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): 10/13/2020**

Calibration Date: 10/05/2020

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jul-23	1907006	0.0764	0.0688-0.0840	0.0723 g/100cc
					0.0733 g/100cc
					g/100cc
Level 2	Mar-22	1803028	0.2035	0.1832-0.2238	0.1922 g/100cc
					g/100cc
					g/100cc

Multi-Component mixture:		**Lot #**	FN07101701	OK
Curve Fit:	**Column 1**	0.99998	**Column2**	0.99987

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0509	0.0528	0.0019	0.0518
100	0.100	0.090 - 0.110	0.1002	0.1005	0.0003	0.1003
200	0.200	0.180 - 0.220	0.1994	0.1976	0.0018	0.1985
300	0.300	0.270 - 0.330	0.2983	0.2964	0.0019	0.2973
400	0.400	0.360 - 0.440				
500	0.500	0.450 - 0.550	0.5011	0.5027	0.0016	0.5019

Aqueous Controls

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

10/14/2020

Worklist: 4569

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
M2020-3938	1	BCK	Alcohol Analysis
M2020-3939	1	BCK	Alcohol Analysis
M2020-3940	1	BCK	Alcohol Analysis
M2020-3947	1	BCK	Alcohol Analysis
M2020-3961	1	BCK	Alcohol Analysis
M2020-3983	1	BCK	Alcohol Analysis
M2020-3990	1	BCK	Alcohol Analysis
M2020-4003	1	BCK	Alcohol Analysis
M2020-4019	1	BCK	Alcohol Analysis
M2020-4030	1	BCK	Alcohol Analysis
M2020-4034	1	BCK	Alcohol Analysis
M2020-4035	1	BCK	Alcohol Analysis
M2020-4036	1	BCK	Alcohol Analysis
M2020-4046	2	BCK	Alcohol Analysis
M2020-4047	1	BCK	Alcohol Analysis
M2020-4063	1	BCK	Alcohol Analysis
P2020-3082	3	BCK	Alcohol Analysis

Calibration Table

General Calibration Setting

Calib. Data Modified : Monday, October 05, 2020 11:14:06 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

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	4.46198	1.12058e-2	No	No	1	ethanol
		2	1.00000e-1	8.91385	1.12185e-2				
		3	2.00000e-1	17.74988	1.12677e-2				
		4	3.00000e-1	26.66089	1.12524e-2				
		5	5.00000e-1	44.13263	1.13295e-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	4.55351	1.09805e-2	No	No	2	ethanol
		2	1.00000e-1	9.16385	1.09124e-2				
		3	2.00000e-1	18.41589	1.08602e-2				
		4	3.00000e-1	27.92332	1.07437e-2				
		5	5.00000e-1	46.67204	1.07131e-2				
4.308	1	1	1.00000	6.49940	1.53860e-1	No	No	1	acetone
4.620	1	1	1.00000	46.83429	2.13519e-2	No	Yes	1	n-propanol
		2	1.00000	46.42060	2.15422e-2				
		3	1.00000	45.89629	2.17883e-2				
		4	1.00000	45.90044	2.17863e-2				
		5	1.00000	45.08084	2.21824e-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	48.65120	2.05545e-2	No	Yes	2	n-propanol
		2	1.00000	47.95044	2.08549e-2				
		3	1.00000	47.26522	2.11572e-2				
		4	1.00000	47.20947	2.11822e-2				
		5	1.00000	46.06719	2.17074e-2				

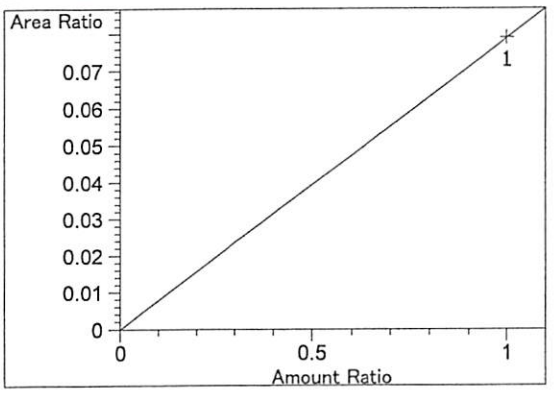
Peak Sum Table

No Entries in table

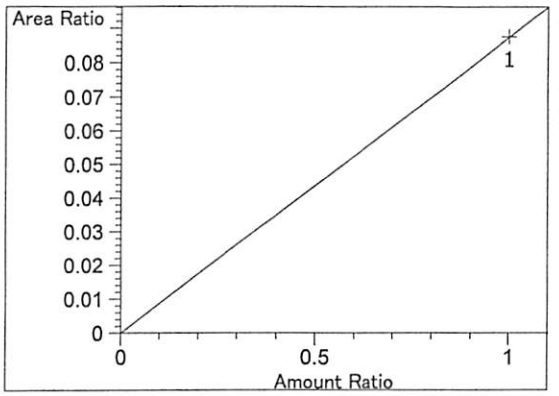
1 Warnings or Errors :

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

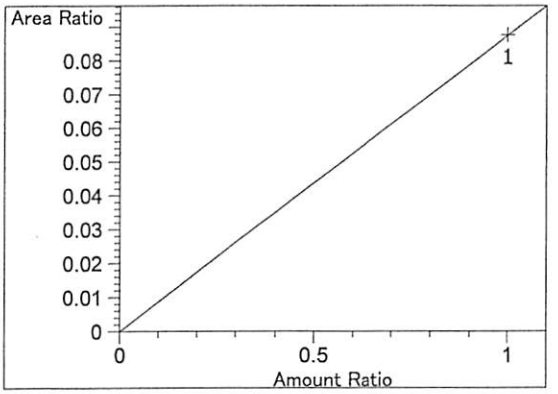
Calibration Curves



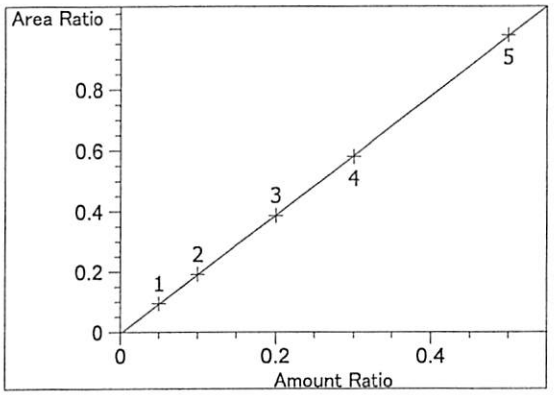
methanol at exp. RT: 2.586
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 7.89314e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



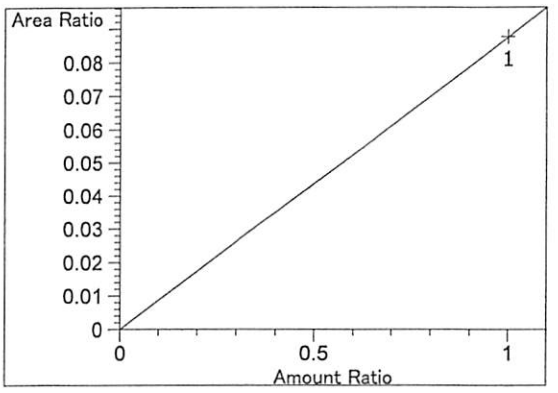
Acetaldehyde at exp. RT: 2.809
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.75826e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



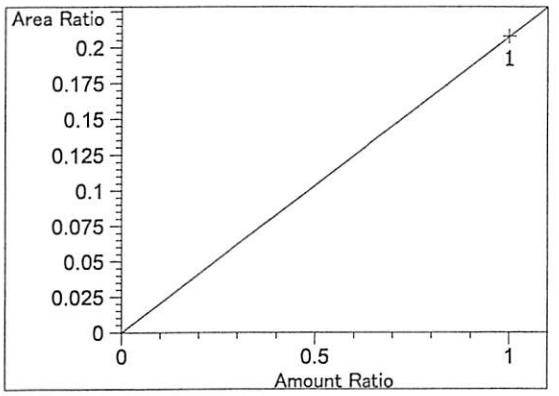
Acetaldehyde at exp. RT: 2.977
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.75826e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



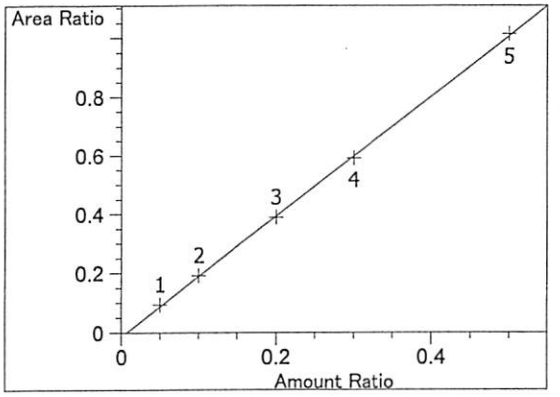
ethanol at exp. RT: 3.075
FID1 A, Front Signal
Correlation: 0.99998
Residual Std. Dev.: 0.00263
Formula: y = mx + b
m: 1.96301
b: -4.72463e-3
x: Amount Ratio
y: Area Ratio



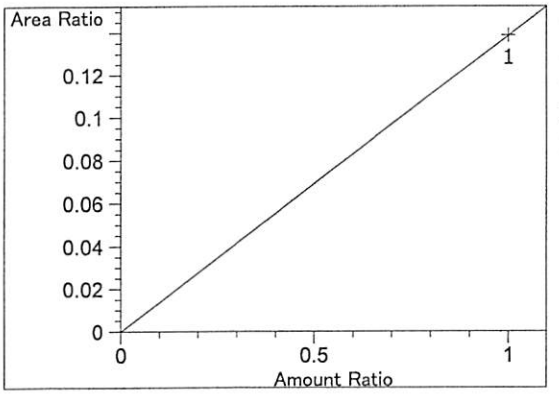
methanol at exp. RT: 3.388
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.75749e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



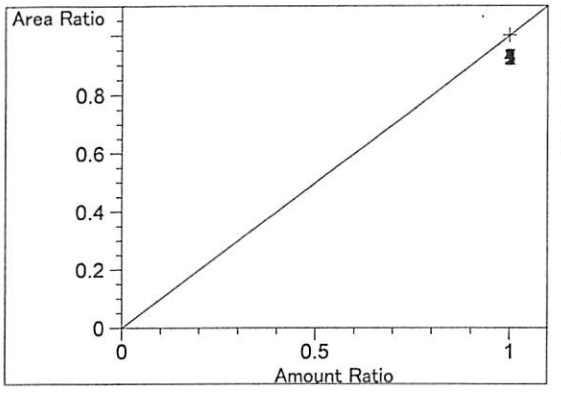
isopropyl alcohol at exp. RT: 3.628
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 2.07766e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



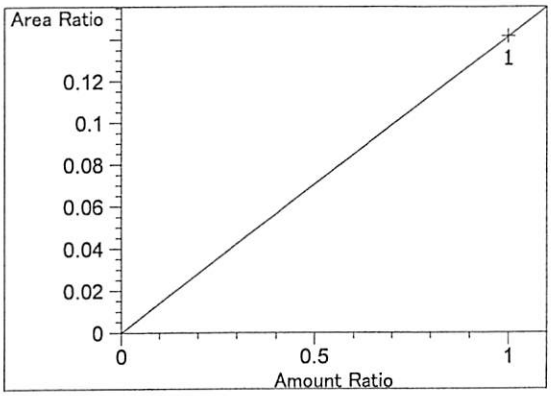
ethanol at exp. RT: 4.285
FID2 B, Back Signal
Correlation: 0.99987
Residual Std. Dev.: 0.00687
Formula: y = mx + b
m: 2.04350
b: -1.42167e-2
x: Amount Ratio
y: Area Ratio



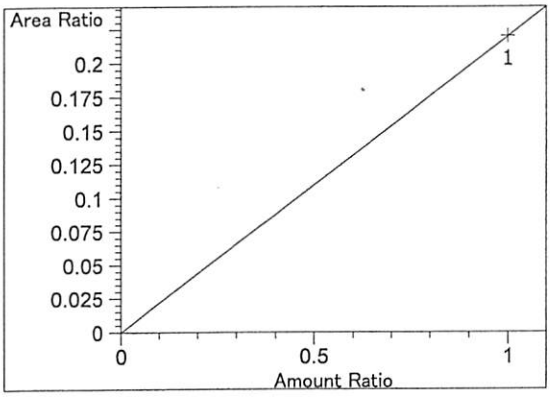
acetone at exp. RT: 4.308
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.38774e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



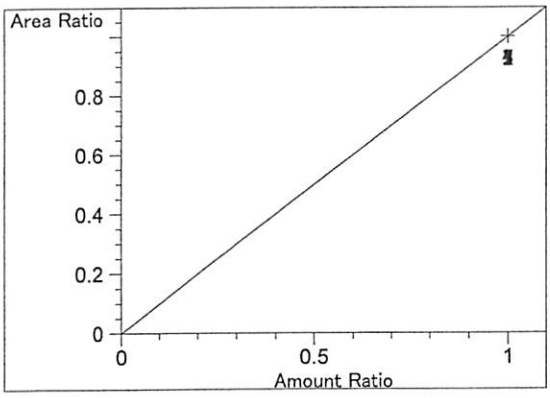
n-propanol at exp. RT: 4.620
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio



acetone at exp. RT: 4.661
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.41682e-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: 2.20065e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio

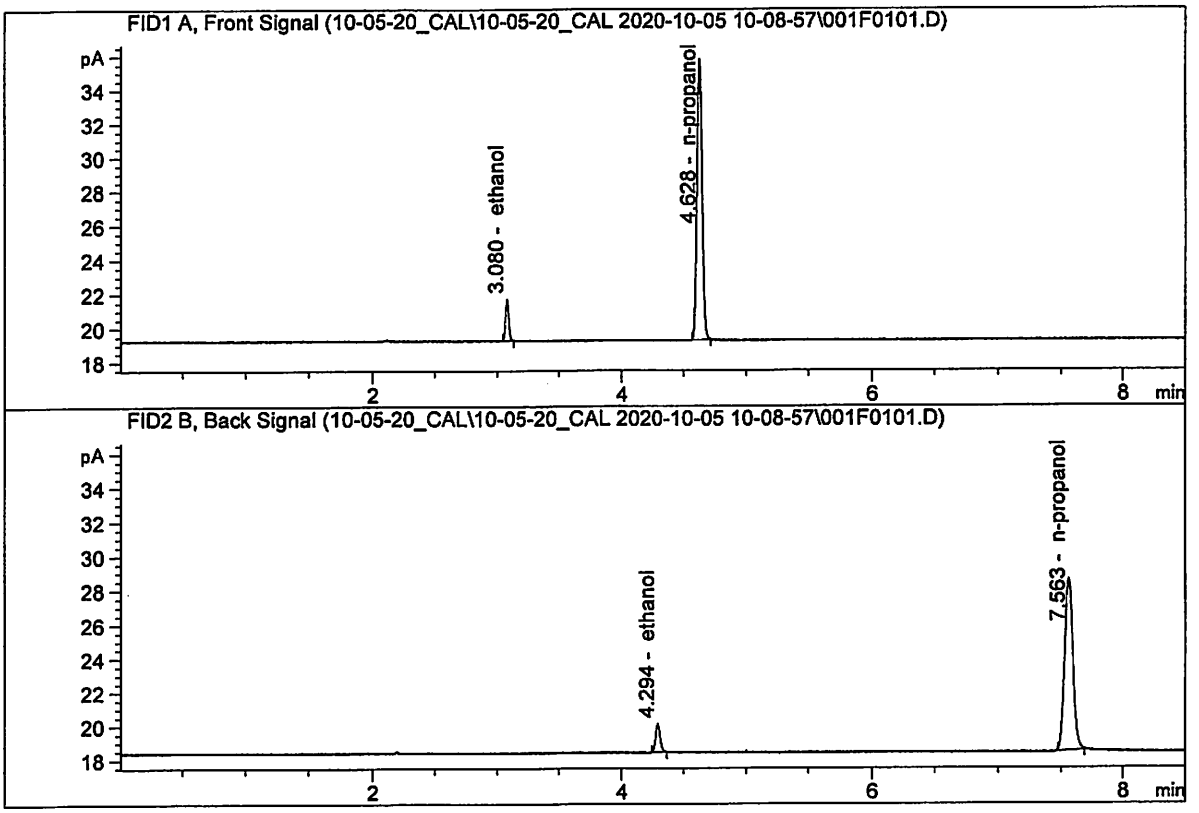


n-propanol at exp. RT: 7.550
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

==========

ISP Forensic Services Blood Alcohol Report

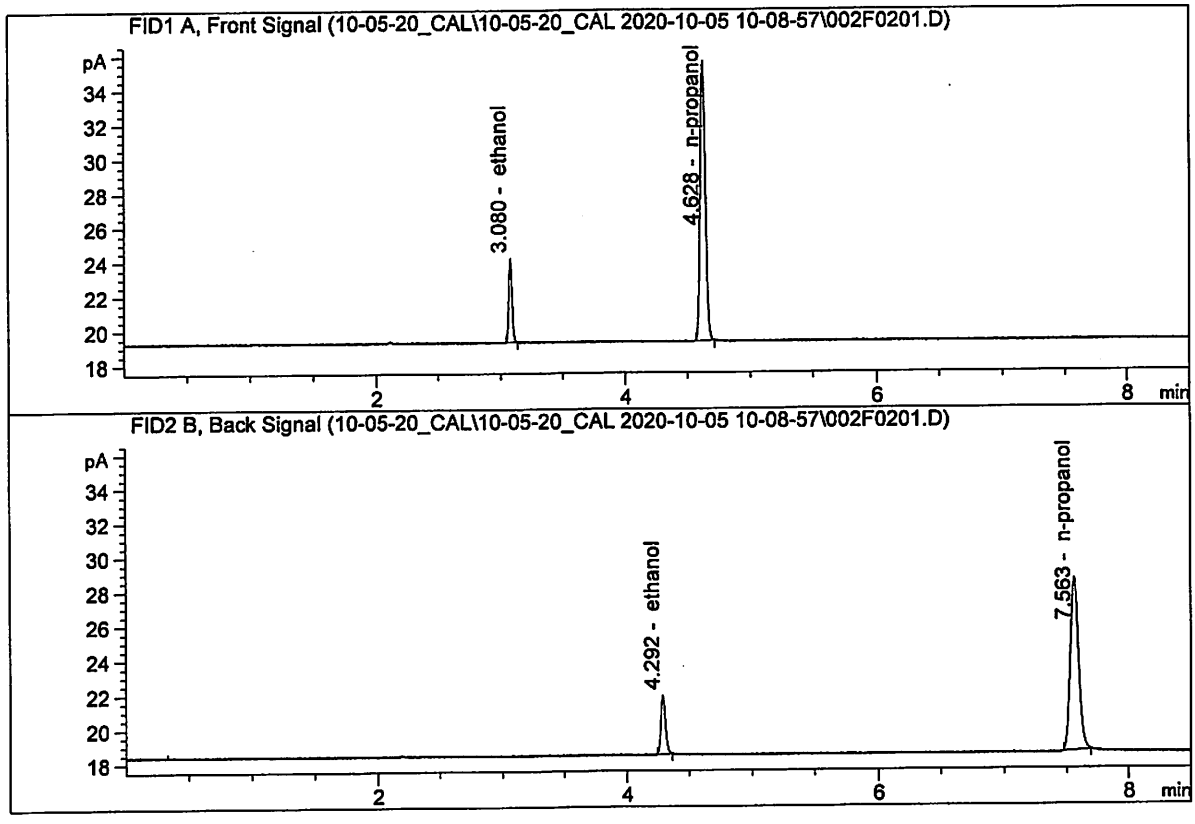
Sample Name : 0.050 FN05211804
Laboratory : Meridian
Injection Date : Oct 5, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	4.46198	0.0509	g/100cc
2.	Ethanol	Column 2:	4.55351	0.0528	g/100cc
3.	n-Propanol	Column 1:	46.83429	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.65120	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

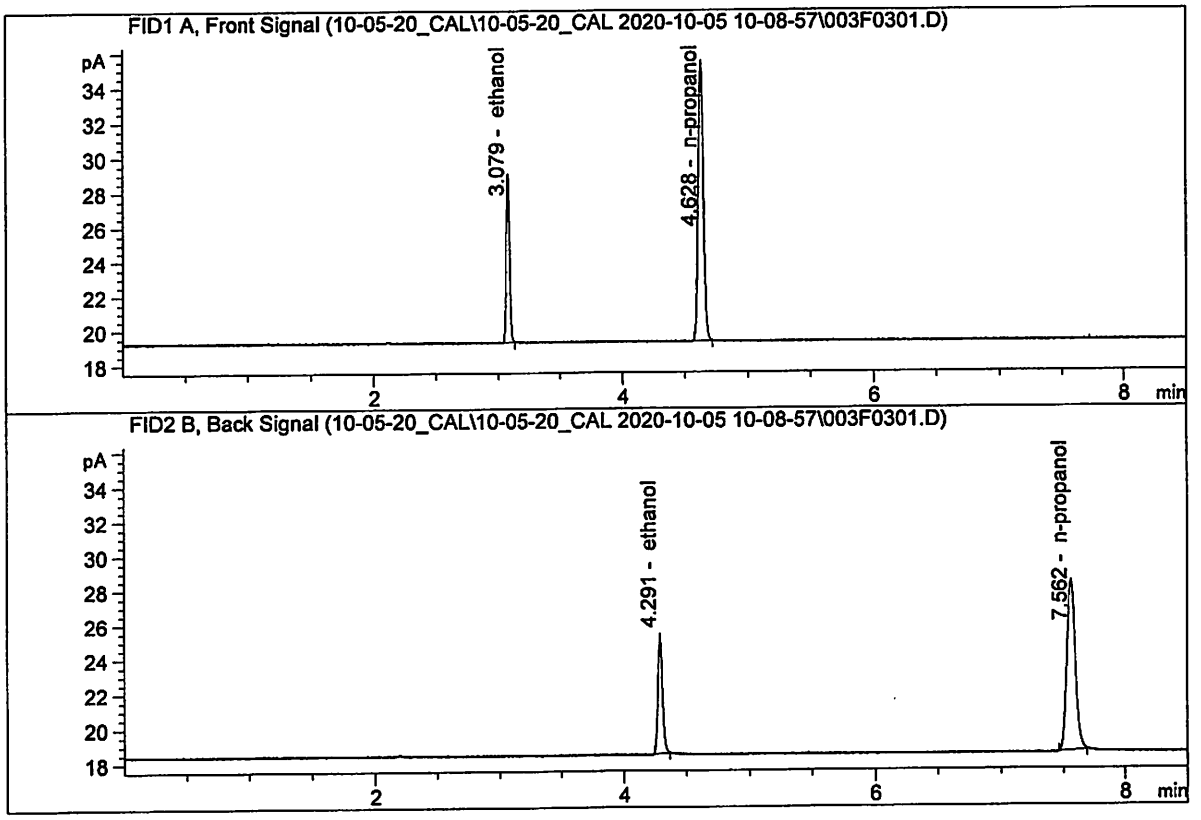
Sample Name : 0.100 FN02271802
Laboratory : Meridian
Injection Date : Oct 5, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	8.91385	0.1002	g/100cc
2.	Ethanol	Column 2:	9.16385	0.1005	g/100cc
3.	n-Propanol	Column 1:	46.42060	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.95044	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

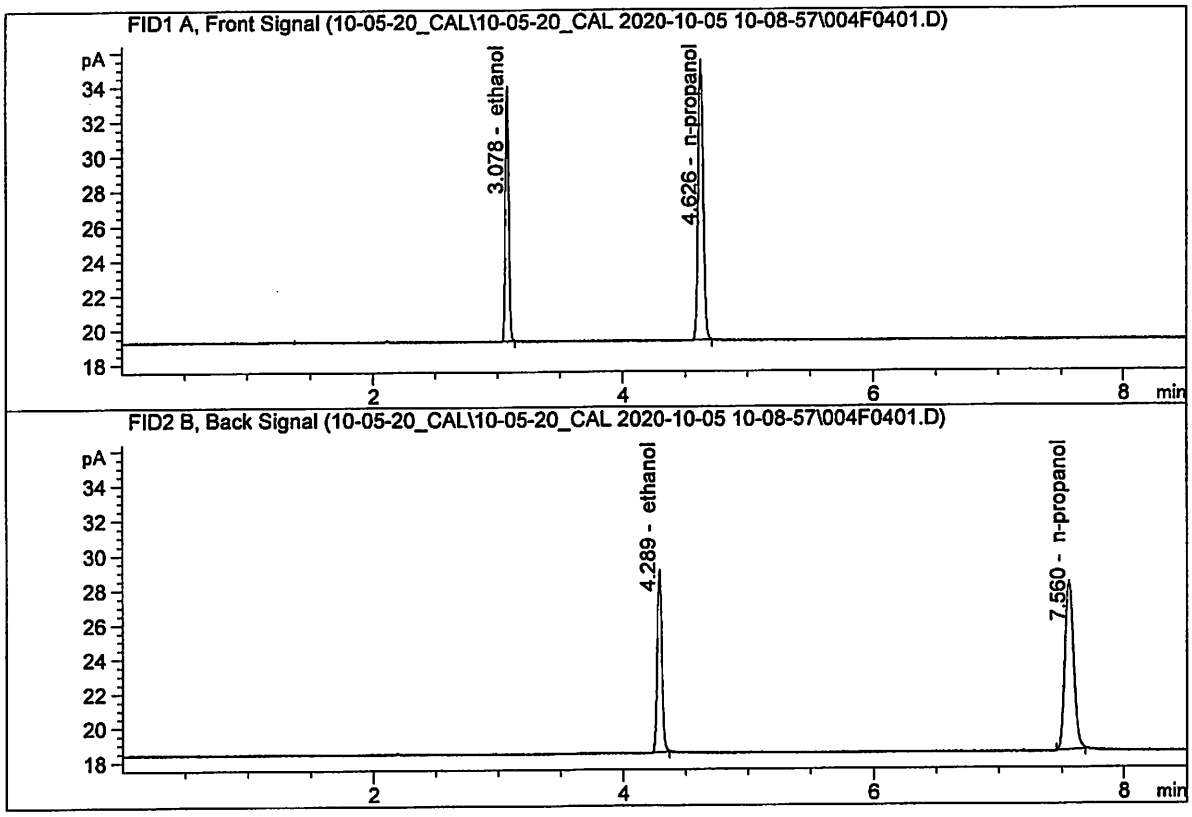
Sample Name : 0.200 FN06231704
Laboratory : Meridian
Injection Date : Oct 5, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.74988	0.1994	g/100cc
2.	Ethanol	Column 2:	18.41589	0.1976	g/100cc
3.	n-Propanol	Column 1:	45.89629	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.26522	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.300 FN07311804
Laboratory : Meridian
Injection Date : Oct 5, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

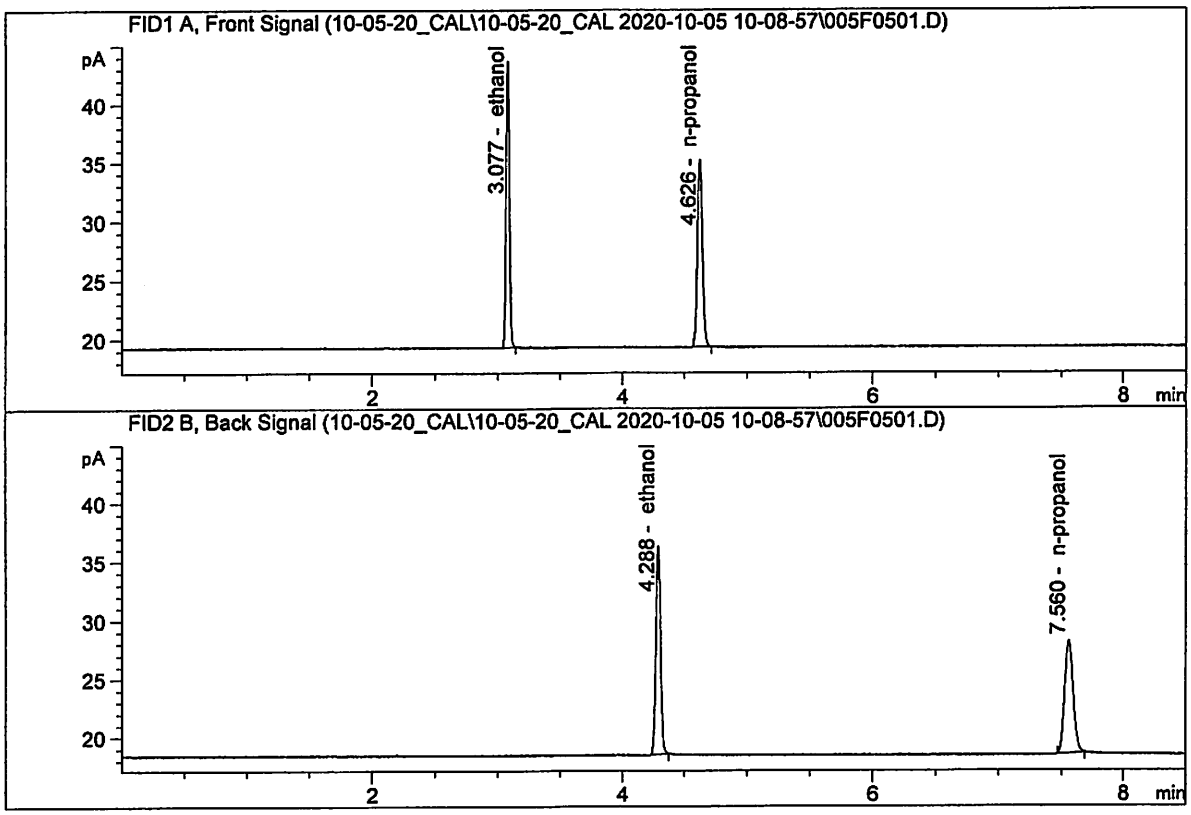


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	26.66089	0.2983	g/100cc
2.	Ethanol	Column 2:	27.92332	0.2964	g/100cc
3.	n-Propanol	Column 1:	45.90044	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.20947	1.0000	g/100cc

W

ISP Forensic Services Blood Alcohol Report

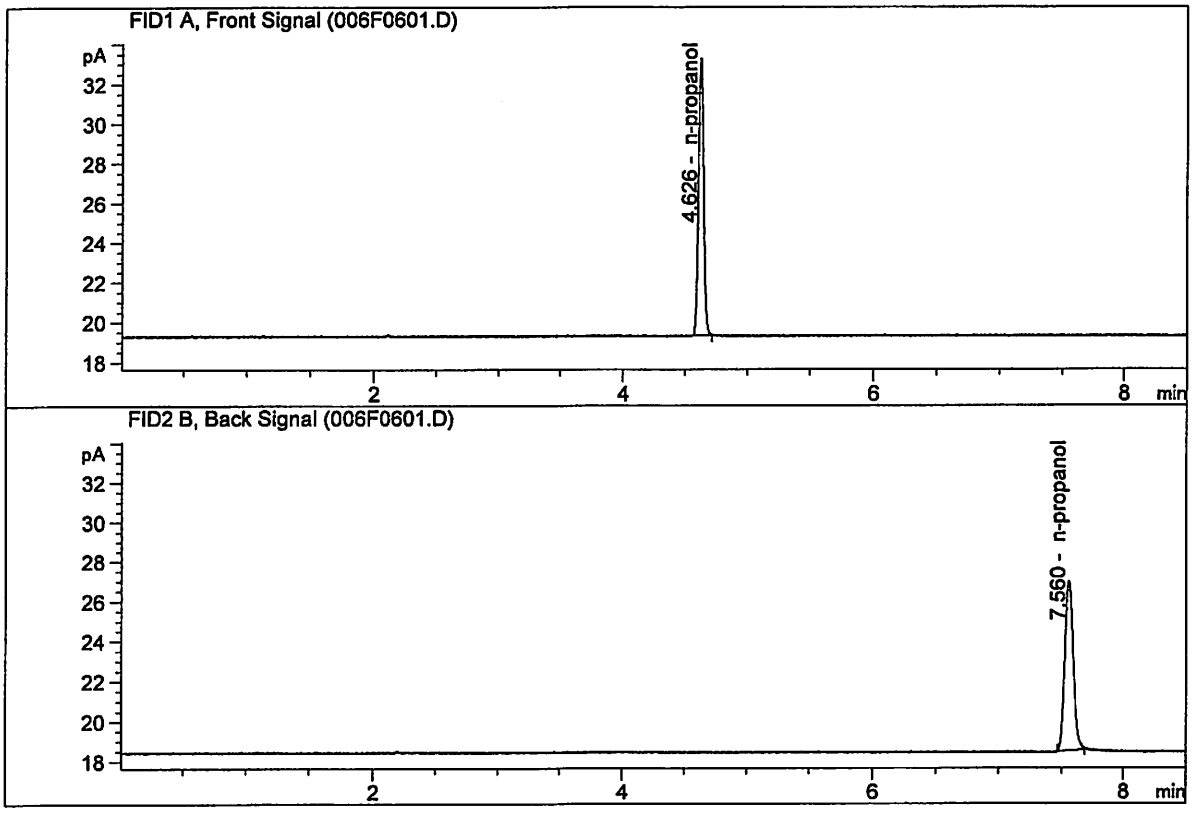
Sample Name : 0.500 FN08241801
Laboratory : Meridian
Injection Date : Oct 5, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	44.13263	0.5011	g/100cc
2.	Ethanol	Column 2:	46.67204	0.5027	g/100cc
3.	n-Propanol	Column 1:	45.08084	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.06719	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STANDARD BLANK
Laboratory : Meridian
Injection Date : Oct 5, 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:	39.70404	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.52530	1.0000	g/100cc

W

Sample Summary

Sequence table: C:\Chem32\1\Data\10-05-20_CAL\10-05-20_CAL 2020-10-05 10-08-57\10-05-20_CAL.S
Data directory path: C:\Chem32\1\Data\10-05-20_CAL\10-05-20_CAL 2020-10-05 10-08-57\
Logbook: C:\Chem32\1\Data\10-05-20_CAL\10-05-20_CAL 2020-10-05 10-08-57\10-05-20_CAL.LOG
Sequence start: 10/5/2020 10:23:34 AM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\10-05-20_CAL\10-05-20_CAL 2020-10-05 10-08-57\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 FN08241801	-	1.0000	005F0501.D	*	4
6	6	1	INTERNAL STANDAR	-	1.0000	006F0601.D		2

Sequence File C:\Chem32\...0_SAMPLES\10-13-20_SAMPLES 2020-10-13 11-15-21\10-13-20_SAMPLES.S

Sample Summary

Sequence table: C:\Chem32\1\Data\10-13-20_SAMPLES\10-13-20_SAMPLES 2020-10-13 11-15-21\10-13-20_SAMPLES.S
Data directory path: C:\Chem32\1\Data\10-13-20_SAMPLES\10-13-20_SAMPLES 2020-10-13 11-15-21\
Logbook: C:\Chem32\1\Data\10-13-20_SAMPLES\10-13-20_SAMPLES 2020-10-13 11-15-21\10-13-20_SAMPLES.LOG
Sequence start: 10/13/2020 11:30:05 AM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\10-13-20_SAMPLES\10-13-20_SAMPLES 2020-10-13 11-15-21\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 FN071017	-	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	M2020-3938-1-A	-	1.0000	007F0701.D		4
8	8	1	M2020-3938-1-B	-	1.0000	008F0801.D		4
9	9	1	M2020-3939-1-A	-	1.0000	009F0901.D		2
10	10	1	M2020-3939-1-B	-	1.0000	010F1001.D		2
11	11	1	M2020-3940-1-A	-	1.0000	011F1101.D		2
12	12	1	M2020-3940-1-B	-	1.0000	012F1201.D		2
13	13	1	M2020-3947-1-A	-	1.0000	013F1301.D		2
14	14	1	M2020-3947-1-B	-	1.0000	014F1401.D		2
15	15	1	M2020-3961-1-A	-	1.0000	015F1501.D		4
16	16	1	M2020-3961-1-B	-	1.0000	016F1601.D		4
17	17	1	M2020-3983-1-A	-	1.0000	017F1701.D		4
18	18	1	M2020-3983-1-B	-	1.0000	018F1801.D		4
19	19	1	M2020-3990-1-A	-	1.0000	019F1901.D		4
20	20	1	M2020-3990-1-B	-	1.0000	020F2001.D		4
21	21	1	M2020-4003-1-A	-	1.0000	021F2101.D		4
22	22	1	M2020-4003-1-B	-	1.0000	022F2201.D		4
23	23	1	M2020-4019-1-A	-	1.0000	023F2301.D		4
24	24	1	M2020-4019-1-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	M2020-4030-1-A	-	1.0000	027F2701.D		4
28	28	1	M2020-4030-1-B	-	1.0000	028F2801.D		4
29	29	1	M2020-4034-1-A	-	1.0000	029F2901.D		4
30	30	1	M2020-4034-1-B	-	1.0000	030F3001.D		4
31	31	1	M2020-4035-1-A	-	1.0000	031F3101.D		4
32	32	1	M2020-4035-1-B	-	1.0000	032F3201.D		4
33	33	1	M2020-4036-1-A	-	1.0000	033F3301.D		4
34	34	1	M2020-4036-1-B	-	1.0000	034F3401.D		4
35	35	1	M2020-4046-2-A	-	1.0000	035F3501.D		4
36	36	1	M2020-4046-2-B	-	1.0000	036F3601.D		4
37	37	1	M2020-4047-1-A	-	1.0000	037F3701.D		4
38	38	1	M2020-4047-1-B	-	1.0000	038F3801.D		4
39	39	1	M2020-4063-1-A	-	1.0000	039F3901.D		4
40	40	1	M2020-4063-1-B	-	1.0000	040F4001.D		4
41	41	1	P2020-3082-3-A	-	1.0000	041F4101.D		2
42	42	1	P2020-3082-3-B	-	1.0000	042F4201.D		2
43	43	1	QC1-2-A	-	1.0000	043F4301.D		4

Sequence File C:\Chem32\...0_SAMPLES\10-13-20_SAMPLES 2020-10-13 11-15-21\10-13-20_SAMPLES.S

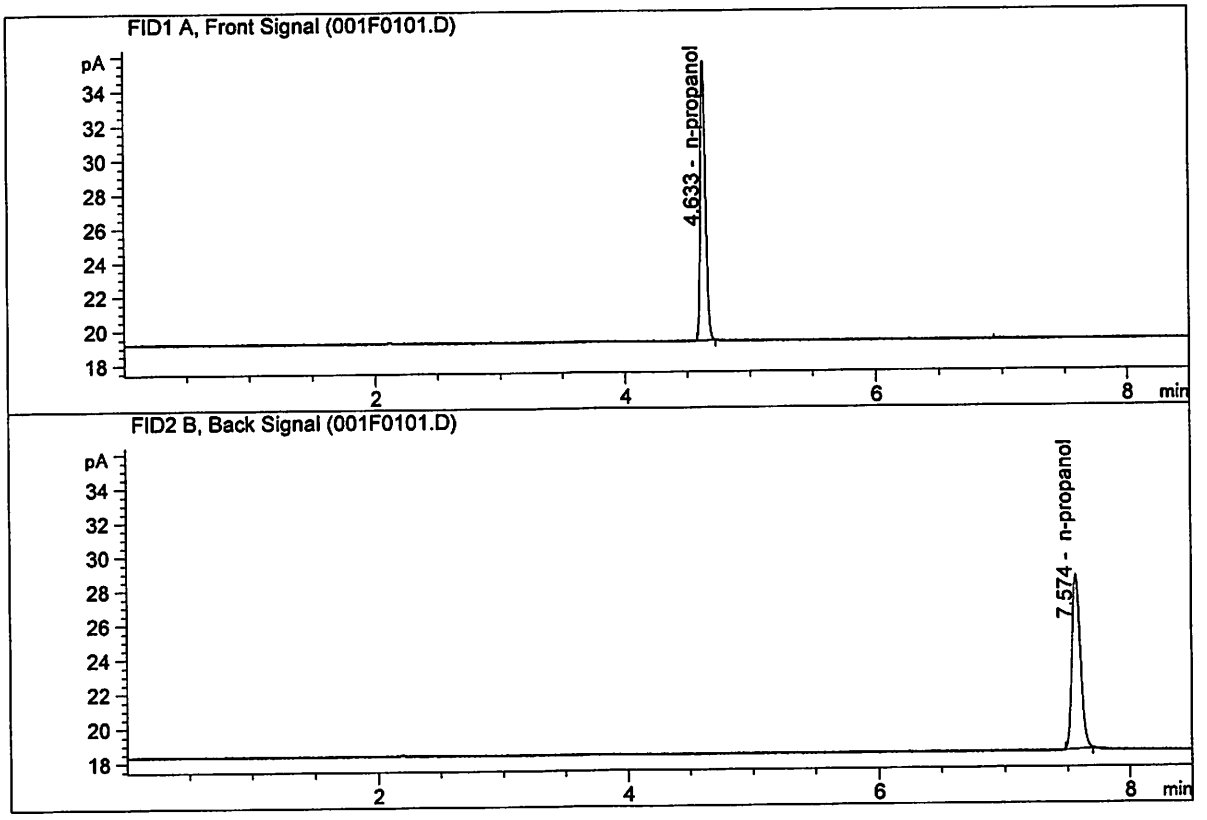
Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
44	44	1	QC1-2-B	-	1.0000	044F4401.D	4
45	45	1	INTERNAL STD BLK	-	1.0000	045F4501.D	2

Method file name: C:\Chem32\1\Data\10-13-20_SAMPLES\10-13-20_SAMPLES 2020-10-13 11-15-21 \SHUTDOWN.M

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

ISP Forensic Services Blood Alcohol Report

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

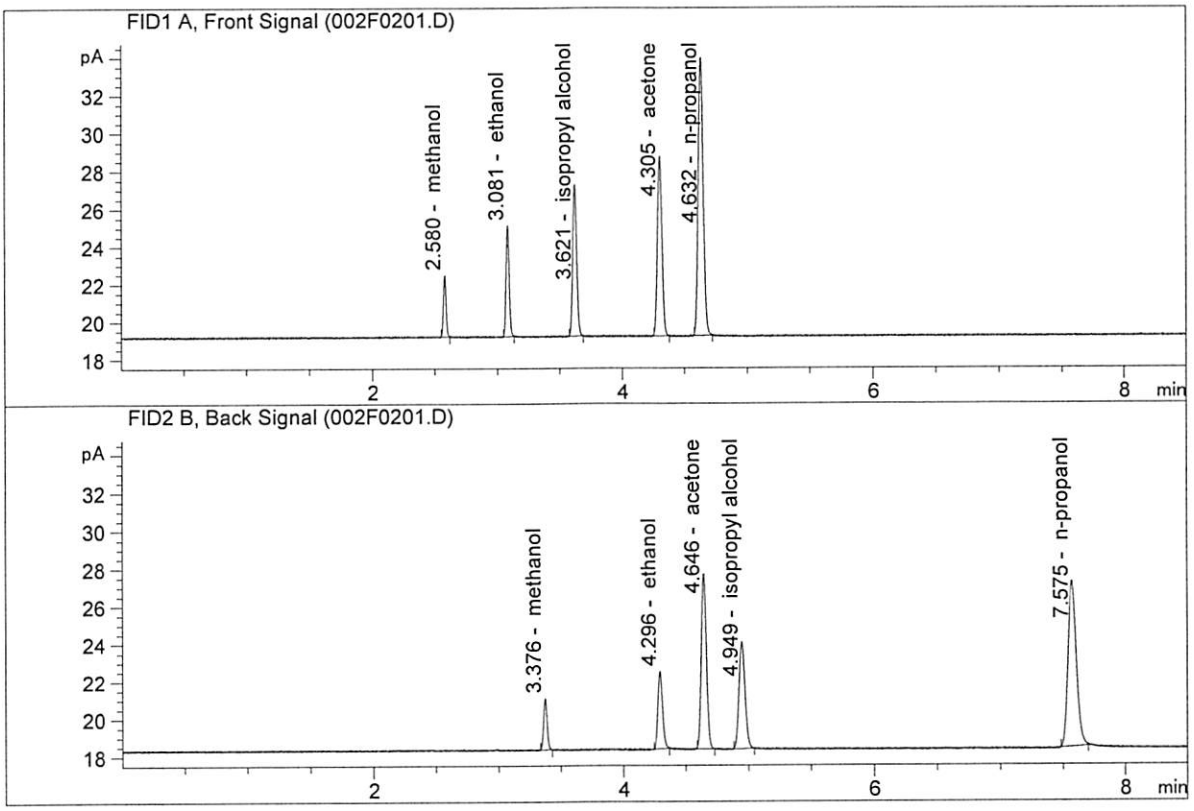


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	46.47498	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.43888	1.0000	g/100cc

W

ISP Forensic Services Blood Alcohol Report

Sample Name : MIX VOL FN07101701
Laboratory : Meridian
Injection Date : Oct 13, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	10.39417	0.1304	g/100cc
2.	Ethanol	Column 2:	10.82825	0.1324	g/100cc
3.	n-Propanol	Column 1:	41.35681	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.23580	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

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

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results (g/100cc)	0.0716	0.0735	0.0019	0.0725	0.0004	0.0723
	0.0716	0.0726	0.0010	0.0721		

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
0.072	0.068	0.076	0.004

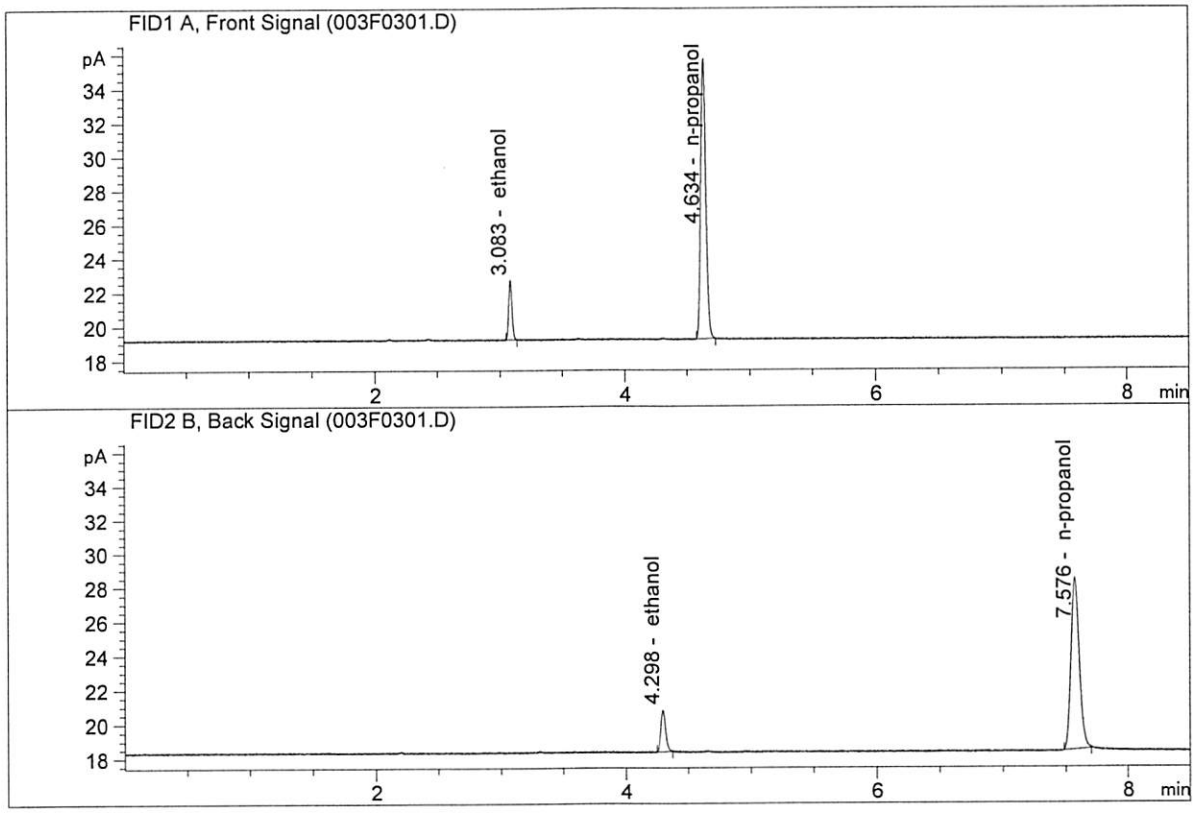
Reported Result

0.072

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

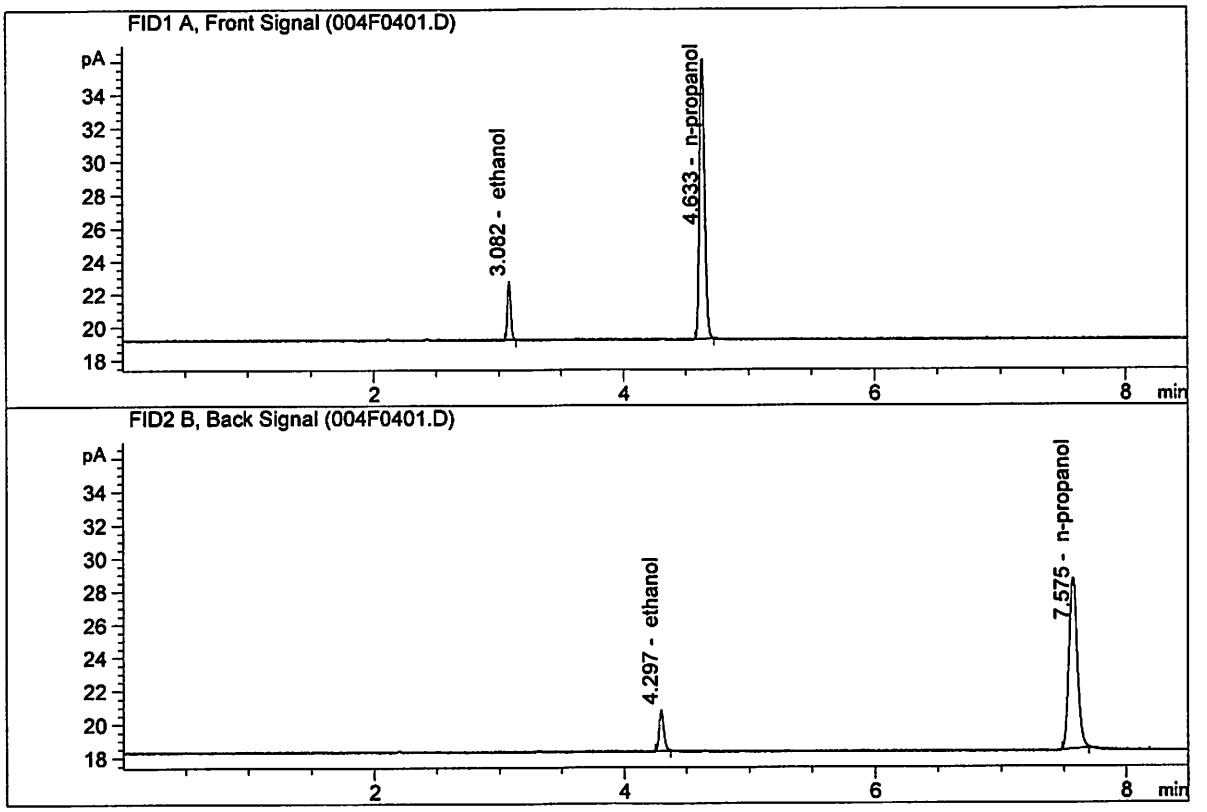
Sample Name : QC1-1-A
Laboratory : Meridian
Injection Date : Oct 13, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.37173	0.0716	g/100cc
2.	Ethanol	Column 2:	6.53967	0.0735	g/100cc
3.	n-Propanol	Column 1:	46.88177	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.09957	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

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



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.54522	0.0716	g/100cc
2.	Ethanol	Column 2:	6.62903	0.0726	g/100cc
3.	n-Propanol	Column 1:	48.21741	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.42031	1.0000	g/100cc

W

VOLATILES DETERMINATION CASEFILE WORKSHEET

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

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0727	0.0740	0.0013	0.0733	0.0000	0.0733
(g/100cc)	0.0727	0.0740	0.0013	0.0733		

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%**

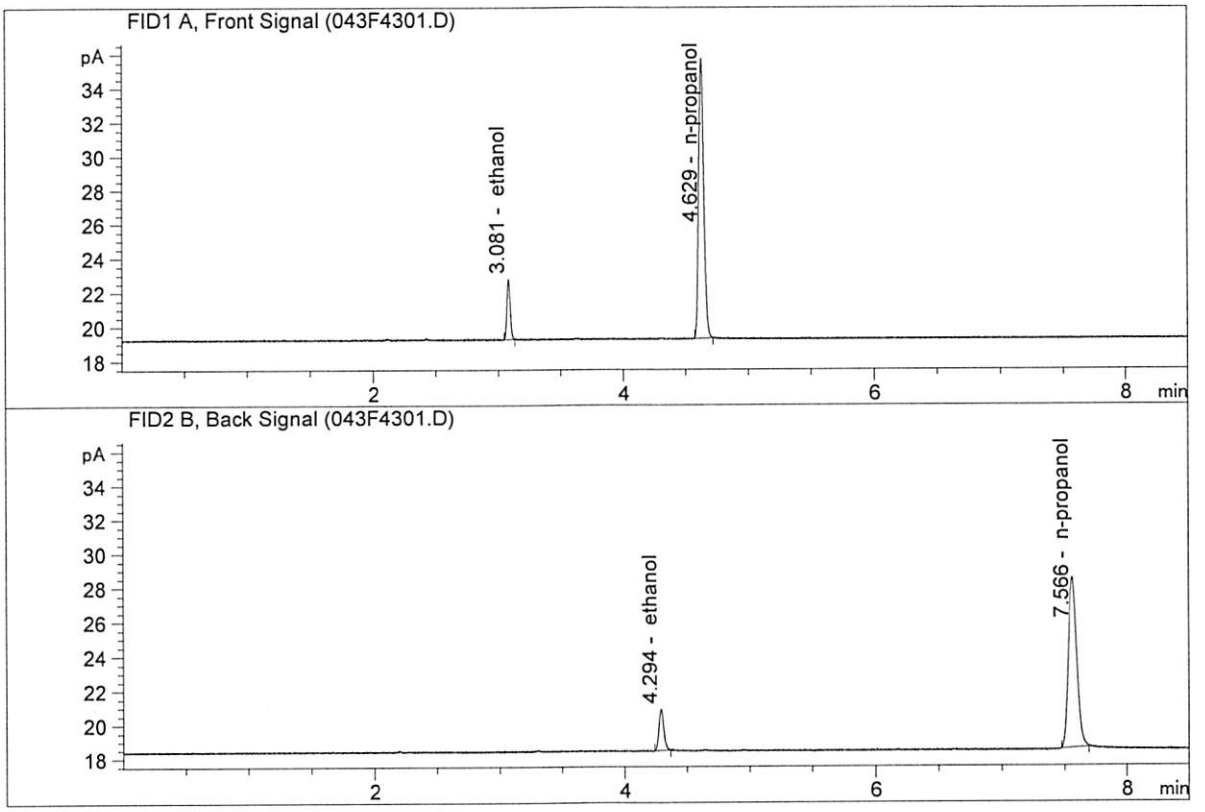
Overall Mean (g/100cc)	Low	High	5% of Mean
0.073	0.069	0.077	0.004

	Reported Result	
	0.073	

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

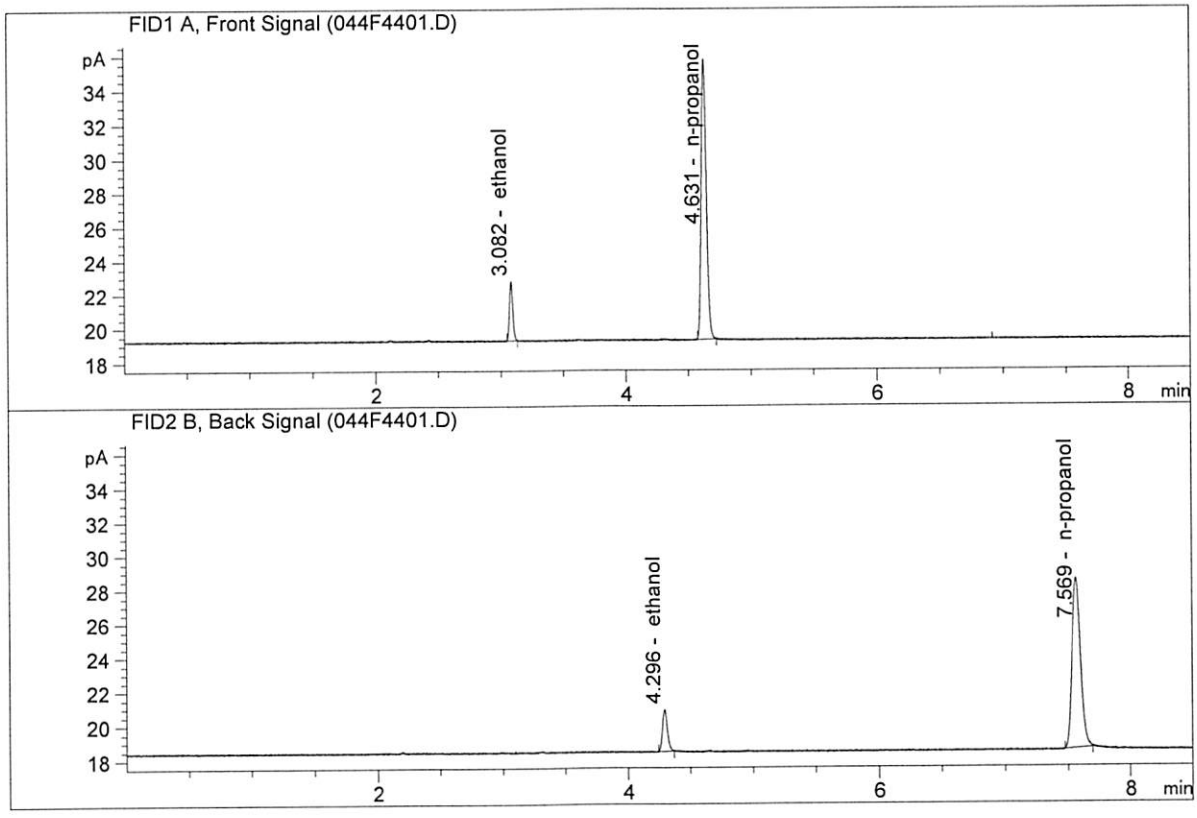
Sample Name : QC1-2-A
Laboratory : Meridian
Injection Date : Oct 13, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.44777	0.0727	g/100cc
2.	Ethanol	Column 2:	6.54022	0.0740	g/100cc
3.	n-Propanol	Column 1:	46.69903	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.76216	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

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



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.46889	0.0727	g/100cc
2.	Ethanol	Column 2:	6.56808	0.0740	g/100cc
3.	n-Propanol	Column 1:	46.86028	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.92063	1.0000	g/100cc

W

VOLATILES DETERMINATION CASEFILE WORKSHEET

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

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.1918	0.1910	0.0008	0.1914	0.0016	0.1922
(g/100cc)	0.1935	0.1925	0.0010	0.1930		

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%**

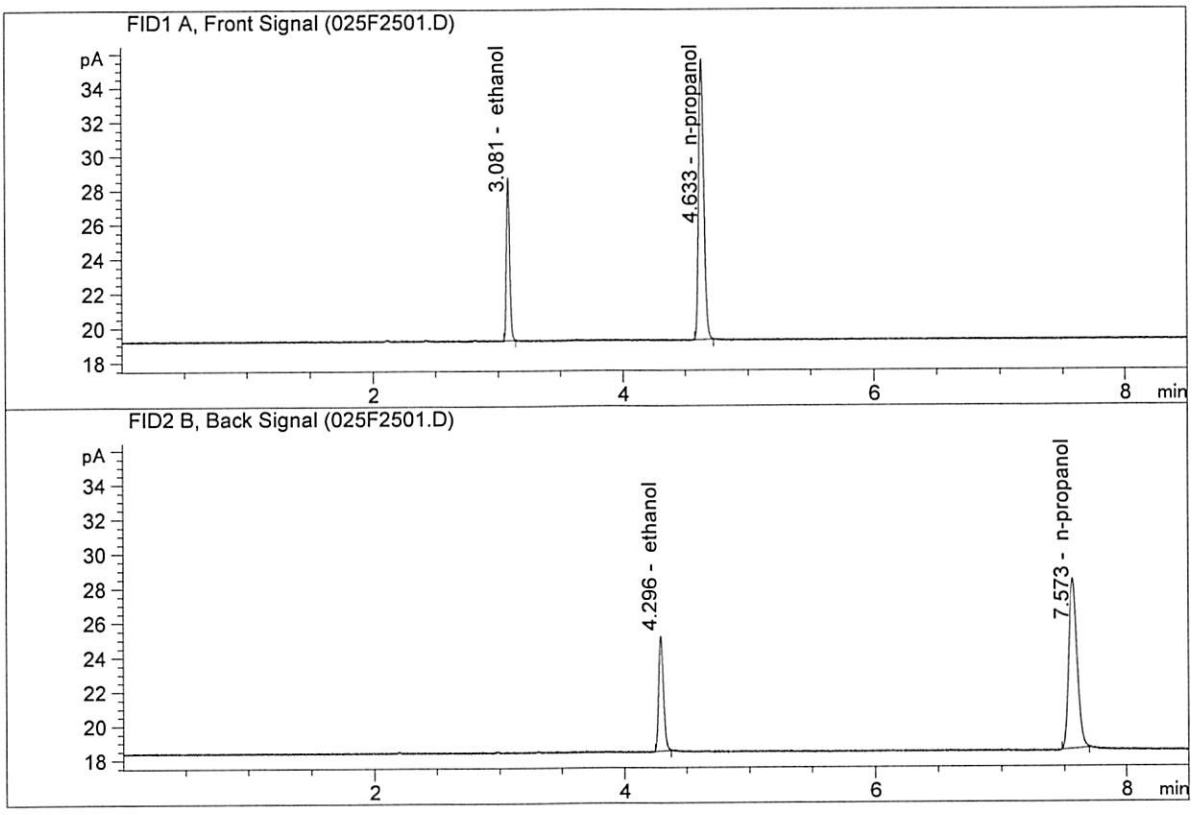
Overall Mean (g/100cc)	Low	High	5% of Mean
0.192	0.182	0.202	0.010

Reported Result
0.192

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

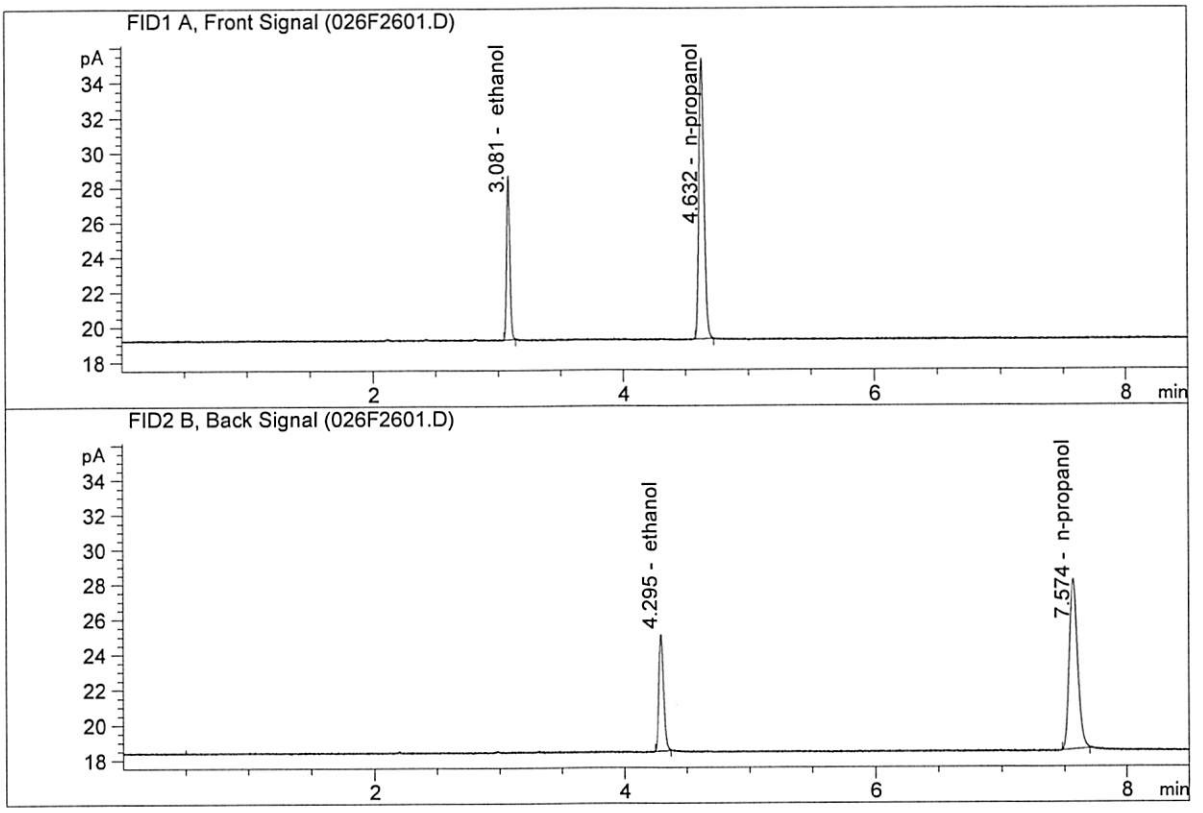
Sample Name : QC2-1-A
Laboratory : Meridian
Injection Date : Oct 13, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.29487	0.1918	g/100cc
2.	Ethanol	Column 2:	17.82121	0.1910	g/100cc
3.	n-Propanol	Column 1:	46.52213	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.38266	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

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



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.09127	0.1935	g/100cc
2.	Ethanol	Column 2:	17.60976	0.1925	g/100cc
3.	n-Propanol	Column 1:	45.55202	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.44271	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

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

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0801	0.0811	0.0010	0.0806	0.0003	0.0807
(g/100cc)	0.0806	0.0812	0.0006	0.0809		

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%**

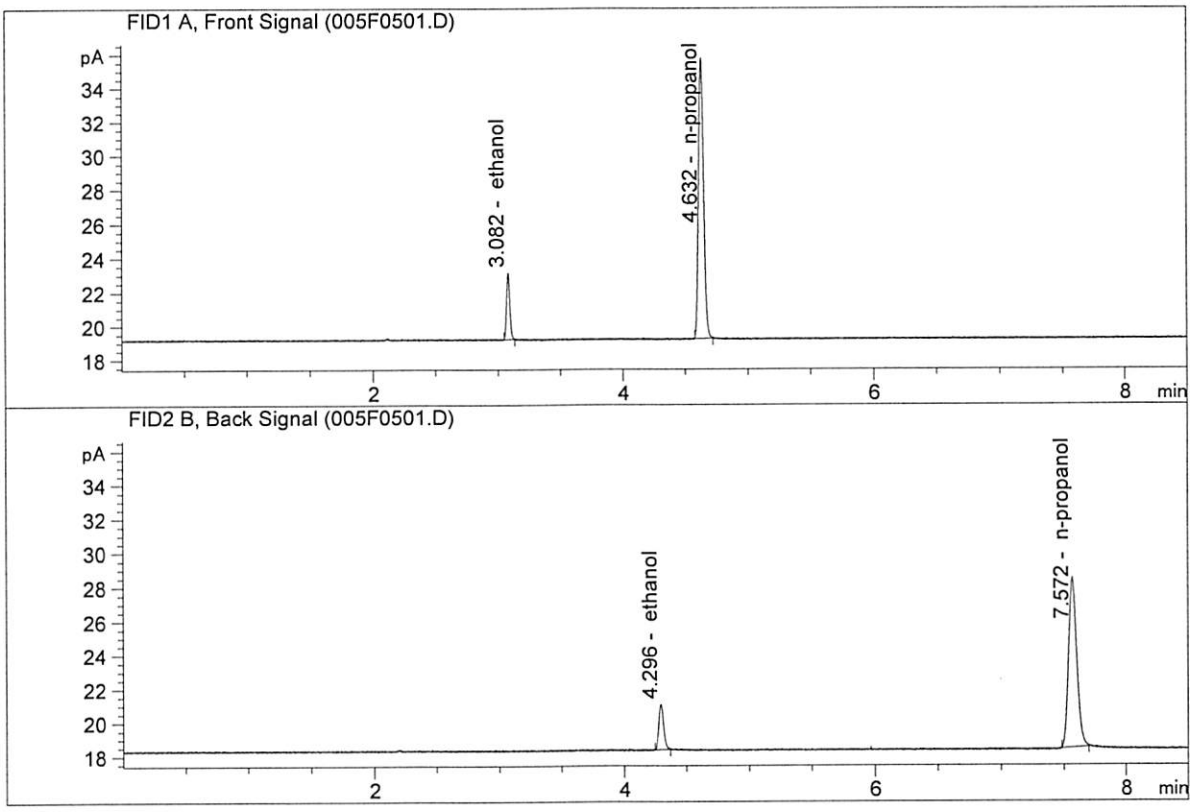
Overall Mean (g/100cc)	Low	High	5% of Mean
0.080	0.076	0.084	0.004

	Reported Result	
	0.080	

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

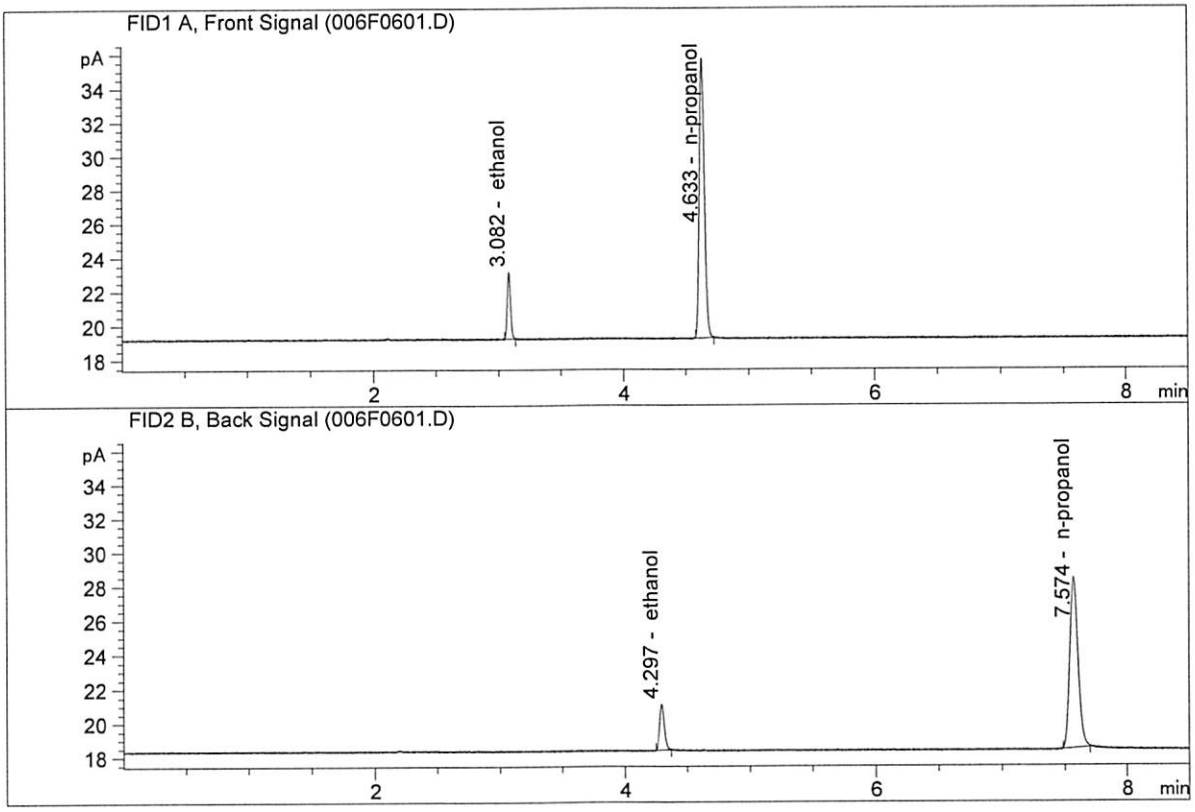
Sample Name : 0.08 FN04171701-A
Laboratory : Meridian
Injection Date : Oct 13, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.16507	0.0801	g/100cc
2.	Ethanol	Column 2:	7.29694	0.0811	g/100cc
3.	n-Propanol	Column 1:	47.00861	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.18884	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

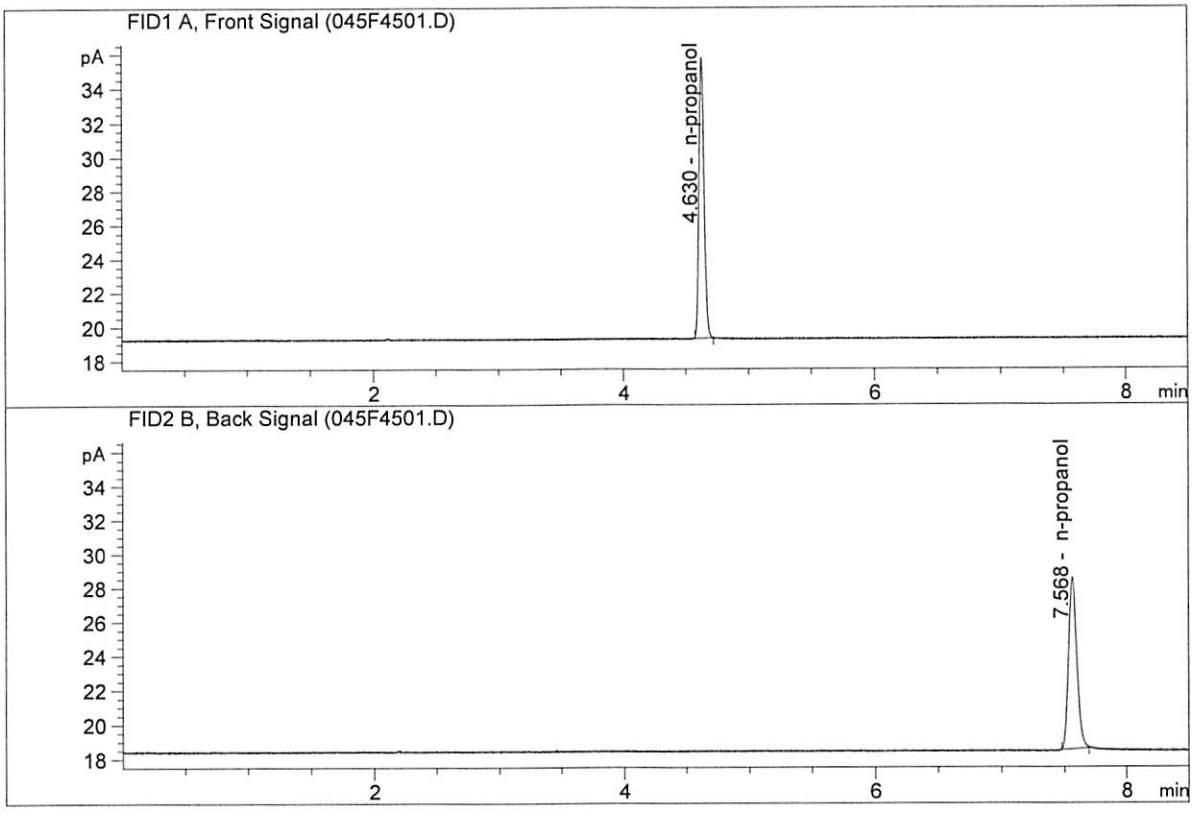
Sample Name : 0.08 FN04171701-B
Laboratory : Meridian
Injection Date : Oct 13, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.19097	0.0806	g/100cc
2.	Ethanol	Column 2:	7.27412	0.0812	g/100cc
3.	n-Propanol	Column 1:	46.87305	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.93883	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : Oct 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:	46.78644	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.87917	1.0000	g/100cc

W