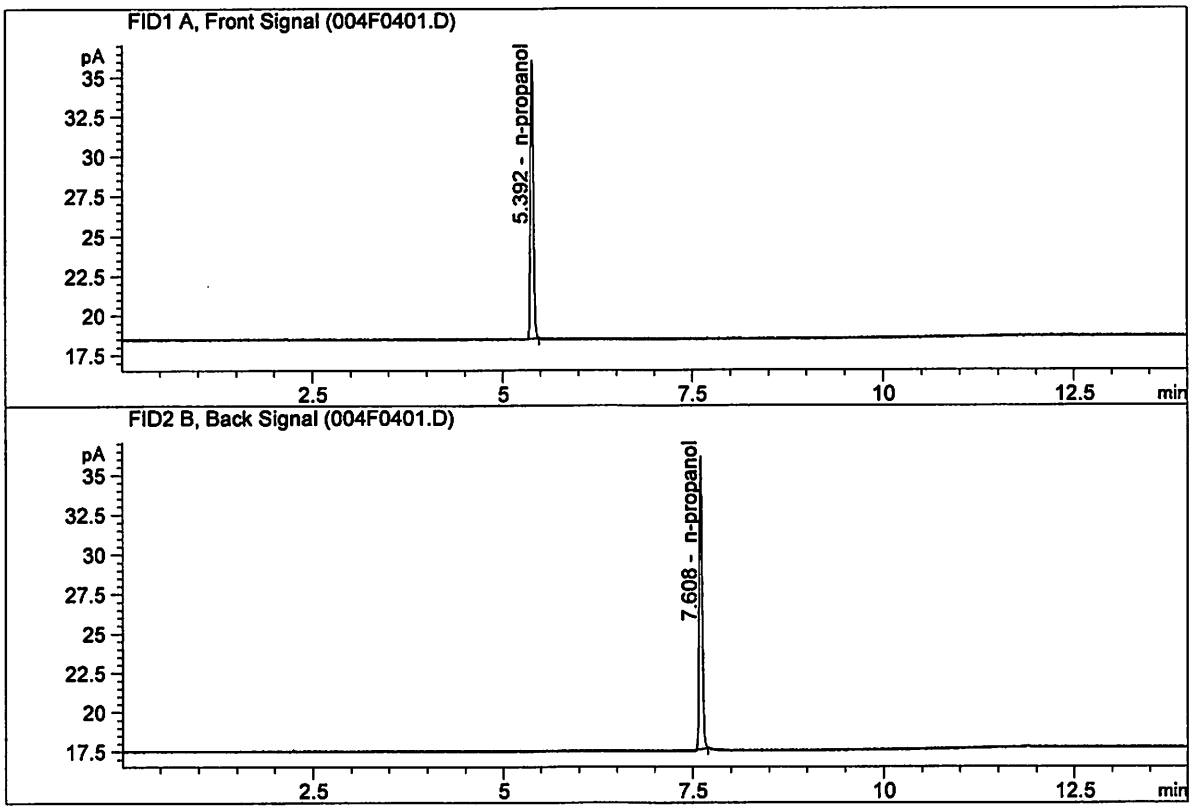
ISP Forensic Services Blood Alcohol Report

(Qualitative run) NB

REVIEWED
By Melissa (Nikka) Bradley at 8:58 am, Jan 15, 2020

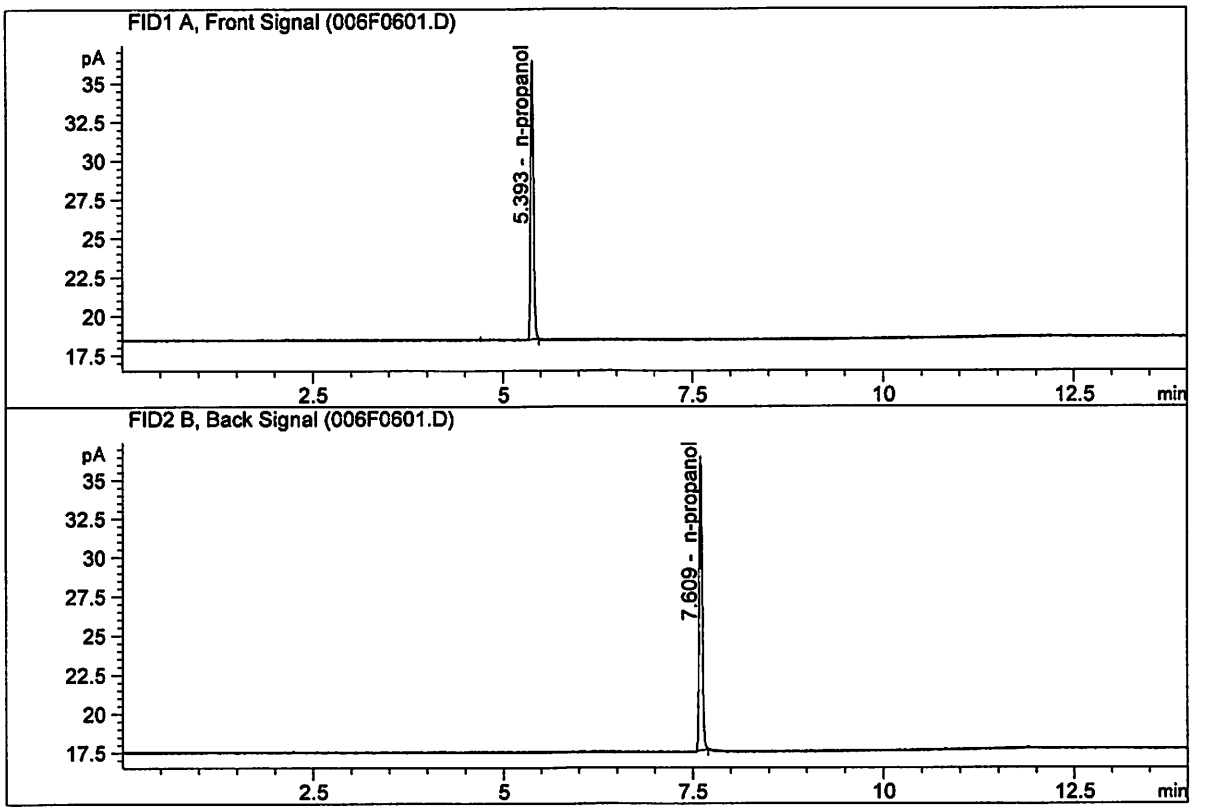
Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : Jan 14, 2020
Method : VOLATILES.M
Acq. Instrument: CN11180014-CN11041167



#	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:	45.90372	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.62884	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

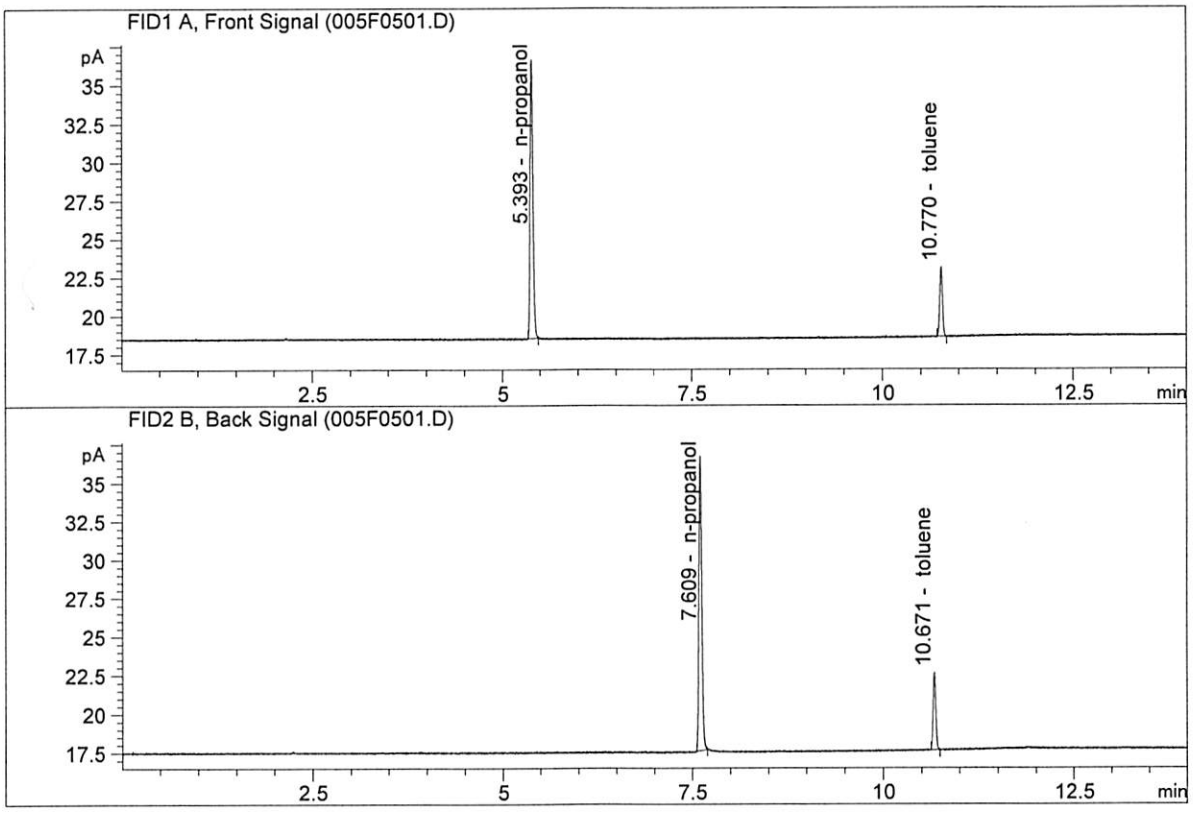
Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : Jan 14, 2020
Method : VOLATILES.M
Acq. Instrument: CN11180014-CN11041167



#	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:	46.70541	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.48209	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : TOLUENE 002007
Laboratory : Meridian
Injection Date : Jan 14, 2020
Method : VOLATILES.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:	47.31858	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.15864	1.0000	g/100cc

Sequence File C:\Chem32\1\Data\01-14-20_INH\01-14-20_INH 2020-01-14 13-32-18\01-14-20_INH.S

Sample Summary

Sequence table: C:\Chem32\1\Data\01-14-20_INH\01-14-20_INH 2020-01-14 13-32-18\01-14-20_INH.S
Data directory path: C:\Chem32\1\Data\01-14-20_INH\01-14-20_INH 2020-01-14 13-32-18\
Logbook: C:\Chem32\1\Data\01-14-20_INH\01-14-20_INH 2020-01-14 13-32-18\01-14-20_INH.LOG
Sequence start: 1/14/2020 1:46:56 PM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\01-14-20_INH\01-14-20_INH 2020-01-14 13-32-18\VOLATILES.

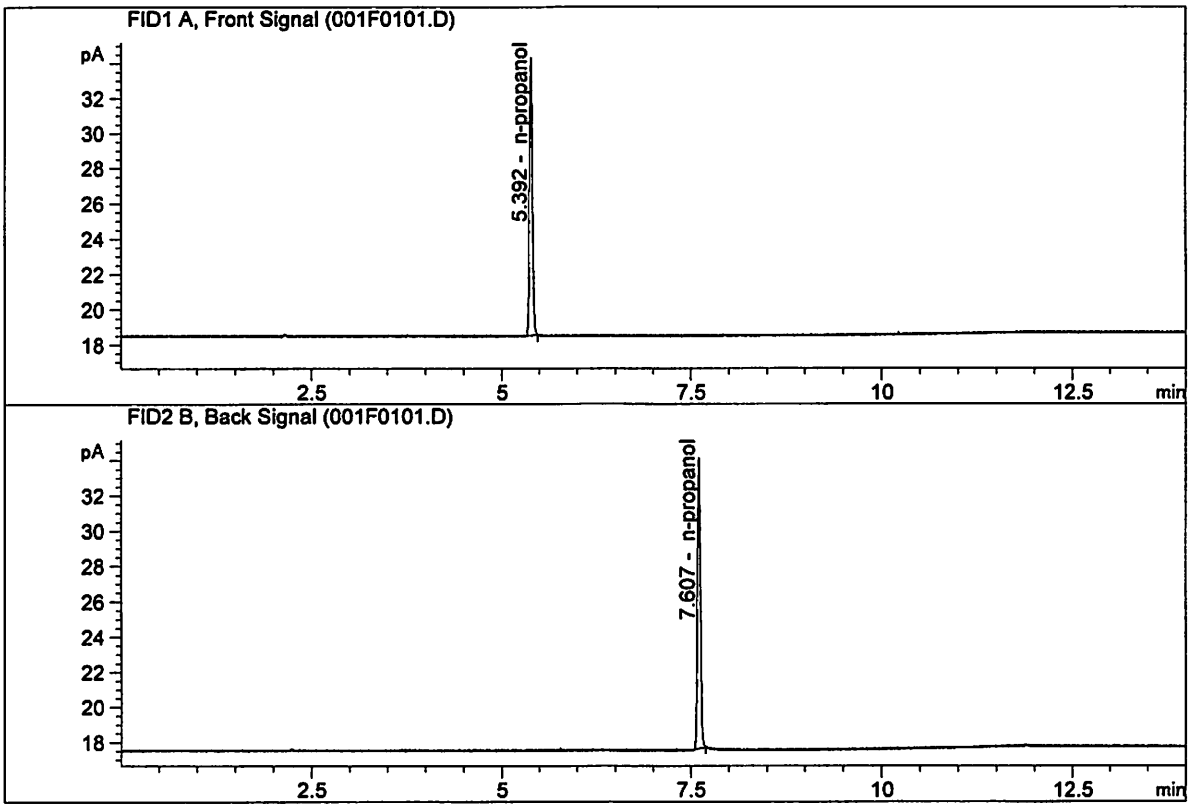
Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #	# Cmp
1	1	1	INTERNAL STD BLK	-	1.0000	001F0101.D		2
2	2	1	P2019-3894-1-A	-	1.0000	002F0201.D		4
3	3	1	P2019-3894-1-B	-	1.0000	003F0301.D		4
4	4	1	INTERNAL STD BLK	-	1.0000	004F0401.D		2
5	5	1	TOLUENE 002007	-	1.0000	005F0501.D		4
6	6	1	INTERNAL STD BLK	-	1.0000	006F0601.D		2

Method file name: C:\Chem32\1\Data\01-14-20_INH\01-14-20_INH 2020-01-14 13-32-18\SHUTDOWN.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #	# Cmp
7	7	1	EMPTY	-	1.0000	007F0701.D		0

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK 1
Laboratory : Meridian
Injection Date : Jan 14, 2020
Method : VOLATILES.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:	41.16023	1.0000	g/100cc
4.	n-Propanol	Column 2:	43.57261	1.0000	g/100cc

REVIEWED
By Melissa (Nikka) Bradley at 10:49 am, Jan 14, 2020

NB

Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Analytical Method(s): 1.0

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

Volatiles Quality Assurance Controls **Run Date(s): 01/13/20**

Calibration Date: 01/02/20

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jan-22	1801036	0.0812	0.0731-0.0893	0.0787 g/100cc
					0.0805 g/100cc
					g/100cc
Level 2	Mar-22	1803028	0.2035	0.1832-0.2238	0.2019 g/100cc
					g/100cc
					g/100cc

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

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0495	0.0511	0.0016	0.0503
100	0.100	0.090 - 0.110	0.0997	0.0995	0.0002	0.0996
200	0.200	0.180 - 0.220	0.2002	0.1988	0.0014	0.1995
300	0.300	0.270 - 0.330	0.3014	0.3002	0.0012	0.3008
400	0.400	0.360 - 0.440				
500	0.500	0.450 - 0.550	0.4992	0.5003	0.0011	0.4997

Aqueous Controls

Control level	Target Value	Acceptable Range	Overall Results
80	0.080	0.076 - 0.084	0.080 g/100cc

BV

Revision: 2
Issue Date: 12/23/2019
Issuing Authority: Quality Manager

Worklist: 3939

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
M2020-0024	1	BCK	Alcohol Analysis
M2020-0025	1	BCK	Alcohol Analysis
M2020-0026	1	BCK	Alcohol Analysis
M2020-0052	1	BCK	Alcohol Analysis
M2020-0053	1	BCK	Alcohol Analysis
M2020-0068	1	BCK	Alcohol Analysis
M2020-0080	1	BCK	Alcohol Analysis
M2020-0081	1	BCK	Alcohol Analysis
M2020-0096	1	BCK	Alcohol Analysis
M2020-0098	1	BCK	Alcohol Analysis
M2020-0099	1	BCK	Alcohol Analysis
M2020-0100	1	BCK	Alcohol Analysis
M2020-0171	3	BCK	Alcohol Analysis
M2020-0174	1	BCK	Alcohol Analysis
M2020-0176	1	BCK	Alcohol Analysis
P2019-3894	1	BCK	Alcohol Analysis

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

Calibration Table

General Calibration Setting

Calib. Data Modified : Thursday, January 02, 2020 11:37:29 AM
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

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	4.45171	1.12316e-2	No	No	1	ethanol
		2	1.00000e-1	8.87832	1.12634e-2				
		3	2.00000e-1	17.84032	1.12106e-2				
		4	3.00000e-1	26.77809	1.12032e-2				
		5	5.00000e-1	45.76488	1.09254e-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	4.58435	1.09067e-2	No	No	2	ethanol
		2	1.00000e-1	9.13264	1.09497e-2				
		3	2.00000e-1	18.52917	1.07938e-2				
		4	3.00000e-1	27.96073	1.07293e-2				
		5	5.00000e-1	48.29028	1.03540e-2				
4.308	1	1	1.00000	6.49940	1.53860e-1	No	No	1	acetone
4.620	1	1	1.00000	45.95265	2.17615e-2	No	Yes	1	n-propanol
		2	1.00000	45.51698	2.19698e-2				
		3	1.00000	45.50614	2.19751e-2				
		4	1.00000	45.36790	2.20420e-2				
		5	1.00000	46.81686	2.13598e-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	47.86576	2.08918e-2	No	Yes	2	n-propanol
		2	1.00000	47.07910	2.12408e-2				
		3	1.00000	46.86020	2.13401e-2				
		4	1.00000	46.51414	2.14988e-2				
		5	1.00000	47.95023	2.08550e-2				

Peak Sum Table

No Entries in table

---

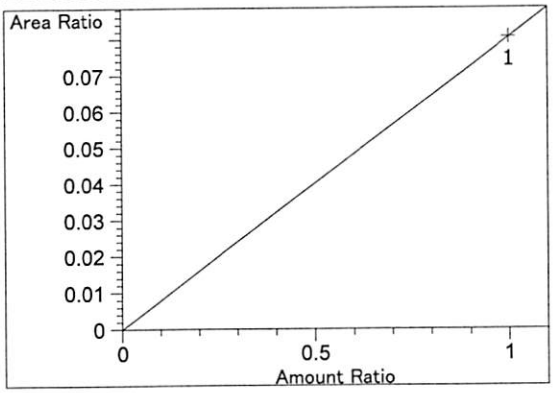
1 Warnings or Errors :

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

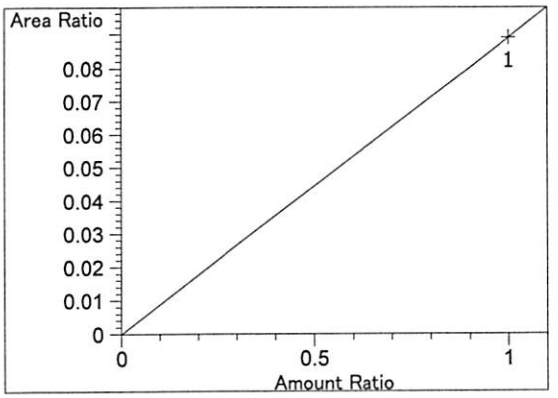
==========

Calibration Curves

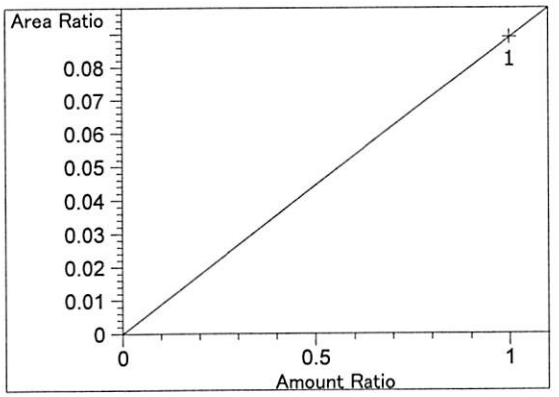
==========



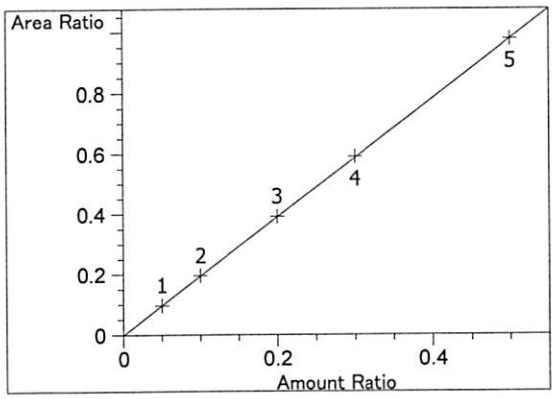
methanol at exp. RT: 2.586
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.04457e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



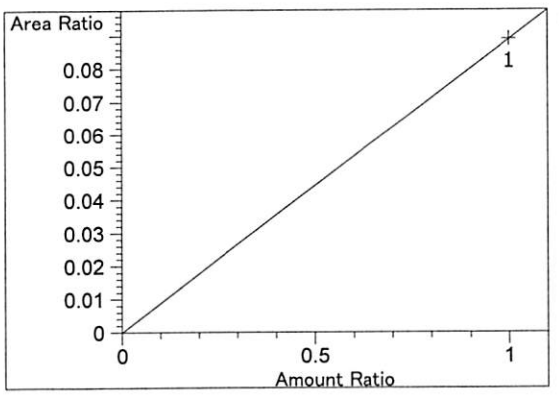
Acetaldehyde at exp. RT: 2.809
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.90198e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



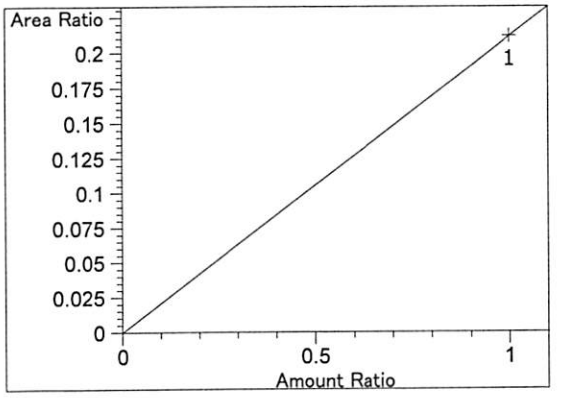
Acetaldehyde at exp. RT: 2.977
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.90198e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



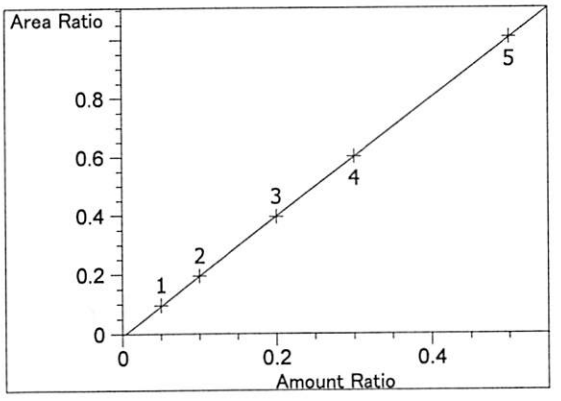
ethanol at exp. RT: 3.075
FID1 A, Front Signal
Correlation: 0.99999
Residual Std. Dev.: 0.00200
Formula: y = mx + b
m: 1.95855
b: -1.16582e-4
x: Amount Ratio
y: Area Ratio



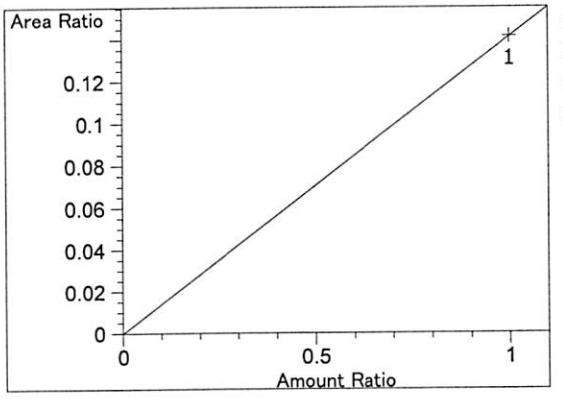
methanol at exp. RT: 3.388
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.90120e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



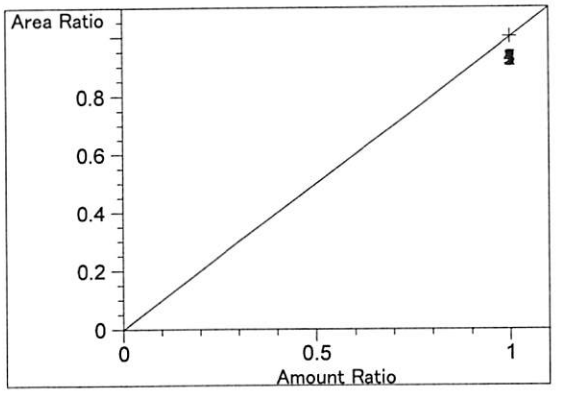
isopropyl alcohol at exp. RT: 3.628
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 2.11752e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



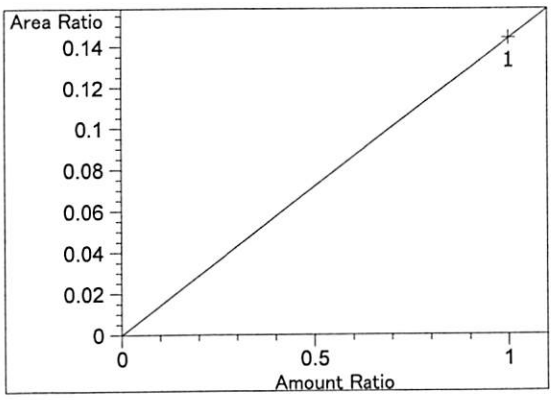
ethanol at exp. RT: 4.285
FID2 B, Back Signal
Correlation: 0.99999
Residual Std. Dev.: 0.00204
Formula: y = mx + b
m: 2.02870
b: -7.92287e-3
x: Amount Ratio
y: Area Ratio



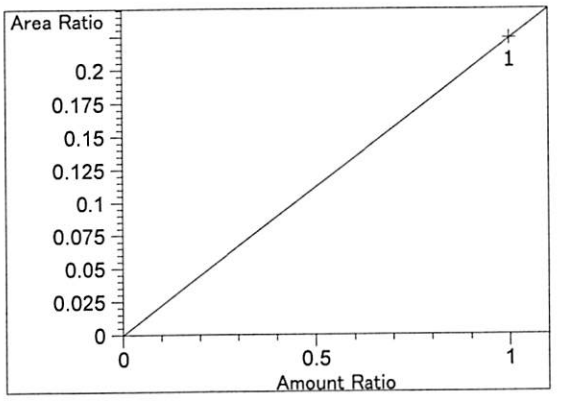
acetone at exp. RT: 4.308
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.41437e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



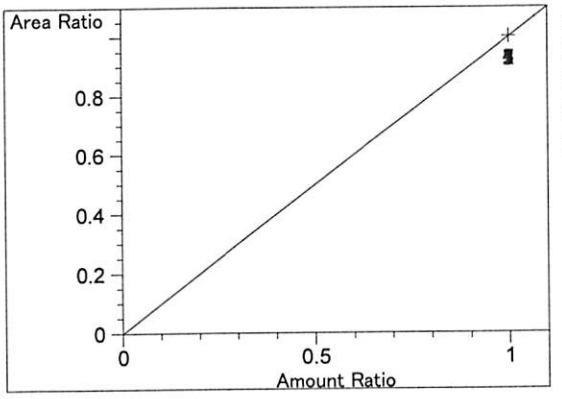
n-propanol at exp. RT: 4.620
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio



acetone at exp. RT: 4.661
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.44007e-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: 2.23676e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio

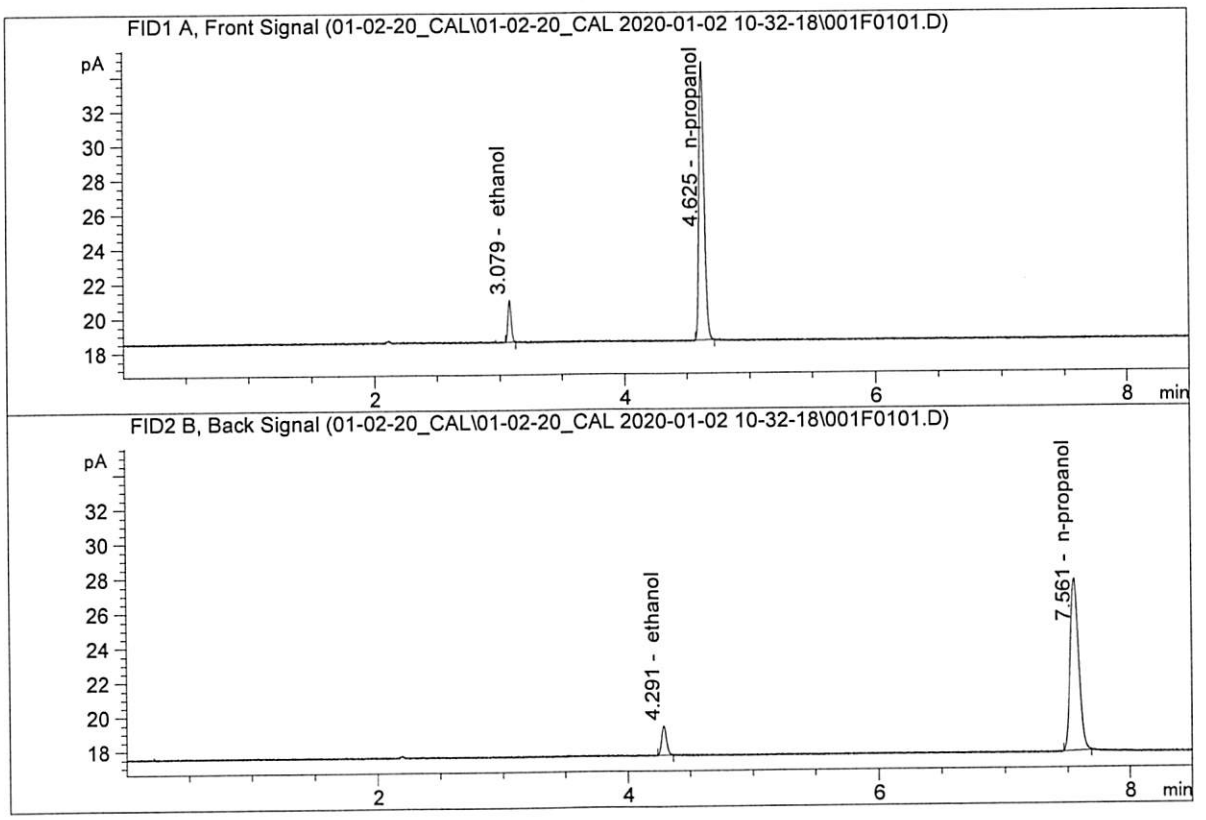


n-propanol at exp. RT: 7.550
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

==========

ISP Forensic Services Blood Alcohol Report

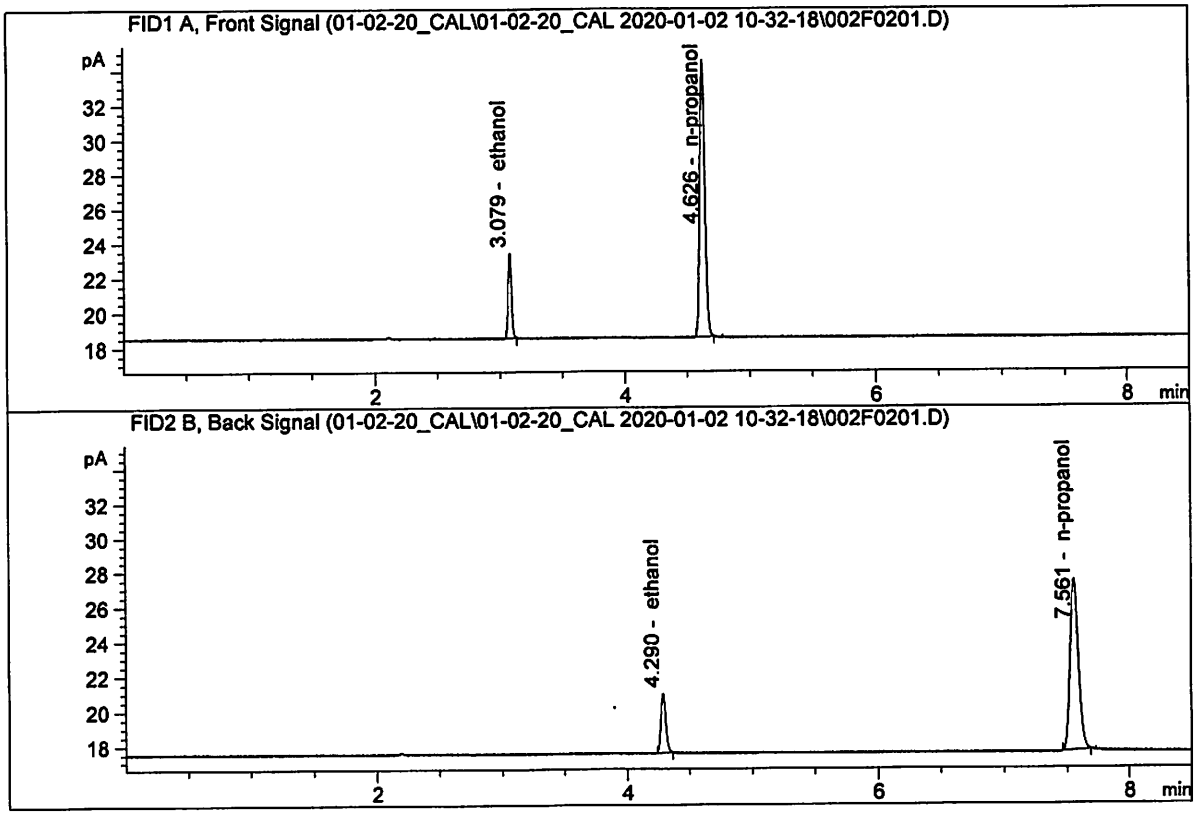
Sample Name : 0.050 FN05211804
Laboratory : Meridian
Injection Date : Jan 2, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	4.45171	0.0495	g/100cc
2.	Ethanol	Column 2:	4.58435	0.0511	g/100cc
3.	n-Propanol	Column 1:	45.95265	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.86576	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.100 FN02271802
Laboratory : Meridian
Injection Date : Jan 2, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

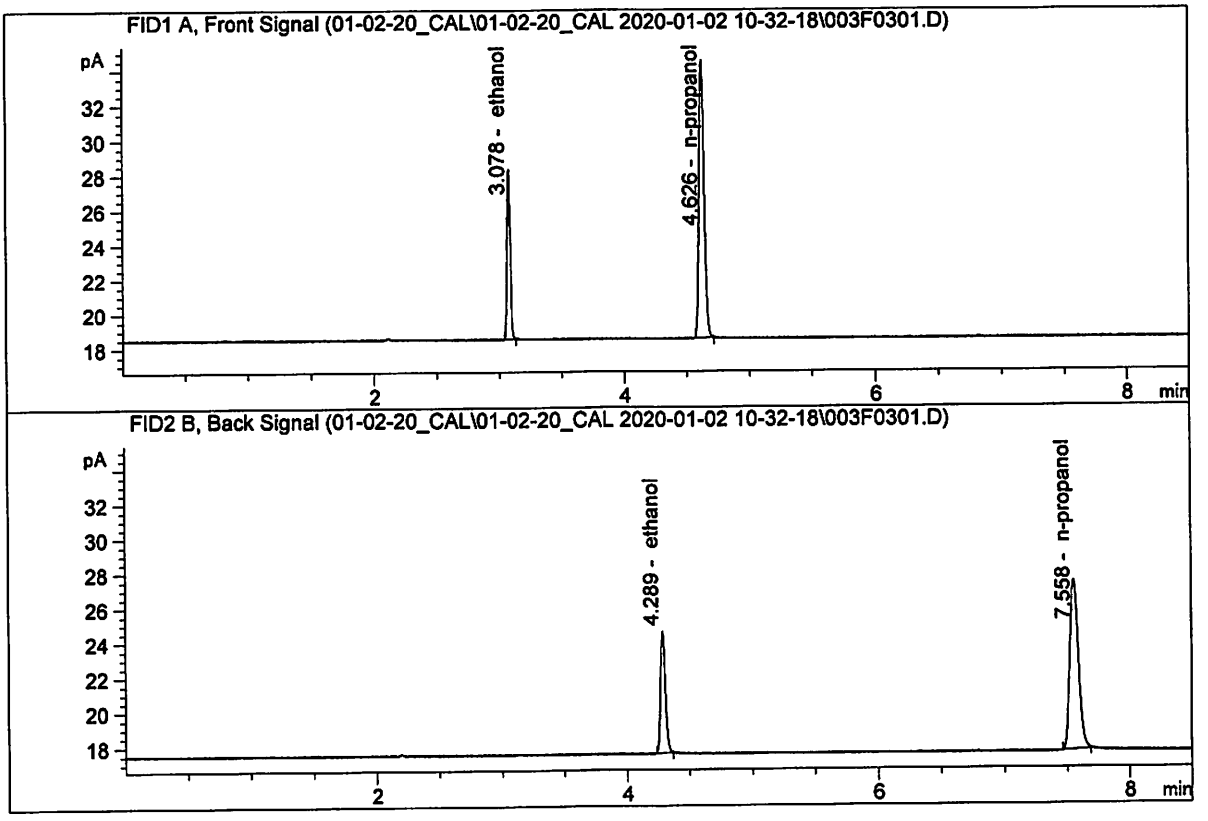


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	8.87832	0.0997	g/100cc
2.	Ethanol	Column 2:	9.13264	0.0995	g/100cc
3.	n-Propanol	Column 1:	45.51698	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.07910	1.0000	g/100cc

W

ISP Forensic Services Blood Alcohol Report

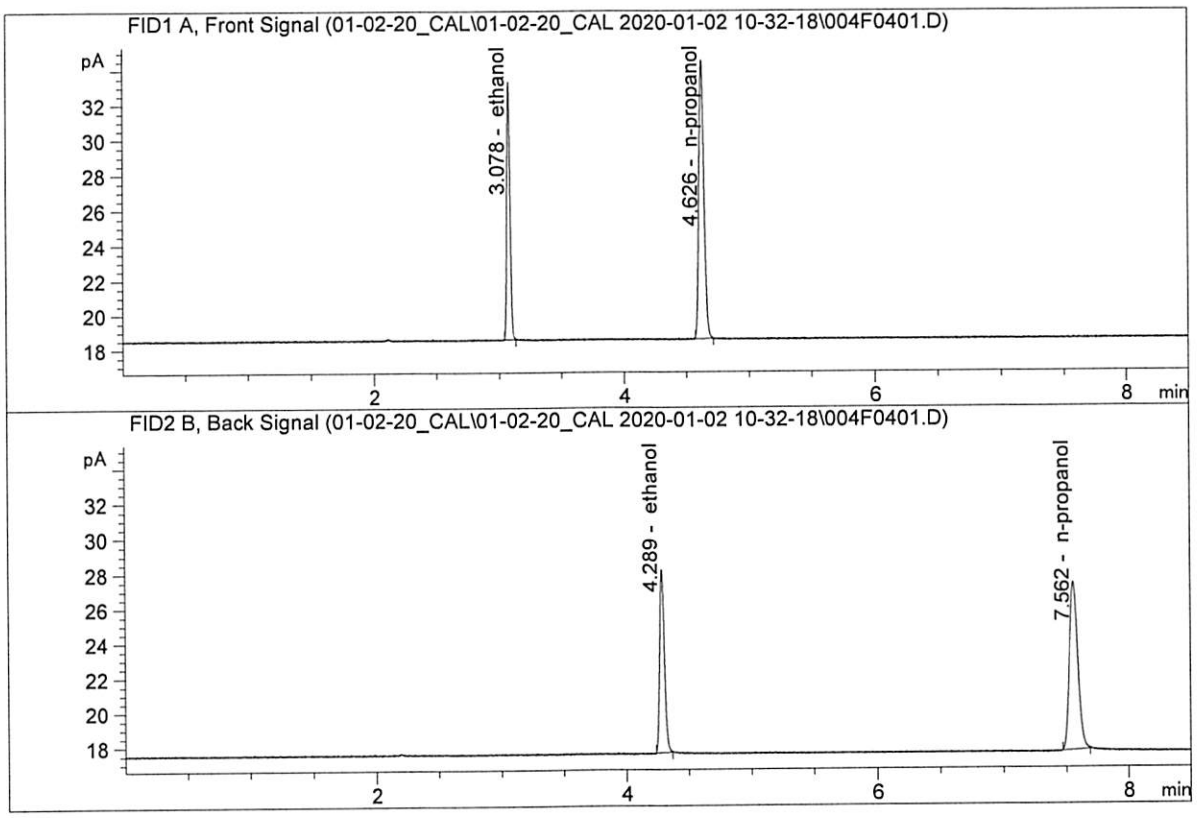
Sample Name : 0.200 FN06231704
Laboratory : Meridian
Injection Date : Jan 2, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.84032	0.2002	g/100cc
2.	Ethanol	Column 2:	18.52917	0.1988	g/100cc
3.	n-Propanol	Column 1:	45.50614	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.86020	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

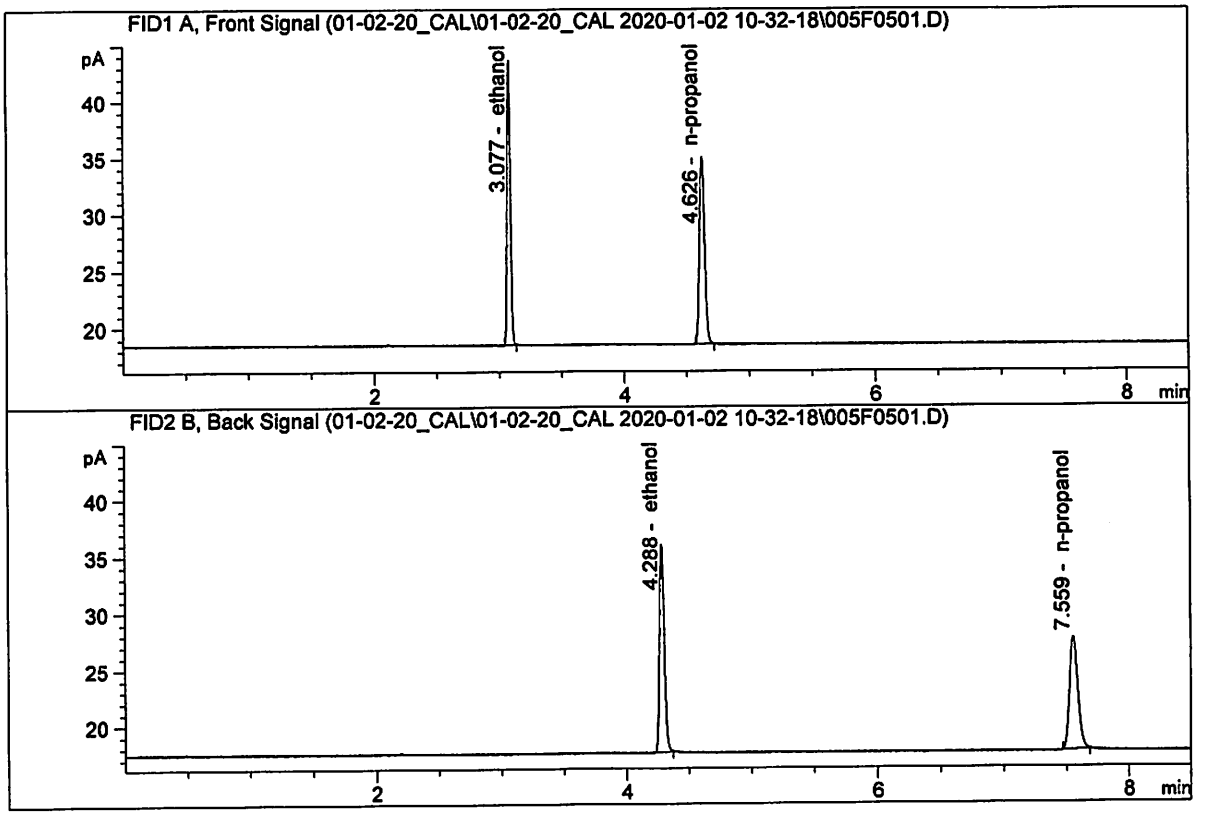
Sample Name : 0.300 FN07311804
Laboratory : Meridian
Injection Date : Jan 2, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	26.77809	0.3014	g/100cc
2.	Ethanol	Column 2:	27.96073	0.3002	g/100cc
3.	n-Propanol	Column 1:	45.36790	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.51414	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

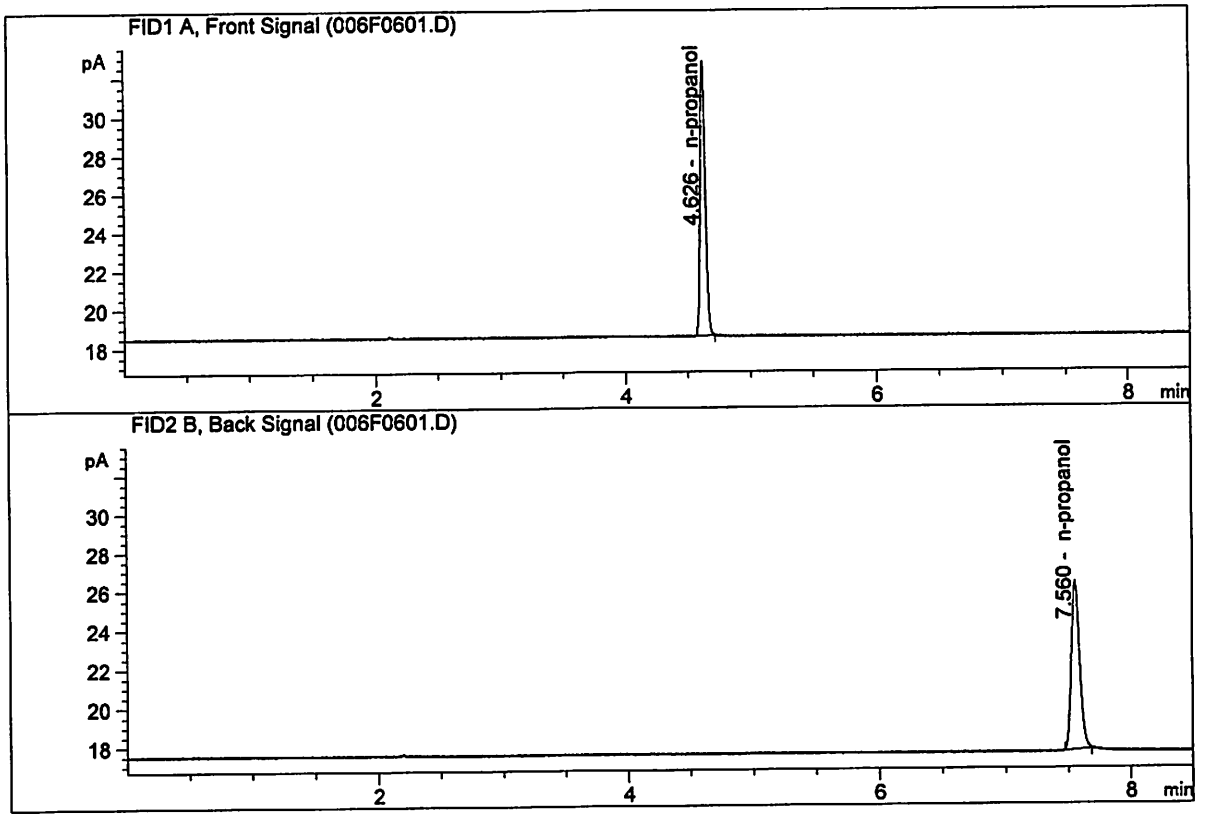
Sample Name : 0.500 FN08031602
Laboratory : Meridian
Injection Date : Jan 2, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	45.76488	0.4992	g/100cc
2.	Ethanol	Column 2:	48.29028	0.5003	g/100cc
3.	n-Propanol	Column 1:	46.81686	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.95023	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STANDARD BLANK
Laboratory : Meridian
Injection Date : Jan 2, 2020
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:	40.43964	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.20002	1.0000	g/100cc

W

Sequence File C:\Chem32\1\Data\01-02-20_CAL\01-02-20_CAL 2020-01-02 10-32-18\01-02-20_CAL.S

Sample Summary

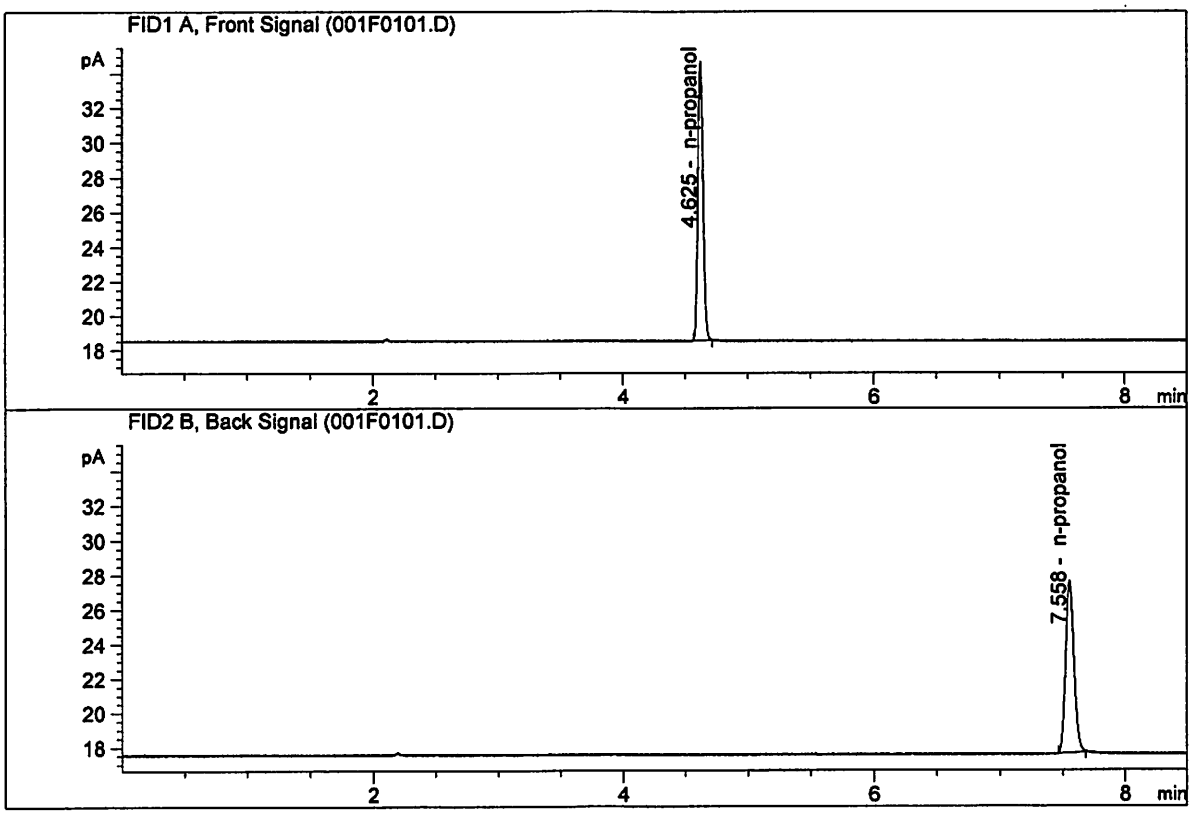
Sequence table: C:\Chem32\1\Data\01-02-20_CAL\01-02-20_CAL 2020-01-02 10-32-18\01-02-20_CAL.S
Data directory path: C:\Chem32\1\Data\01-02-20_CAL\01-02-20_CAL 2020-01-02 10-32-18\
Logbook: C:\Chem32\1\Data\01-02-20_CAL\01-02-20_CAL 2020-01-02 10-32-18\01-02-20_CAL.LOG
Sequence start: 1/2/2020 10:46:56 AM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\01-02-20_CAL\01-02-20_CAL 2020-01-02 10-32-18\ALCOHOL.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal	# Cmp
1	1	1	0.050 FN05211804	-	1.0000	001F0101.D	*	4
2	2	1	0.100 FN02271802	-	1.0000	002F0201.D	*	4
3	3	1	0.200 FN06231704	-	1.0000	003F0301.D	*	4
4	4	1	0.300 FN07311804	-	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

ISP Forensic Services Blood Alcohol Report

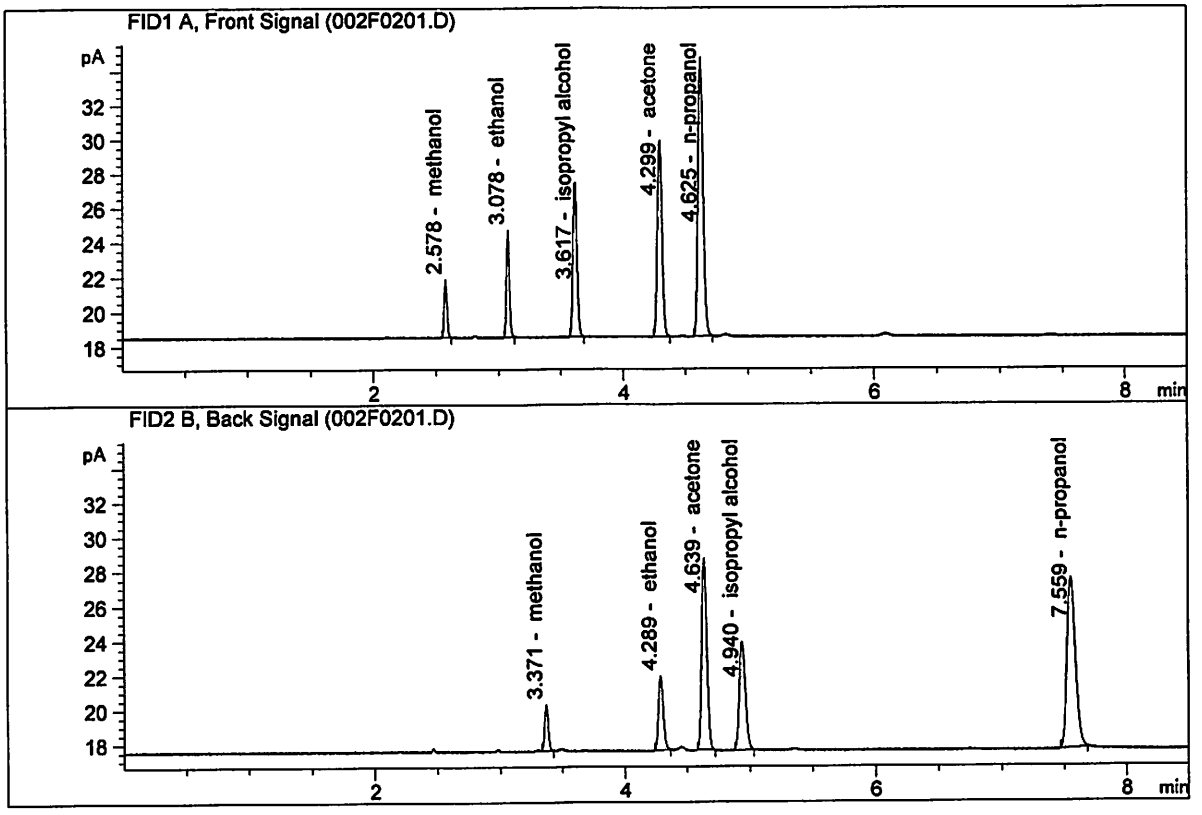
Sample Name : INTERNAL STD BLK 1
Laboratory : Meridian
Injection Date : Jan 13, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	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:	45.88269	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.79666	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : MIX VOL FN06041502
Laboratory : Meridian
Injection Date : Jan 13, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	10.98593	0.1230	g/100cc
2.	Ethanol	Column 2:	11.36832	0.1234	g/100cc
3.	n-Propanol	Column 1:	45.61951	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.88689	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1 **Analysis Date(s): 13 Jan 2020**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0785	0.0787	0.0002	0.0786	0.0003	0.0787
(g/100cc)	0.0786	0.0792	0.0006	0.0789		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument information is stored centrally.*

Refer to Instrument Method: Alcohol.m

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

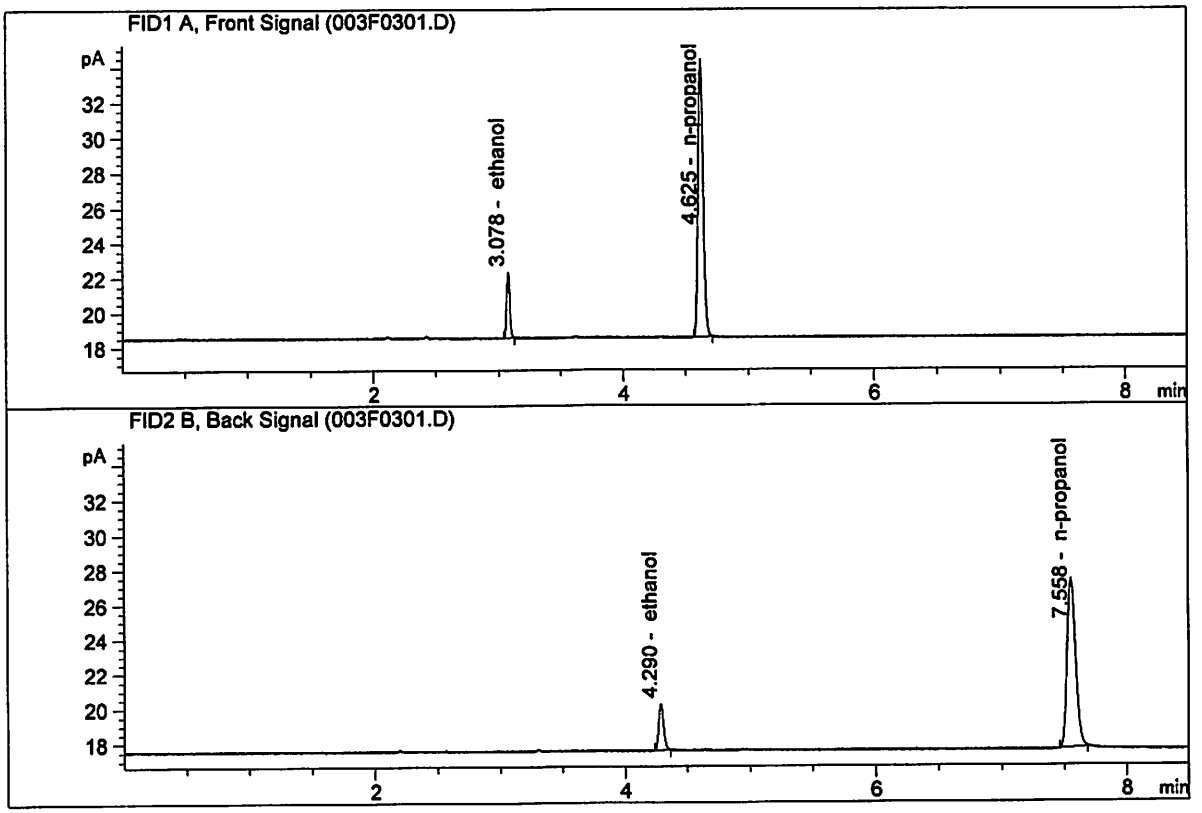
Overall Mean (g/100cc)	Low	High	5% of Mean
0.078	0.074	0.082	0.004

	Reported Result	
	0.078	

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-A
Laboratory : Meridian
Injection Date : Jan 13, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

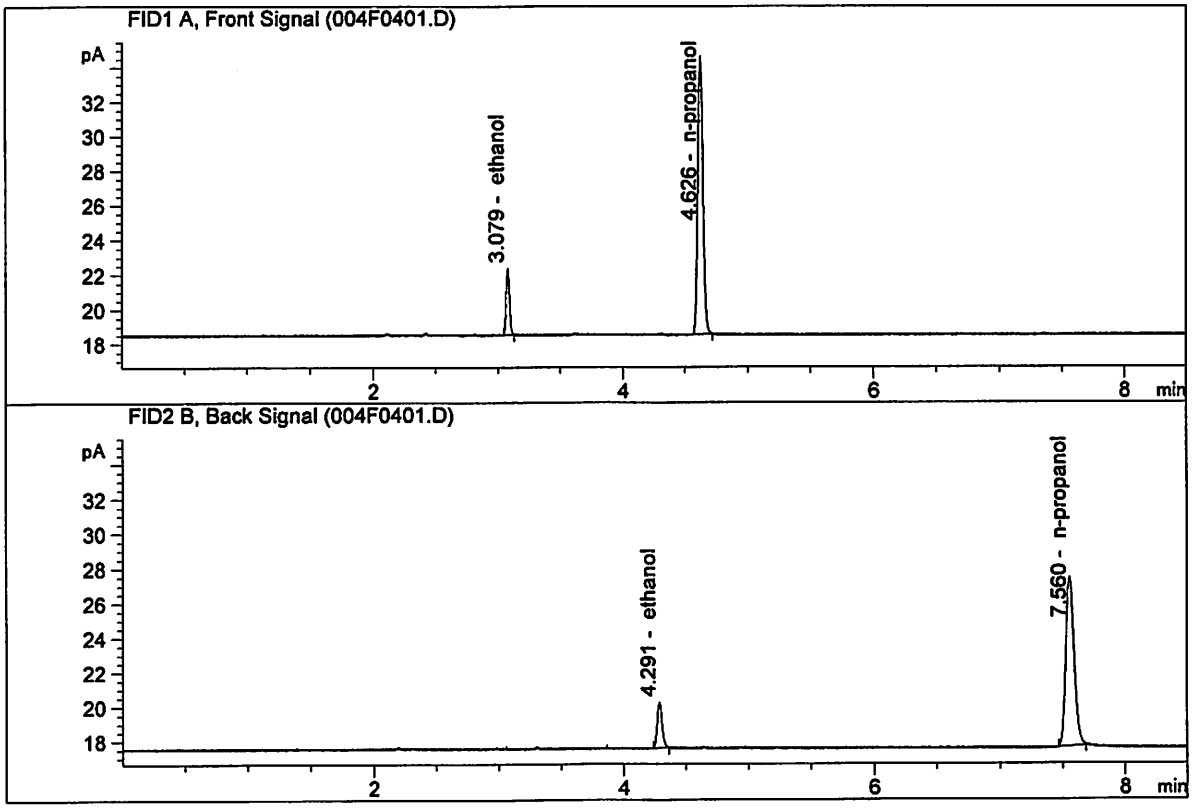


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.94913	0.0785	g/100cc
2.	Ethanol	Column 2:	7.06538	0.0787	g/100cc
3.	n-Propanol	Column 1:	45.25043	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.53837	1.0000	g/100cc

W

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-B
Laboratory : Meridian
Injection Date : Jan 13, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.04673	0.0786	g/100cc
2.	Ethanol	Column 2:	7.17744	0.0792	g/100cc
3.	n-Propanol	Column 1:	45.82330	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.99590	1.0000	g/100cc

W

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.08 FN04171701 **Analysis Date(s): 13 Jan 2020**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0801	0.0804	0.0003	0.0802	0.0000	0.0802
(g/100cc)	0.0800	0.0805	0.0005	0.0802		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument information is stored centrally.*

Refer to Instrument Method: Alcohol.m

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

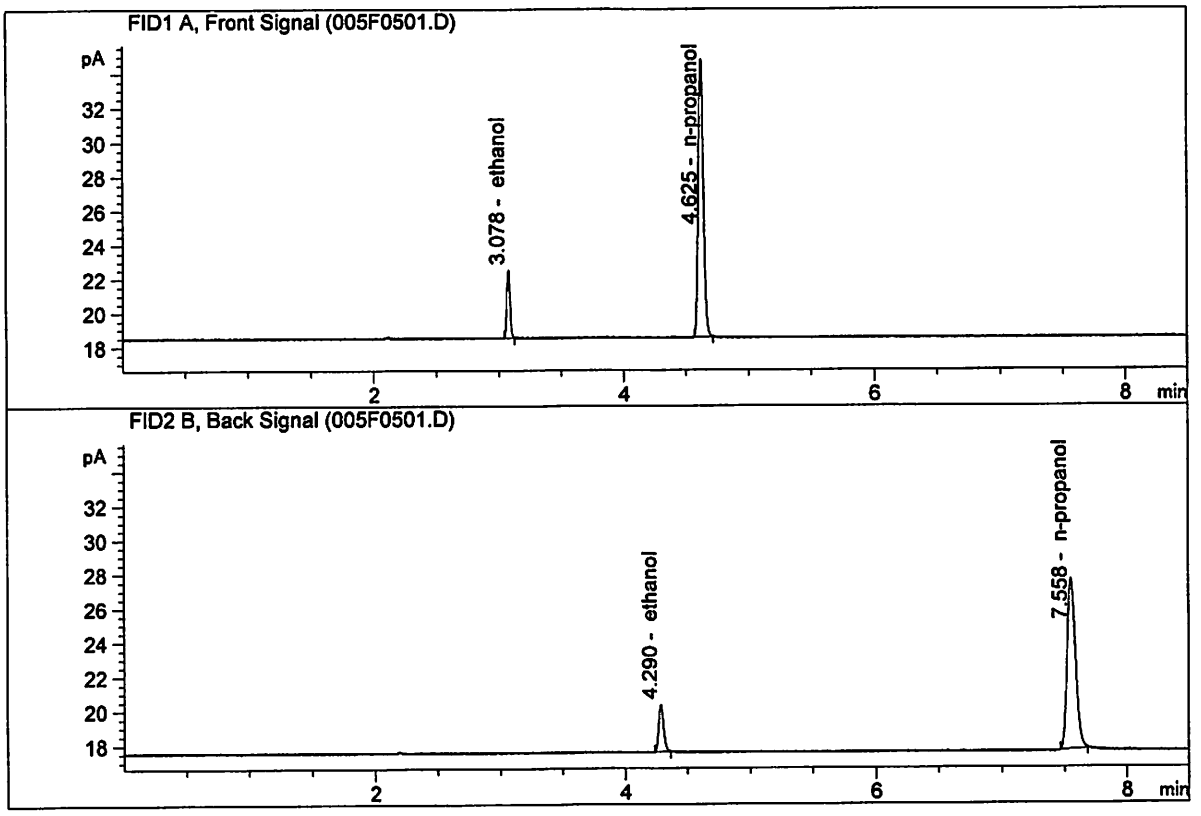
Overall Mean (g/100cc)	Low	High	5% of Mean
0.080	0.076	0.084	0.004

Reported Result
0.080

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

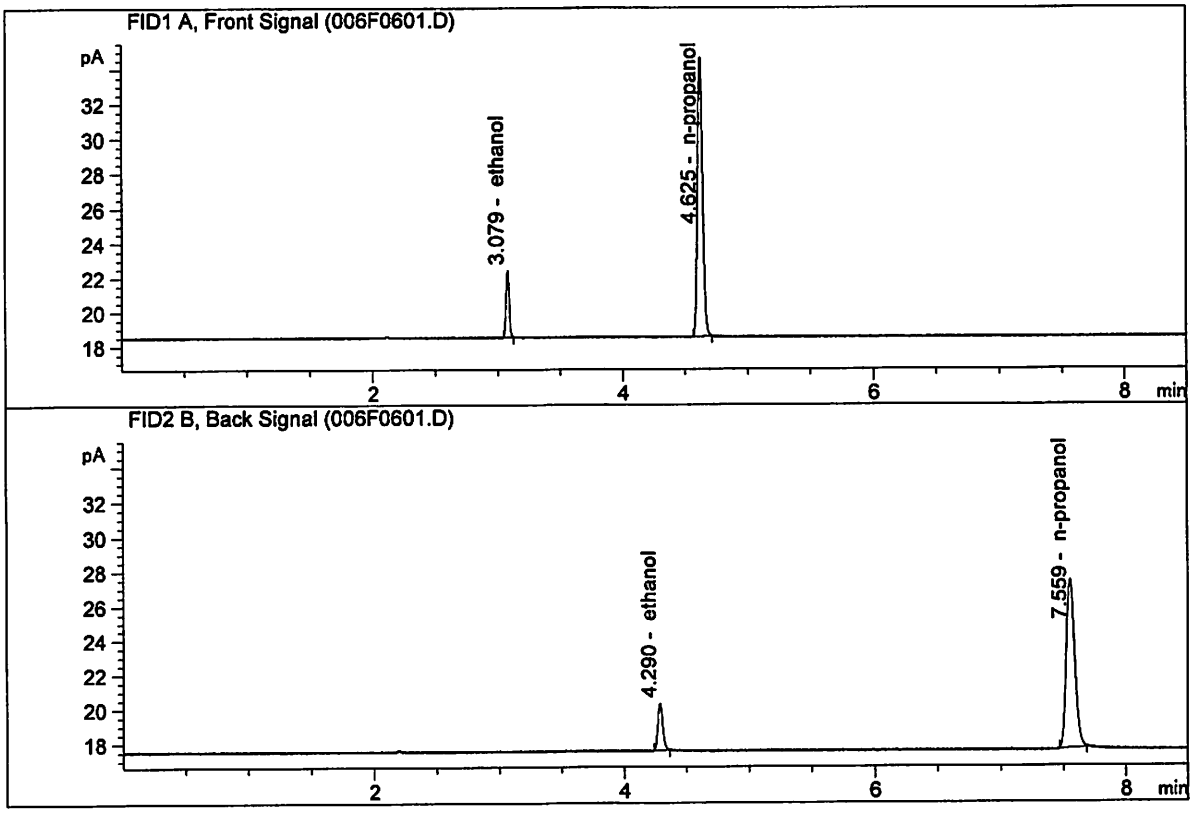
Sample Name : 0.08 FN04171701-A
Laboratory : Meridian
Injection Date : Jan 13, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.26300	0.0801	g/100cc
2.	Ethanol	Column 2:	7.37519	0.0804	g/100cc
3.	n-Propanol	Column 1:	46.31451	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.52313	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN04171701-B
Laboratory : Meridian
Injection Date : Jan 13, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.16932	0.0800	g/100cc
2.	Ethanol	Column 2:	7.29308	0.0805	g/100cc
3.	n-Propanol	Column 1:	45.77852	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.91317	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-1 **Analysis Date(s): 13 Jan 2020**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2017	0.2015	0.0002	0.2016	0.0007	0.2019
(g/100cc)	0.2023	0.2023	0.0000	0.2023		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument information is stored centrally.*

Refer to Instrument Method: Alcohol.m

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

Overall Mean (g/100cc)	Low	High	5% of Mean
0.201	0.190	0.212	0.011

Reported Result

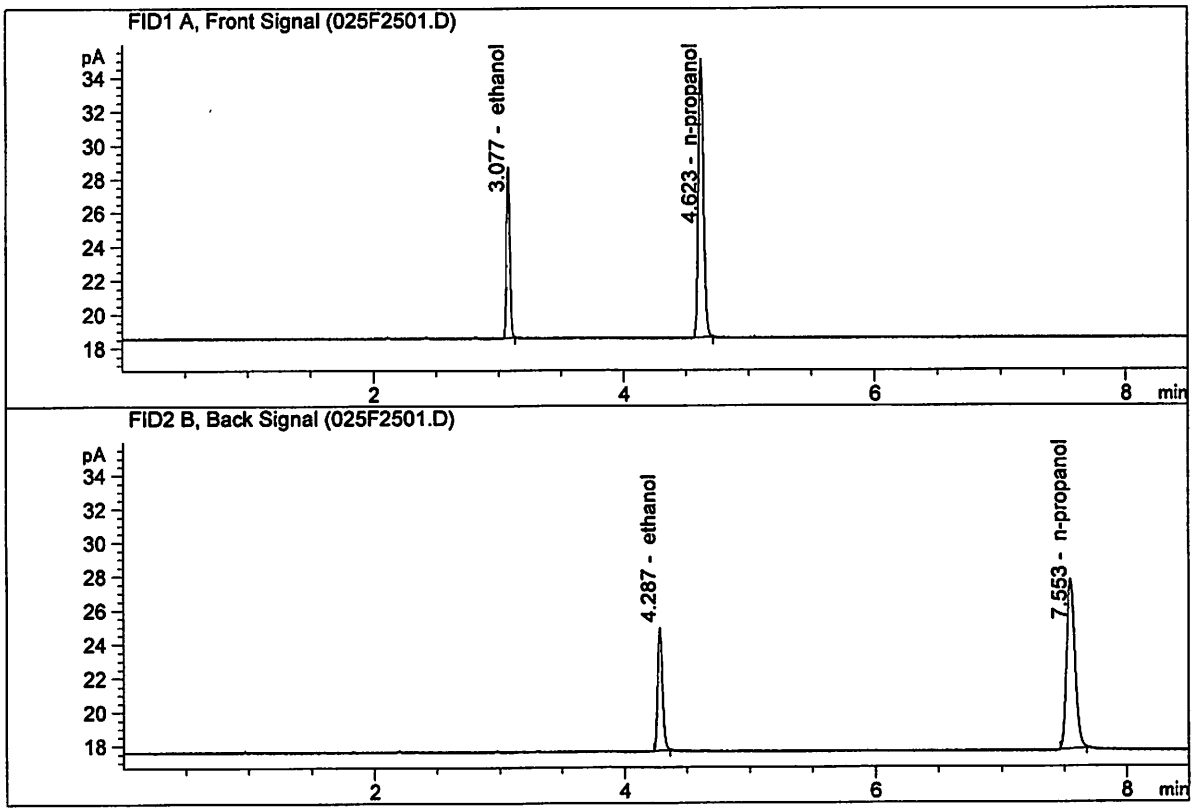
0.201

Calibration and control data are stored centrally.

W

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-A
Laboratory : Meridian
Injection Date : Jan 13, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

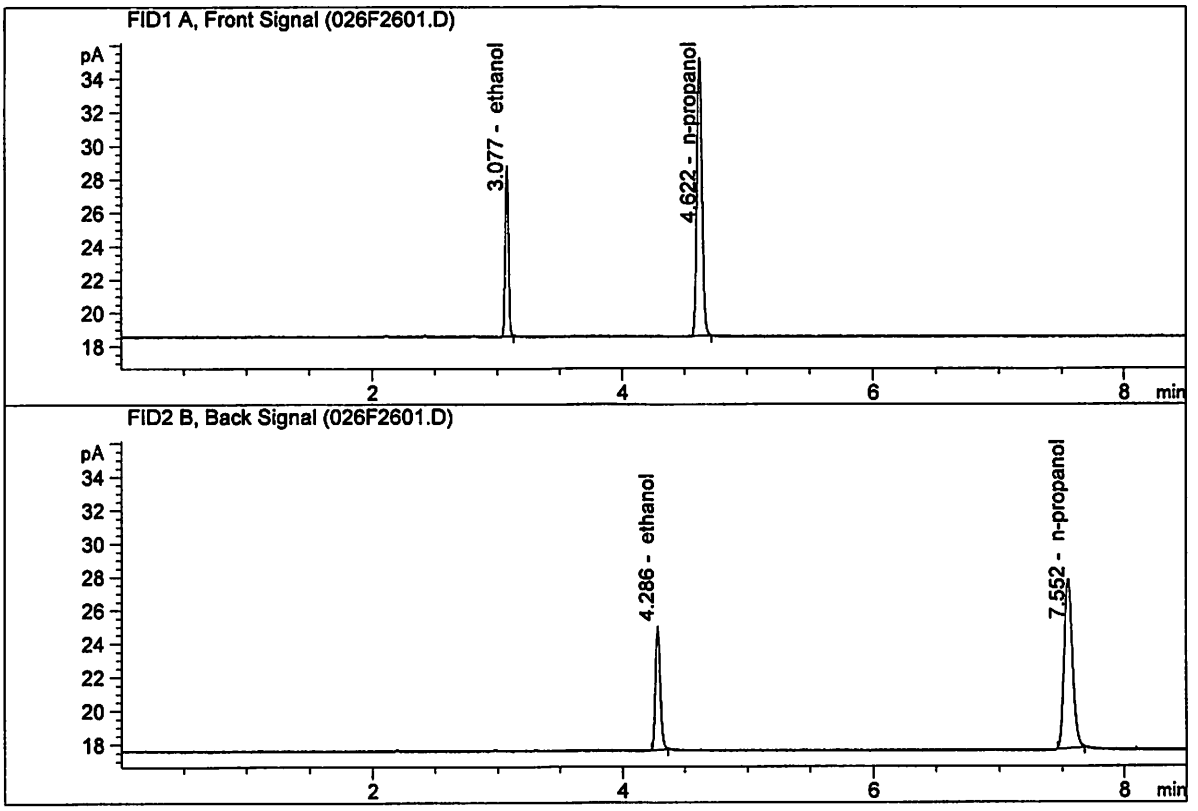


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.54904	0.2017	g/100cc
2.	Ethanol	Column 2:	19.19446	0.2015	g/100cc
3.	n-Propanol	Column 1:	46.97479	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.88569	1.0000	g/100cc

W

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-B
Laboratory : Meridian
Injection Date : Jan 13, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.74130	0.2023	g/100cc
2.	Ethanol	Column 2:	19.43769	0.2023	g/100cc
3.	n-Propanol	Column 1:	47.31380	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.29599	1.0000	g/100cc

W

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-2 **Analysis Date(s): 13 Jan 2020**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0809	0.0815	0.0006	0.0812	0.0013	0.0805
(g/100cc)	0.0796	0.0802	0.0006	0.0799		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument information is stored centrally.*

Refer to Instrument Method: Alcohol.m

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

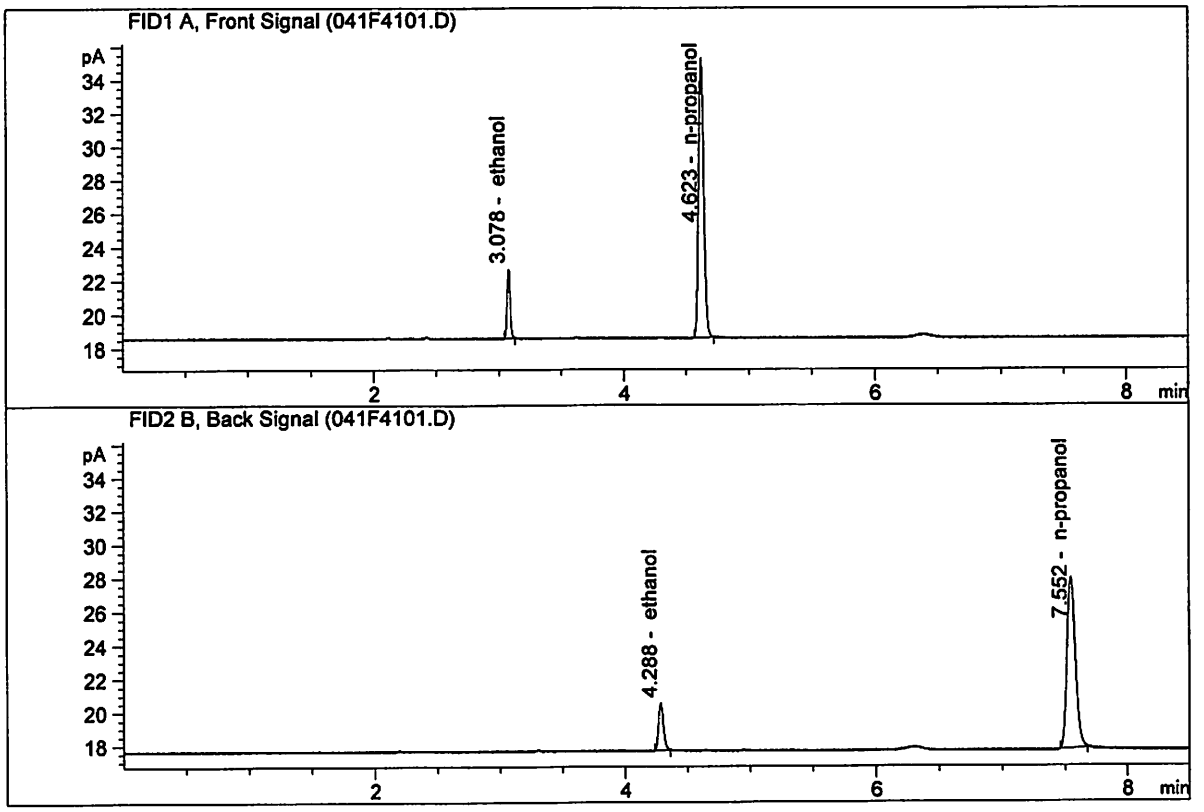
Reported Result
0.080

Calibration and control data are stored centrally.

W

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-A
Laboratory : Meridian
Injection Date : Jan 13, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

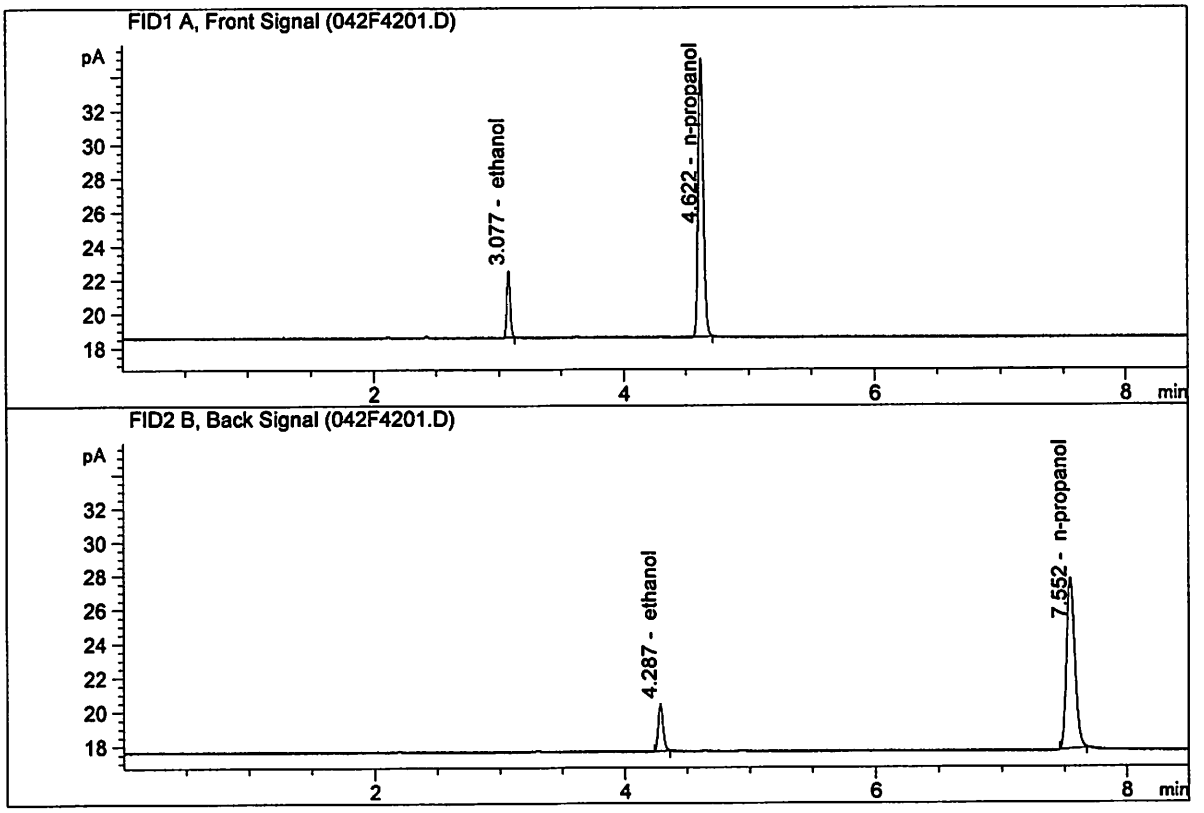


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.51843	0.0809	g/100cc
2.	Ethanol	Column 2:	7.62690	0.0815	g/100cc
3.	n-Propanol	Column 1:	47.48468	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.45794	1.0000	g/100cc

W

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-B
Laboratory : Meridian
Injection Date : Jan 13, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

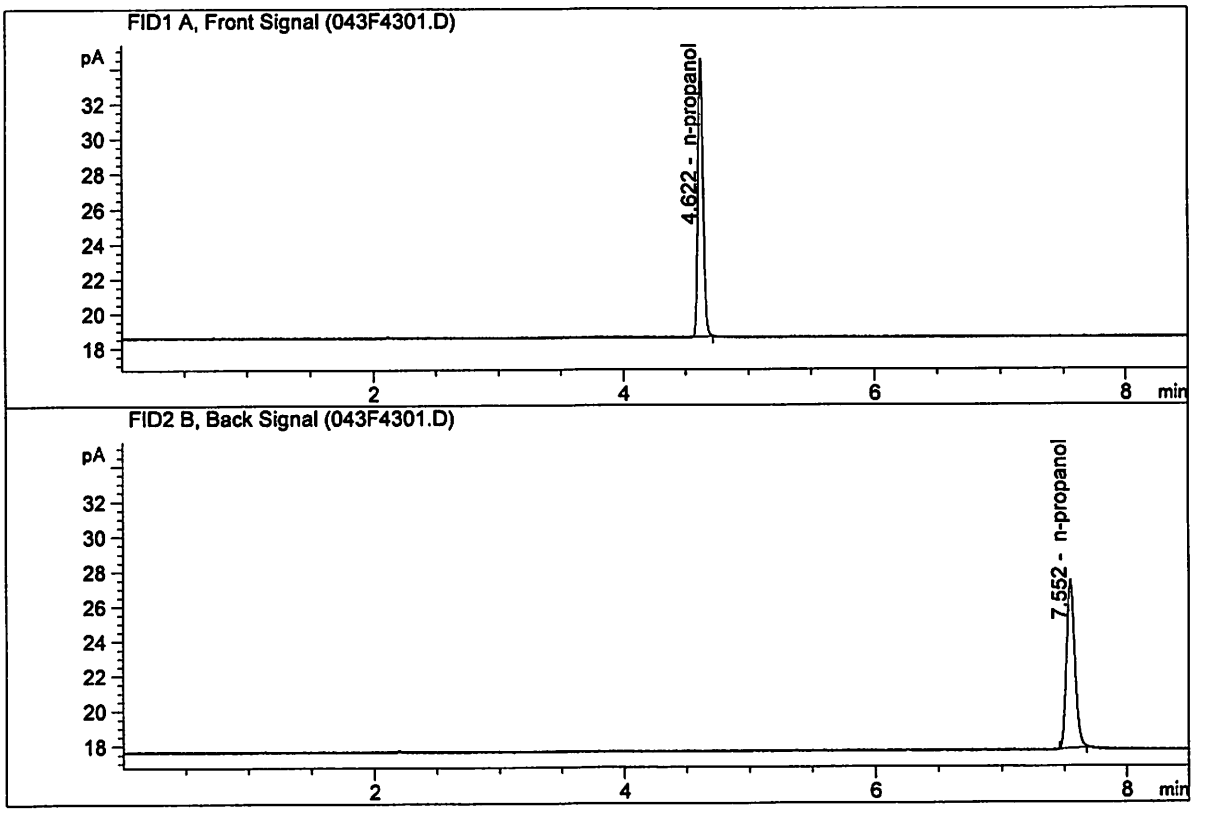


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.26027	0.0796	g/100cc
2.	Ethanol	Column 2:	7.36950	0.0802	g/100cc
3.	n-Propanol	Column 1:	46.58533	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.60093	1.0000	g/100cc

W

ISP Forensic Services Blood Alcohol Report

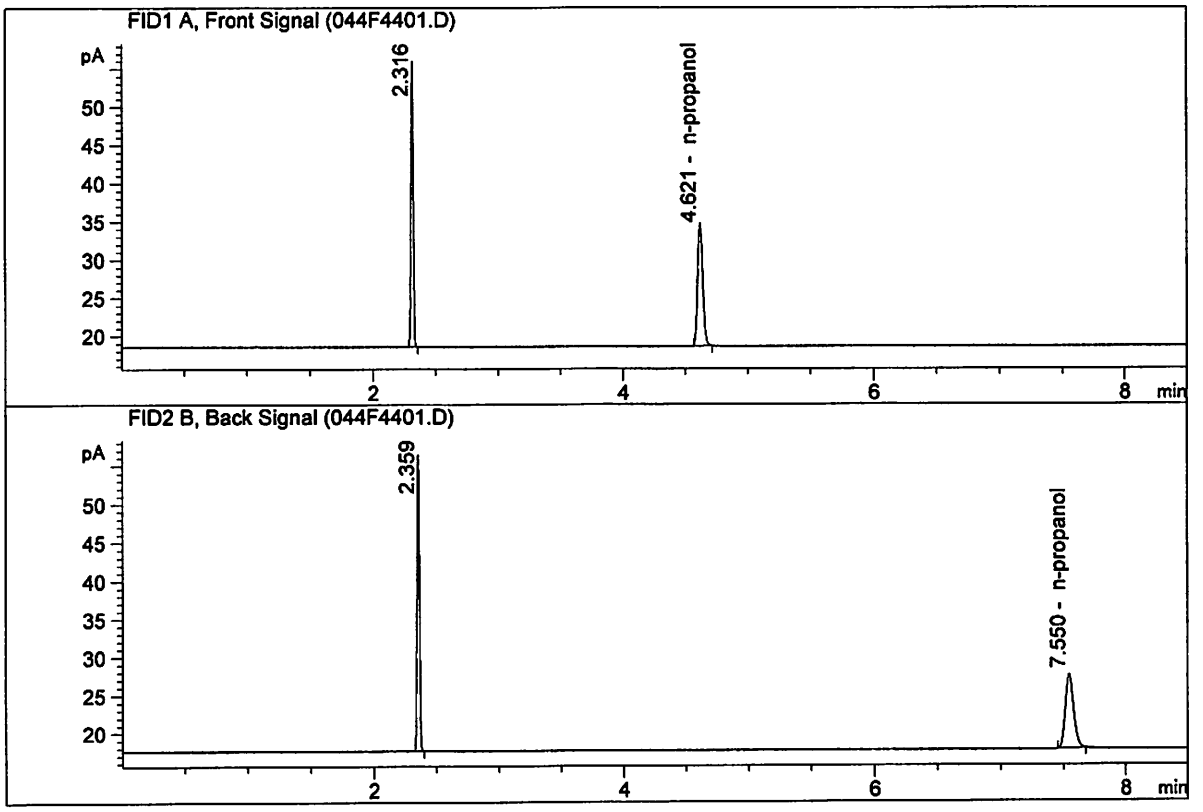
Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : Jan 13, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	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:	45.35616	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.34999	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : DFE 1119140M
Laboratory : Meridian
Injection Date : Jan 13, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

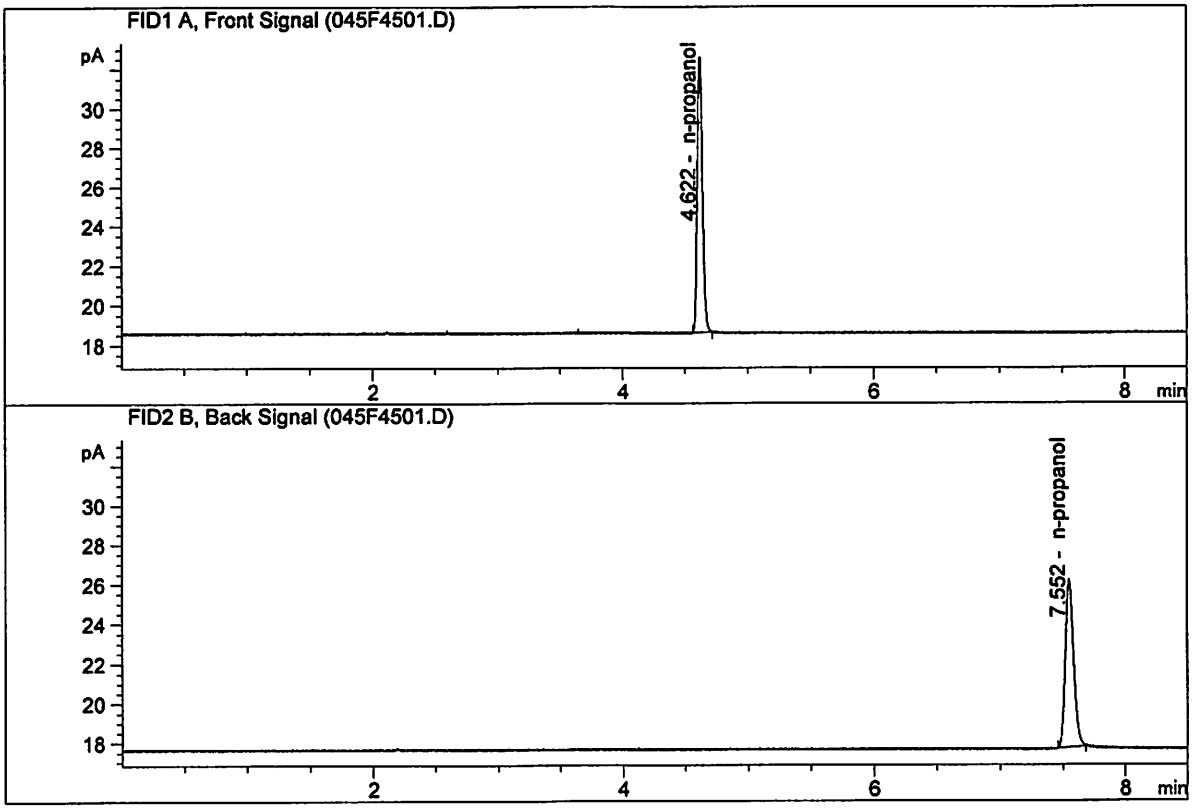


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	45.73829	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.77849	1.0000	g/100cc

W

ISP Forensic Services Blood Alcohol Report

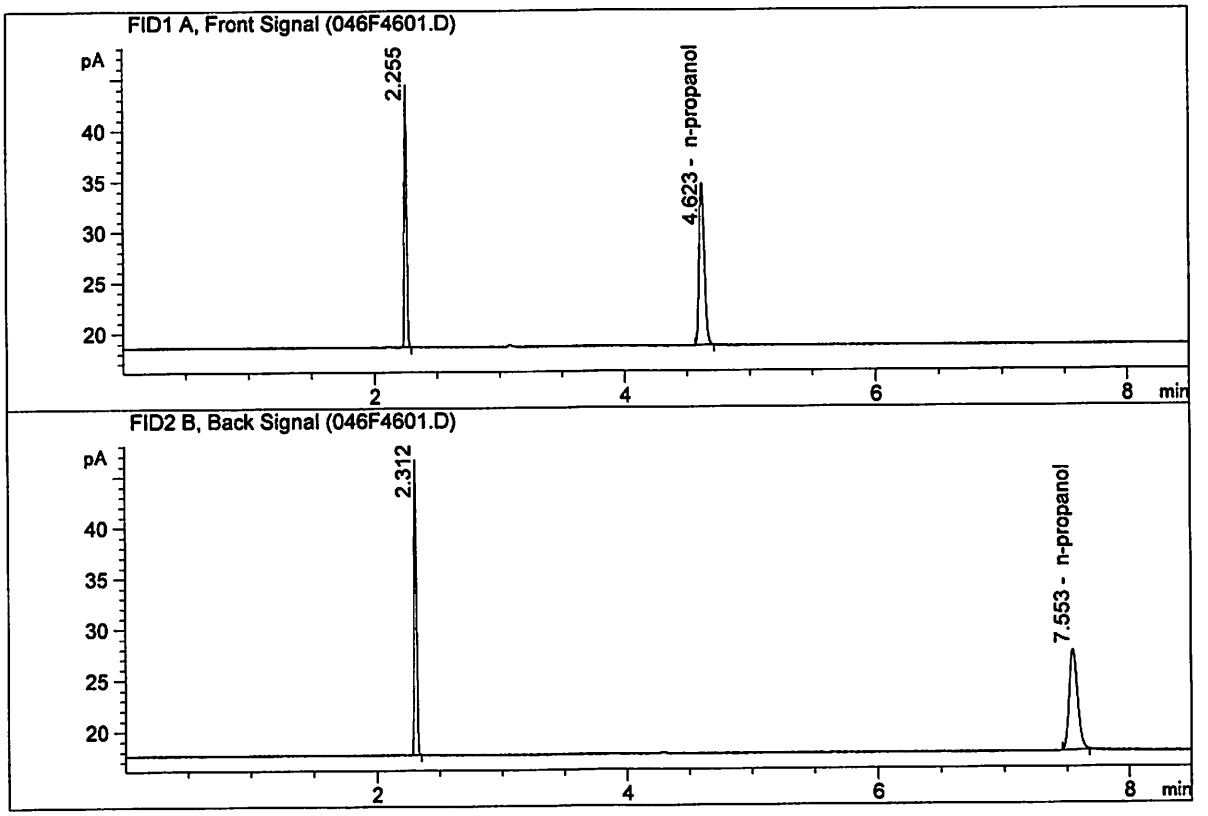
Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : Jan 13, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	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:	39.88066	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.58826	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : TFE 111914
Laboratory : Meridian
Injection Date : Jan 13, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

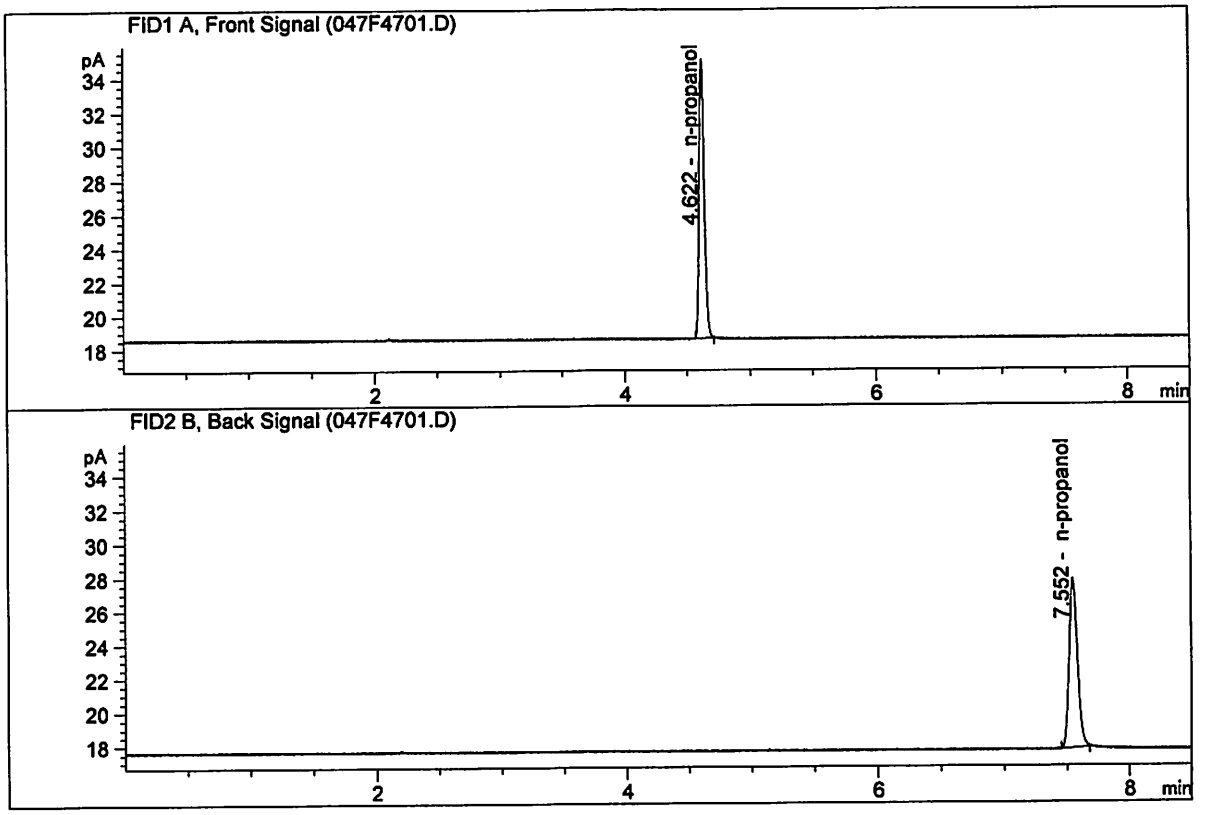


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	45.57055	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.62871	1.0000	g/100cc

W

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : Jan 13, 2020
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:	46.84944	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.24110	1.0000	g/100cc

W

Sample Summary

Sequence table: C:\Chem32\1\Data\01-13-20_SAMPLES\01-13-20_SAMPLES 2020-01-13 14-32-49\01 13-20_SAMPLES.S
Data directory path: C:\Chem32\1\Data\01-13-20_SAMPLES\01-13-20_SAMPLES 2020-01-13 14-32-49\
Logbook: C:\Chem32\1\Data\01-13-20_SAMPLES\01-13-20_SAMPLES 2020-01-13 14-32-49\01 13-20_SAMPLES.LOG
Sequence start: 1/13/2020 2:47:35 PM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\01-13-20_SAMPLES\01-13-20_SAMPLES 2020-01-13 14-32-49 \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	M2020-0024-1-A	-	1.0000	007F0701.D		4
8	8	1	M2020-0024-1-B	-	1.0000	008F0801.D		4
9	9	1	M2020-0025-1-A	-	1.0000	009F0901.D		4
10	10	1	M2020-0025-1-B	-	1.0000	010F1001.D		4
11	11	1	M2020-0026-1-A	-	1.0000	011F1101.D		4
12	12	1	M2020-0026-1-B	-	1.0000	012F1201.D		4
13	13	1	M2020-0052-1-A	-	1.0000	013F1301.D		4
14	14	1	M2020-0052-1-B	-	1.0000	014F1401.D		4
15	15	1	M2020-0053-1-A	-	1.0000	015F1501.D		4
16	16	1	M2020-0053-1-B	-	1.0000	016F1601.D		4
17	17	1	M2020-0068-1-A	-	1.0000	017F1701.D		4
18	18	1	M2020-0068-1-B	-	1.0000	018F1801.D		4
19	19	1	M2020-0080-1-A	-	1.0000	019F1901.D		4
20	20	1	M2020-0080-1-B	-	1.0000	020F2001.D		4
21	21	1	M2020-0081-1-A	-	1.0000	021F2101.D		2
22	22	1	M2020-0081-1-B	-	1.0000	022F2201.D		2
23	23	1	M2020-0096-1-A	-	1.0000	023F2301.D		4
24	24	1	M2020-0096-1-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	M2020-0098-1-A	-	1.0000	027F2701.D		4
28	28	1	M2020-0098-1-B	-	1.0000	028F2801.D		4
29	29	1	M2020-0099-1-A	-	1.0000	029F2901.D		4
30	30	1	M2020-0099-1-B	-	1.0000	030F3001.D		4
31	31	1	M2020-0100-1-A	-	1.0000	031F3101.D		4
32	32	1	M2020-0100-1-B	-	1.0000	032F3201.D		4
33	33	1	M2020-0171-3-A	-	1.0000	033F3301.D		2
34	34	1	M2020-0171-3-B	-	1.0000	034F3401.D		2
35	35	1	M2020-0174-1-A	-	1.0000	035F3501.D		2
36	36	1	M2020-0174-1-B	-	1.0000	036F3601.D		2
37	37	1	M2020-0176-1-A	-	1.0000	037F3701.D		4
38	38	1	M2020-0176-1-B	-	1.0000	038F3801.D		4
39	39	1	P2019-3894-1-A	-	1.0000	039F3901.D		2
40	40	1	P2019-3894-1-B	-	1.0000	040F4001.D		2
41	41	1	QC1-2-A	-	1.0000	041F4101.D		4
42	42	1	QC1-2-B	-	1.0000	042F4201.D		4
43	43	1	INTERNAL STD BLK	-	1.0000	043F4301.D		2

Sequence File C:\Chem32\...0_SAMPLES\01-13-20_SAMPLES 2020-01-13 14-32-49\01-13-20_SAMPLES.S

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
44	44	1	DFE 1119140M	-	1.0000	044F4401.D	2
45	45	1	INTERNAL STD BLK	-	1.0000	045F4501.D	2
46	46	1	TFE 111914	-	1.0000	046F4601.D	2
47	47	1	INTERNAL STD BLK	-	1.0000	047F4701.D	2

Method file name: C:\Chem32\1\Data\01-13-20_SAMPLES\01-13-20_SAMPLES 2020-01-13 14-32-49 \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