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): 7/28/20-7/29/20 (calibration: 7/23)**

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jan-22	1801036	0.0812	0.0731-0.0893	0.0789 g/100cc
					0.0804 g/100cc
					g/100cc
Level 2	Mar-22	1803028	0.2035	0.1832-0.2238	0.1986 g/100cc
					0.1976 g/100cc
					g/100cc

Multi-Component mixture:			**Lot #**	FN06041502	OK
Curve Fit:	**Column 1**	0.99999	**Column2**		0.99996

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0504	0.0519	0.0015	0.0511
100	0.100	0.090 - 0.110	0.0998	0.0994	0.0004	0.0996
200	0.200	0.180 - 0.220	0.2005	0.1995	0.001	0.2
300	0.300	0.270 - 0.330	0.2985	0.2978	0.0007	0.2981
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5006	0.5015	0.0009	0.501

Aqueous Controls

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

NB

7/28/2020

Worklist: 4397

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
M2020-2829	1	BCK	Alcohol Analysis
M2020-2844	1	BCK	Alcohol Analysis
M2020-2852	1	BCK	Alcohol Analysis
M2020-2853	1	BCK	Alcohol Analysis
M2020-2854	1	BCK	Alcohol Analysis
M2020-2855	1	BCK	Alcohol Analysis
M2020-2857	1	BCK	Alcohol Analysis
M2020-2867	1	BCK	Alcohol Analysis
M2020-2870	1	BCK	Alcohol Analysis
M2020-2873	1	BCK	Alcohol Analysis
M2020-2874	1	BCK	Alcohol Analysis
M2020-2875	1	BCK	Alcohol Analysis
M2020-2876	1	BCK	Alcohol Analysis
M2020-2877	1	BCK	Alcohol Analysis
M2020-2878	1	BCK	Alcohol Analysis
M2020-2879	1	BCK	Alcohol Analysis
M2020-2880	1	BCK	Alcohol Analysis
P2020-2109	1	BCK	Alcohol Analysis
P2020-2109	2	BCK	Alcohol Analysis
P2020-2154	2	BCK	Alcohol Analysis

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1 **Analysis Date(s): 28 Jul 2020**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0790	0.0793	0.0003	0.0791	0.0004	0.0789
(g/100cc)	0.0783	0.0791	0.0008	0.0787		

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

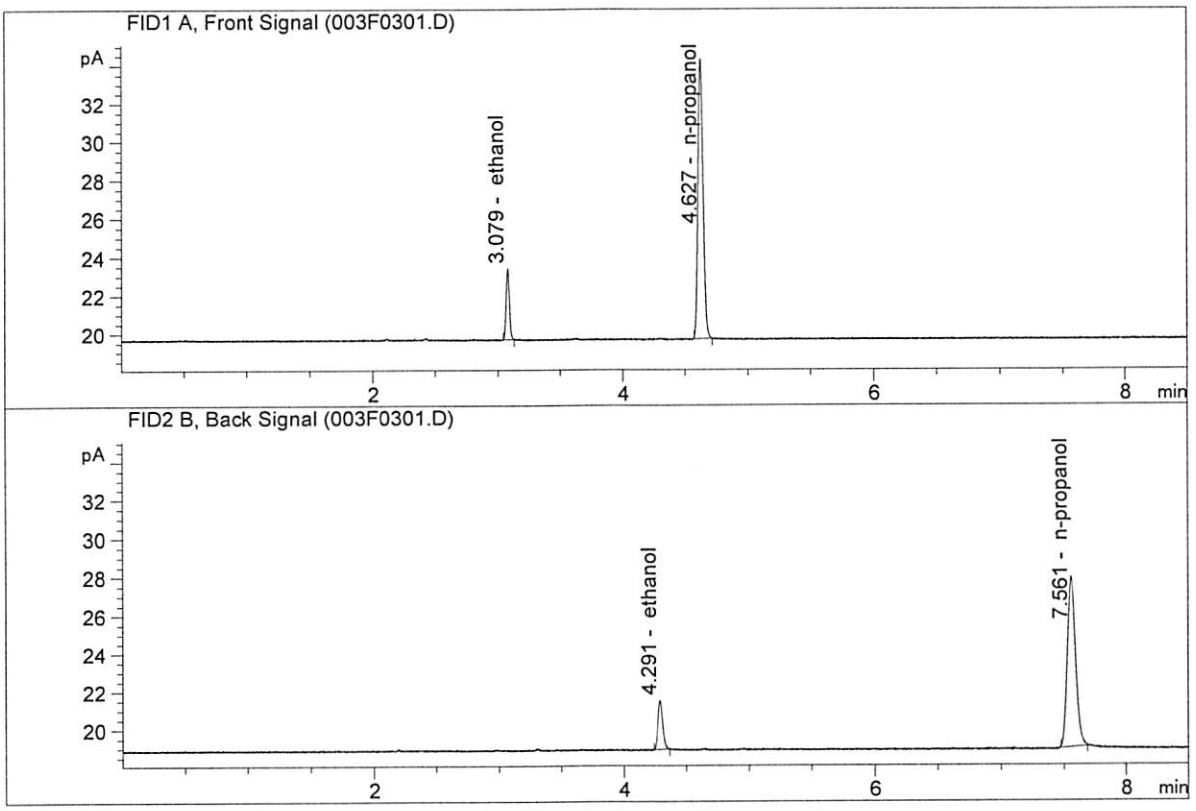
Reported Result

0.078

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-A
Laboratory : Meridian
Injection Date : Jul 28, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

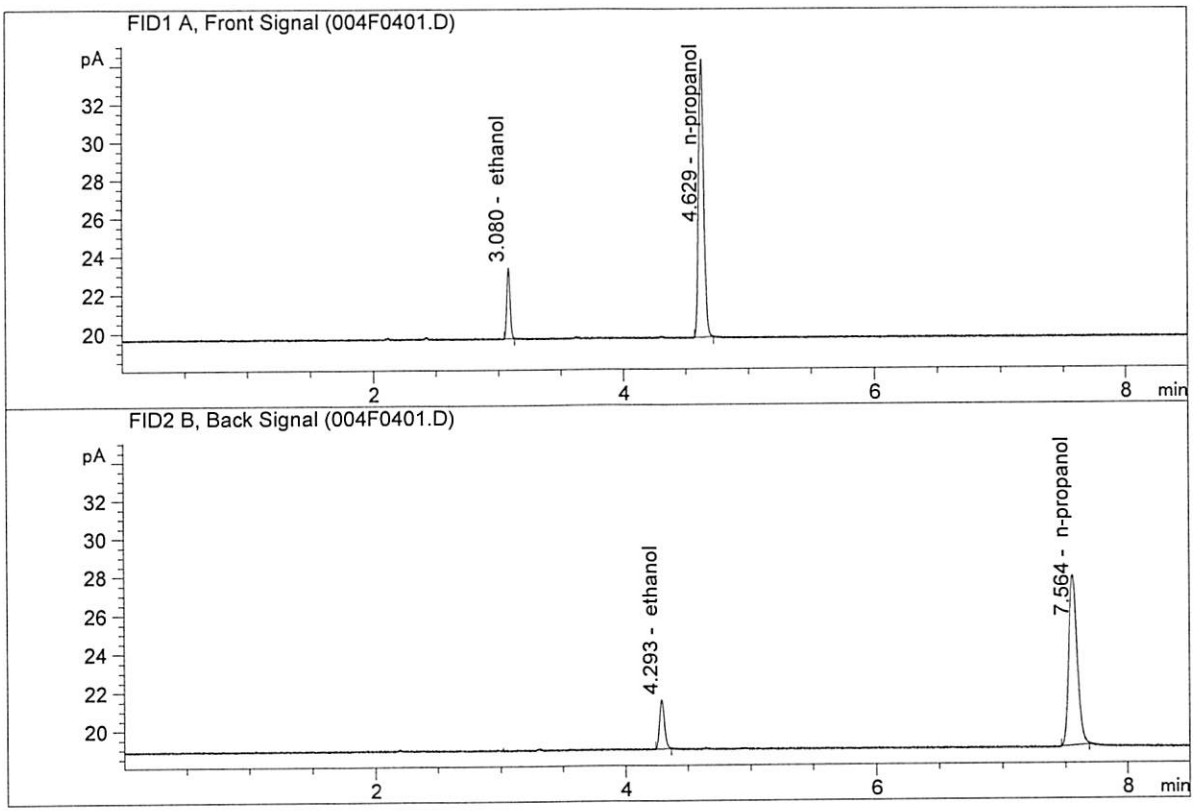


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.82740	0.0790	g/100cc
2.	Ethanol	Column 2:	7.00580	0.0793	g/100cc
3.	n-Propanol	Column 1:	41.63226	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.84277	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-B
Laboratory : Meridian
Injection Date : Jul 28, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.77019	0.0783	g/100cc
2.	Ethanol	Column 2:	6.98184	0.0791	g/100cc
3.	n-Propanol	Column 1:	41.62661	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.78449	1.0000	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-2 **Analysis Date(s): 29 Jul 2020**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0796	0.0807	0.0011	0.0801	0.0006	0.0804
(g/100cc)	0.0805	0.0810	0.0005	0.0807		

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%**

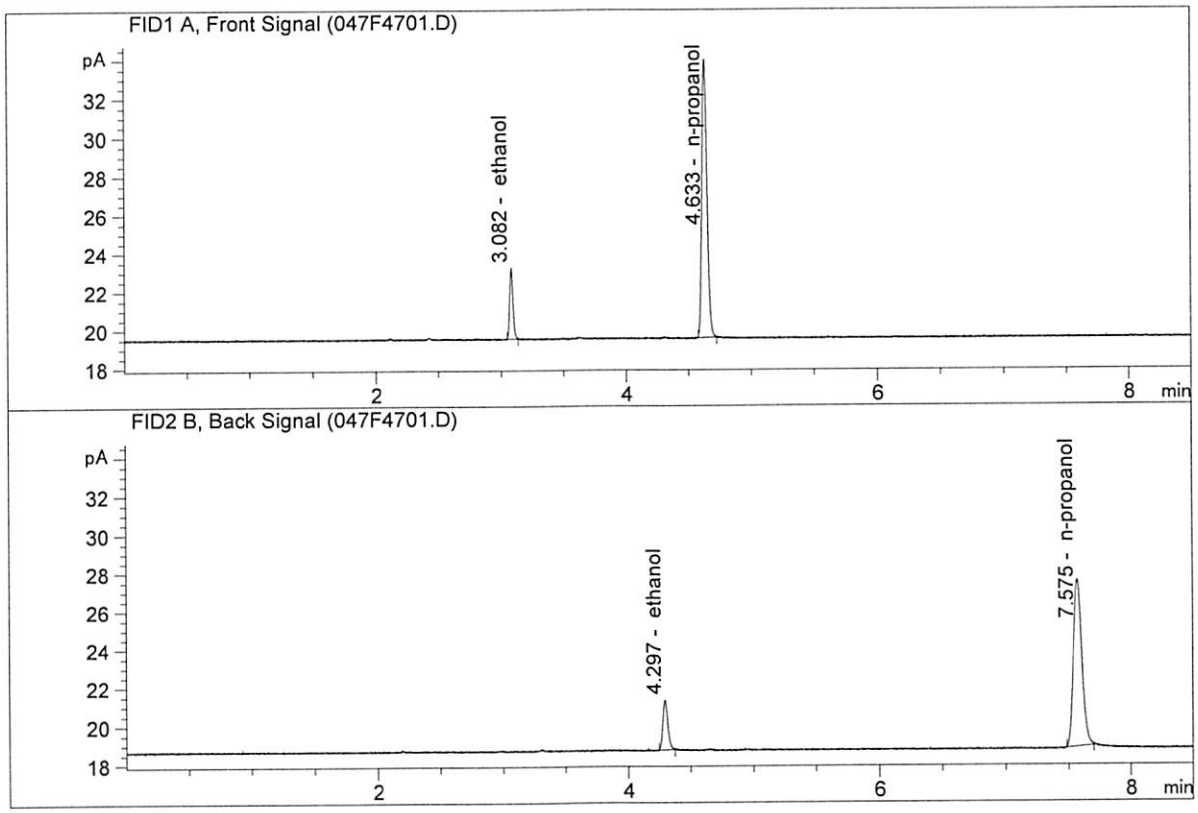
Overall Mean (g/100cc)	Low	High	5% of Mean
0.080	0.076	0.084	0.004

	Reported Result	
	0.080	

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-A
Laboratory : Meridian
Injection Date : Jul 29, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

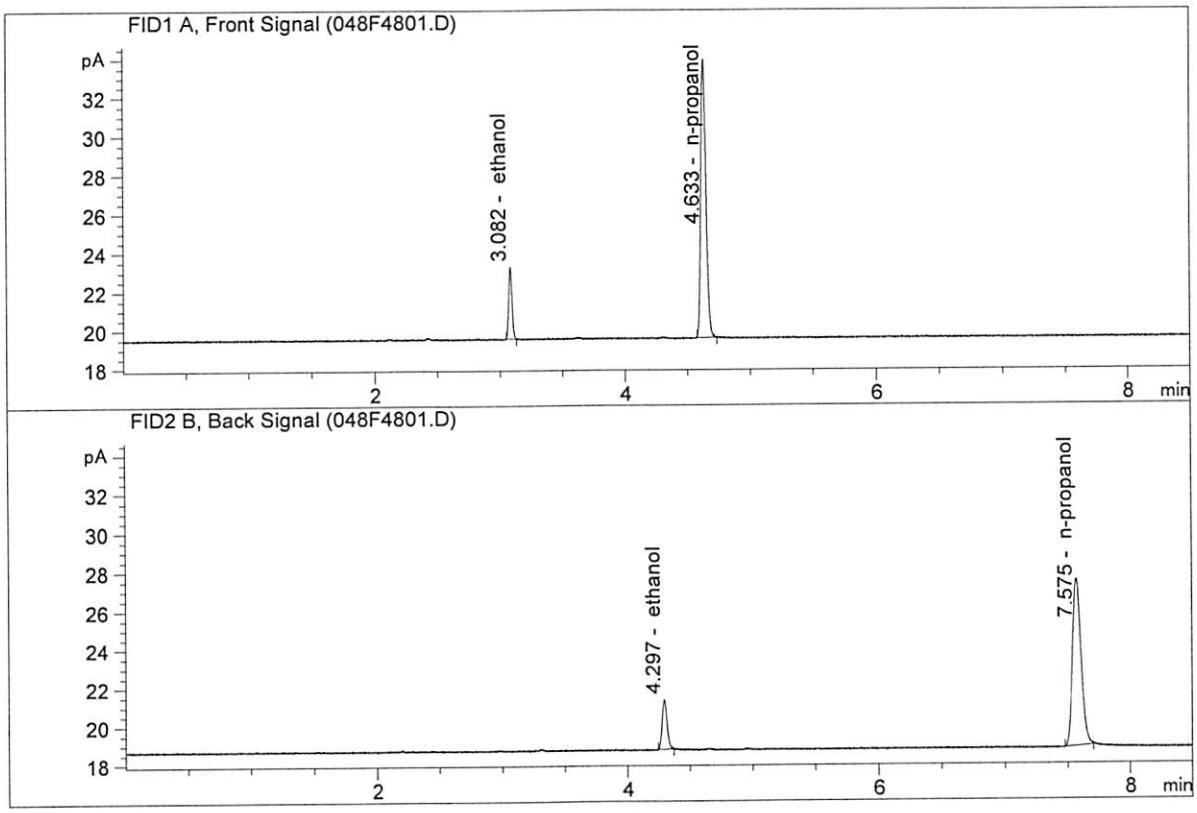


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.80958	0.0796	g/100cc
2.	Ethanol	Column 2:	7.01170	0.0807	g/100cc
3.	n-Propanol	Column 1:	41.16957	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.06641	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-B
Laboratory : Meridian
Injection Date : Jul 29, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.87889	0.0805	g/100cc
2.	Ethanol	Column 2:	7.06107	0.0810	g/100cc
3.	n-Propanol	Column 1:	41.12184	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.17937	1.0000	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-1 **Analysis Date(s): 28 Jul 2020**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.1984	0.1975	0.0009	0.1979	0.0014	0.1986
(g/100cc)	0.1999	0.1987	0.0012	0.1993		

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%**

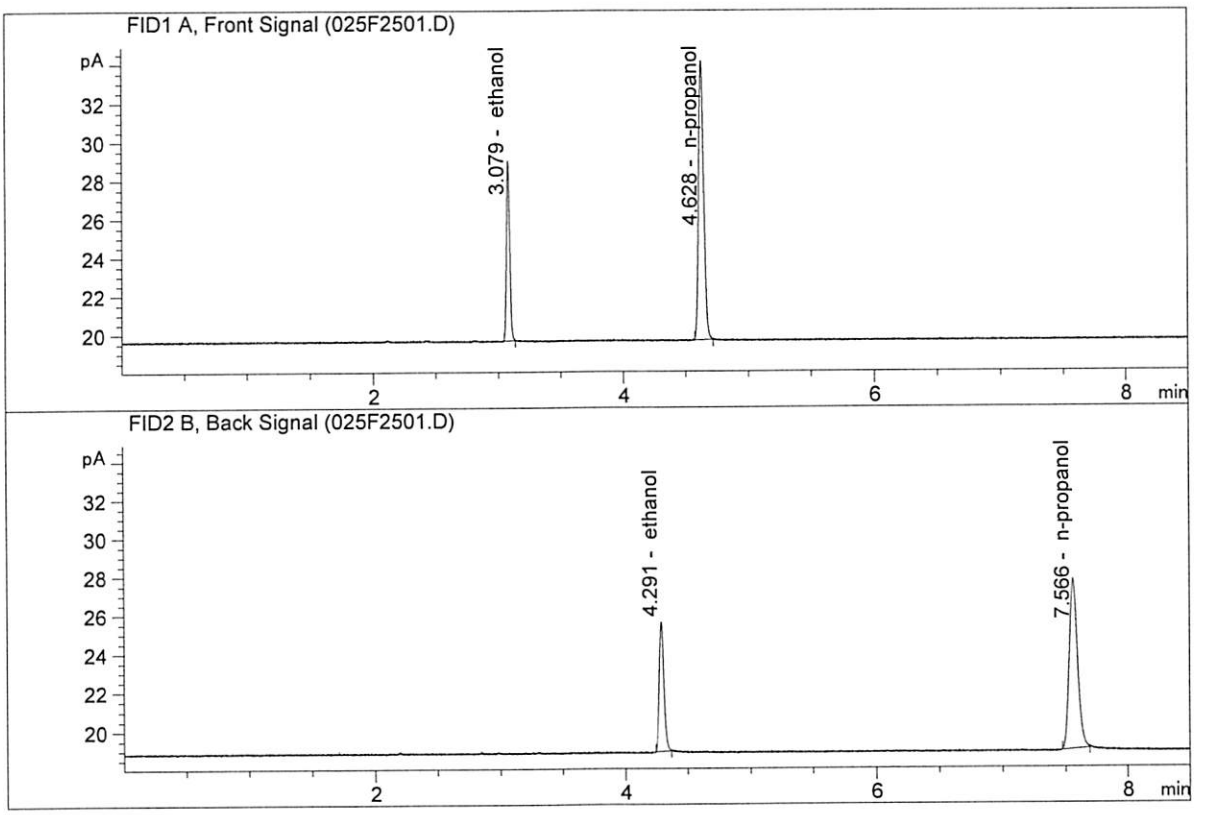
Overall Mean (g/100cc)	Low	High	5% of Mean
0.198	0.188	0.208	0.010

	Reported Result	
	0.198	

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-A
Laboratory : Meridian
Injection Date : Jul 28, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

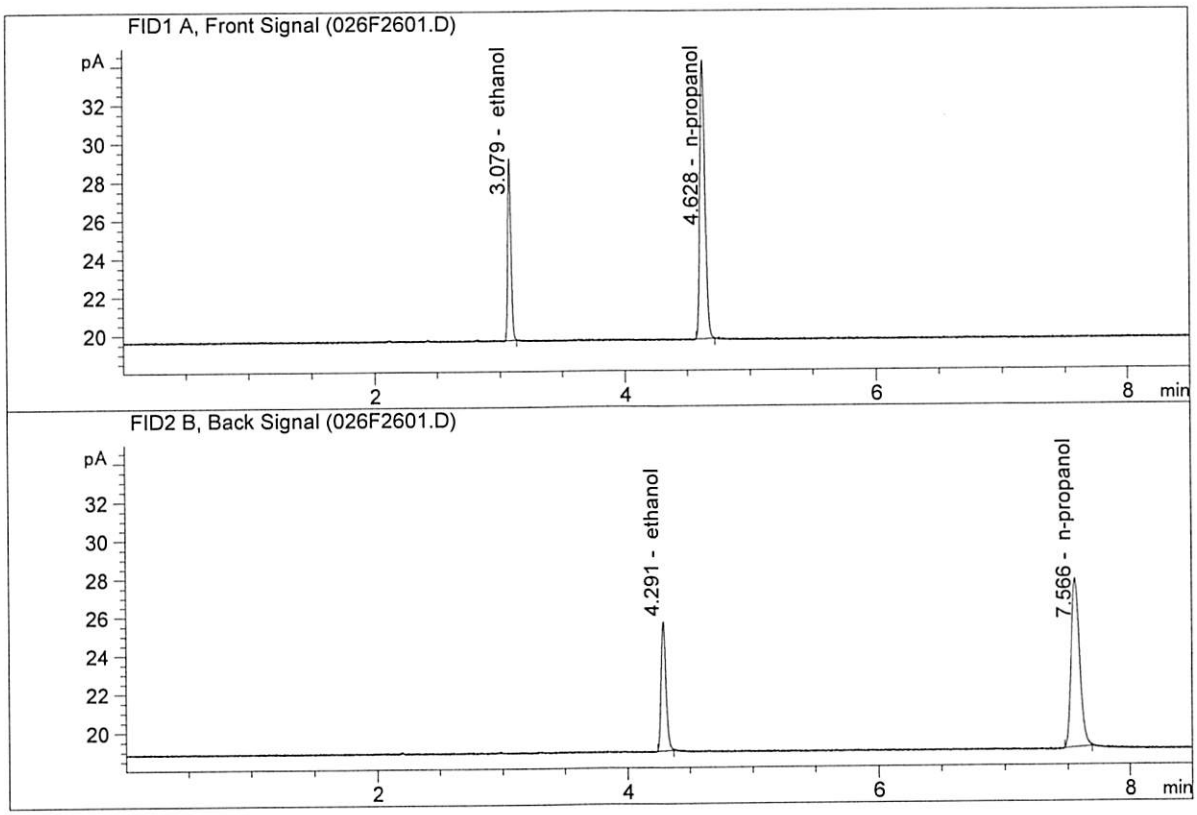


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.08541	0.1984	g/100cc
2.	Ethanol	Column 2:	17.75282	0.1975	g/100cc
3.	n-Propanol	Column 1:	41.22342	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.07484	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-B
Laboratory : Meridian
Injection Date : Jul 28, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.26816	0.1999	g/100cc
2.	Ethanol	Column 2:	17.95627	0.1987	g/100cc
3.	n-Propanol	Column 1:	41.33460	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.28633	1.0000	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-2 **Analysis Date(s): 29 Jul 2020**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.1984	0.1973	0.0011	0.1978	0.0003	0.1976
(g/100cc)	0.1978	0.1972	0.0006	0.1975		

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%**

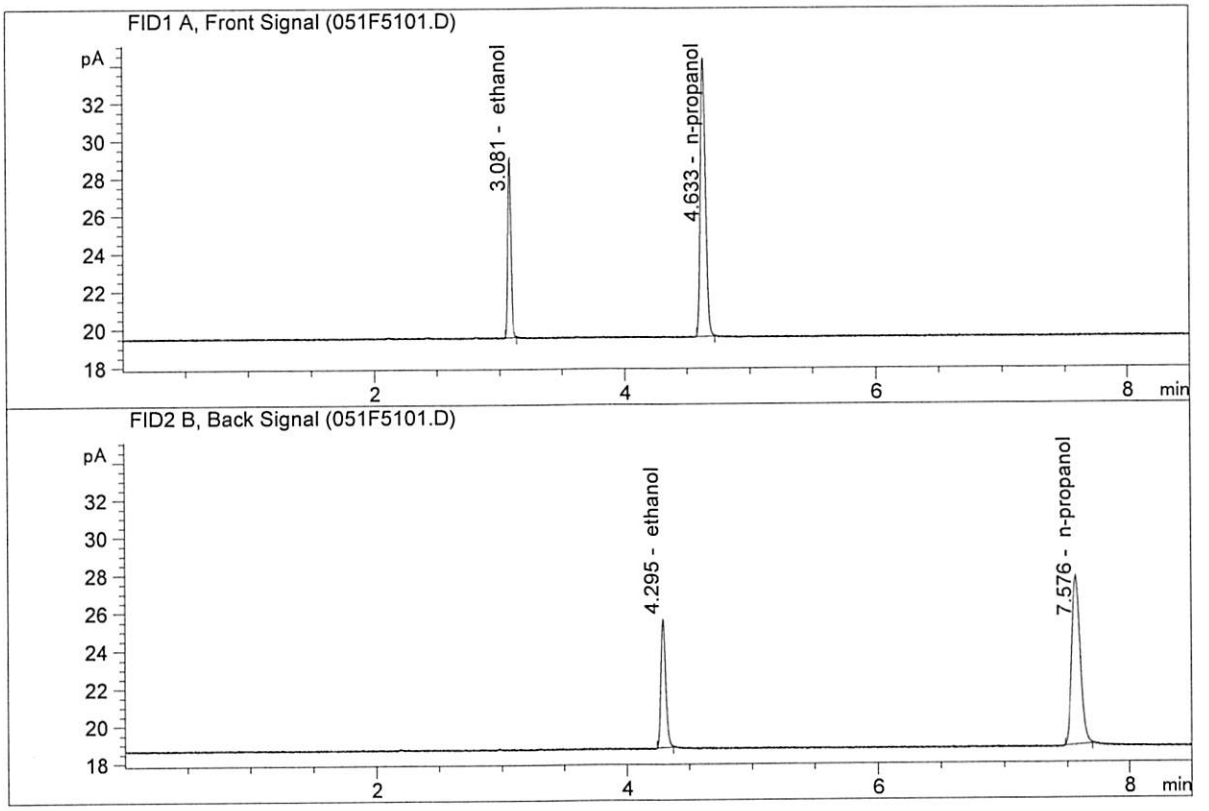
Overall Mean (g/100cc)	Low	High	5% of Mean
0.197	**0.187**	**0.207**	**0.010**

	Reported Result	
	0.197	

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-2-A
Laboratory : Meridian
Injection Date : Jul 29, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

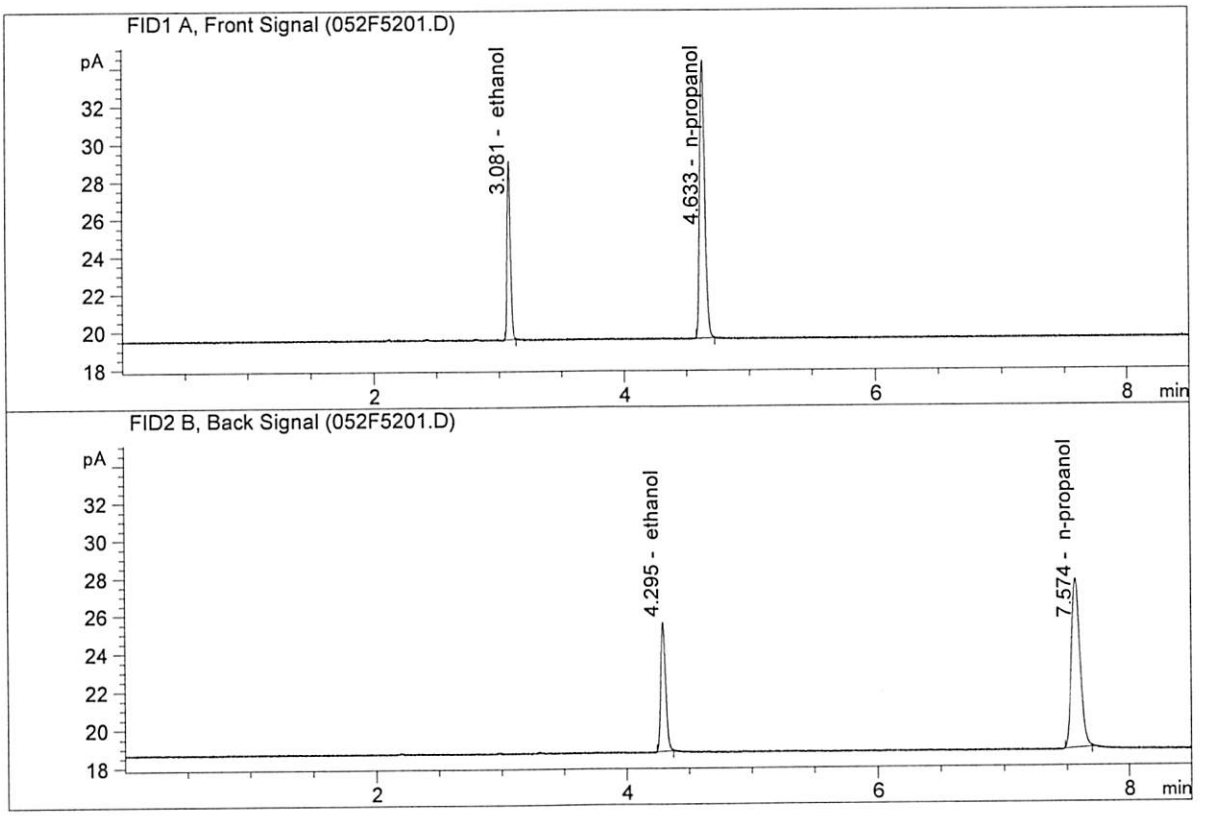


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.46280	0.1984	g/100cc
2.	Ethanol	Column 2:	18.11913	0.1973	g/100cc
3.	n-Propanol	Column 1:	42.11766	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.98296	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-2-B
Laboratory : Meridian
Injection Date : Jul 29, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.39761	0.1978	g/100cc
2.	Ethanol	Column 2:	18.12547	0.1972	g/100cc
3.	n-Propanol	Column 1:	42.08995	1.0000	g/100cc
4.	n-Propanol	Column 2:	43.03493	1.0000	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.08 FN04171701 **Analysis Date(s): 28 Jul 2020**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0804	0.0811	0.0007	0.0807	0.0000	0.0807
(g/100cc)	0.0805	0.0810	0.0005	0.0807		

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

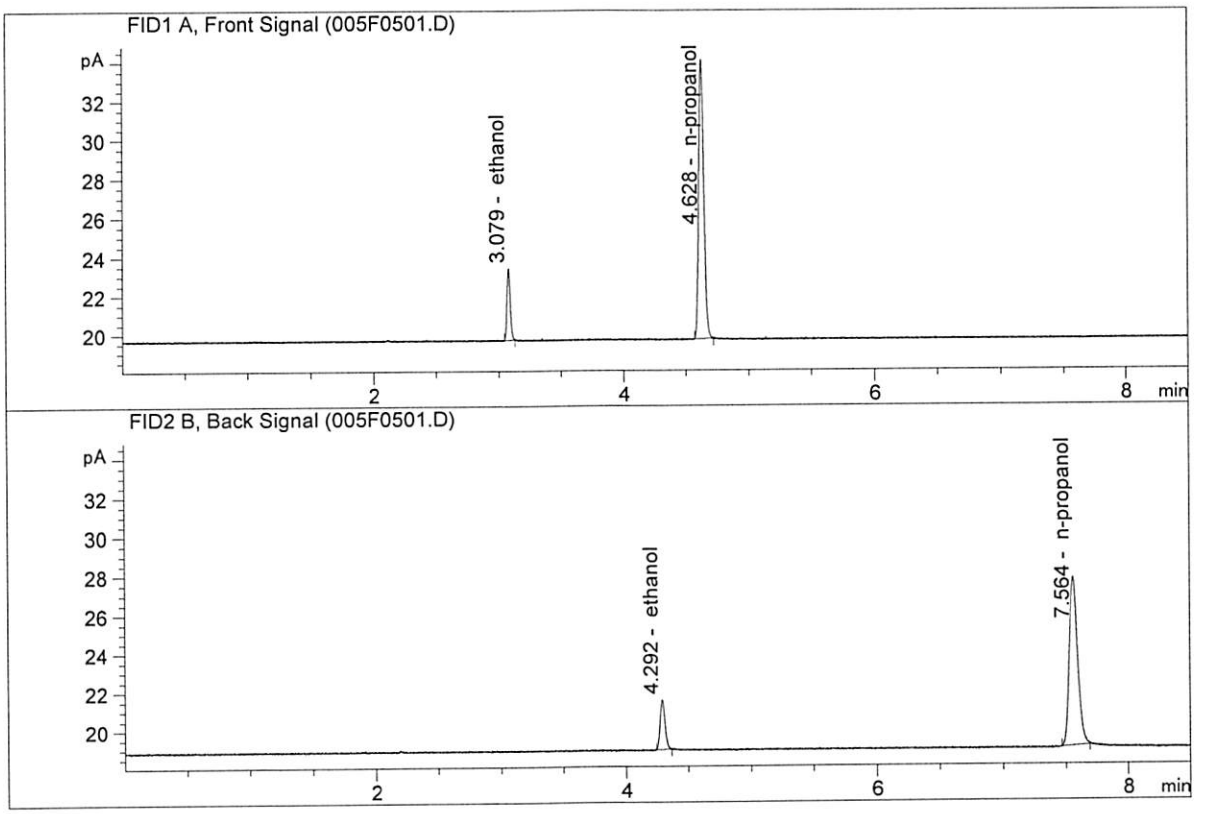
Reported Result
0.080

Calibration and control data are stored centrally.

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN04171701-A
Laboratory : Meridian
Injection Date : Jul 28, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

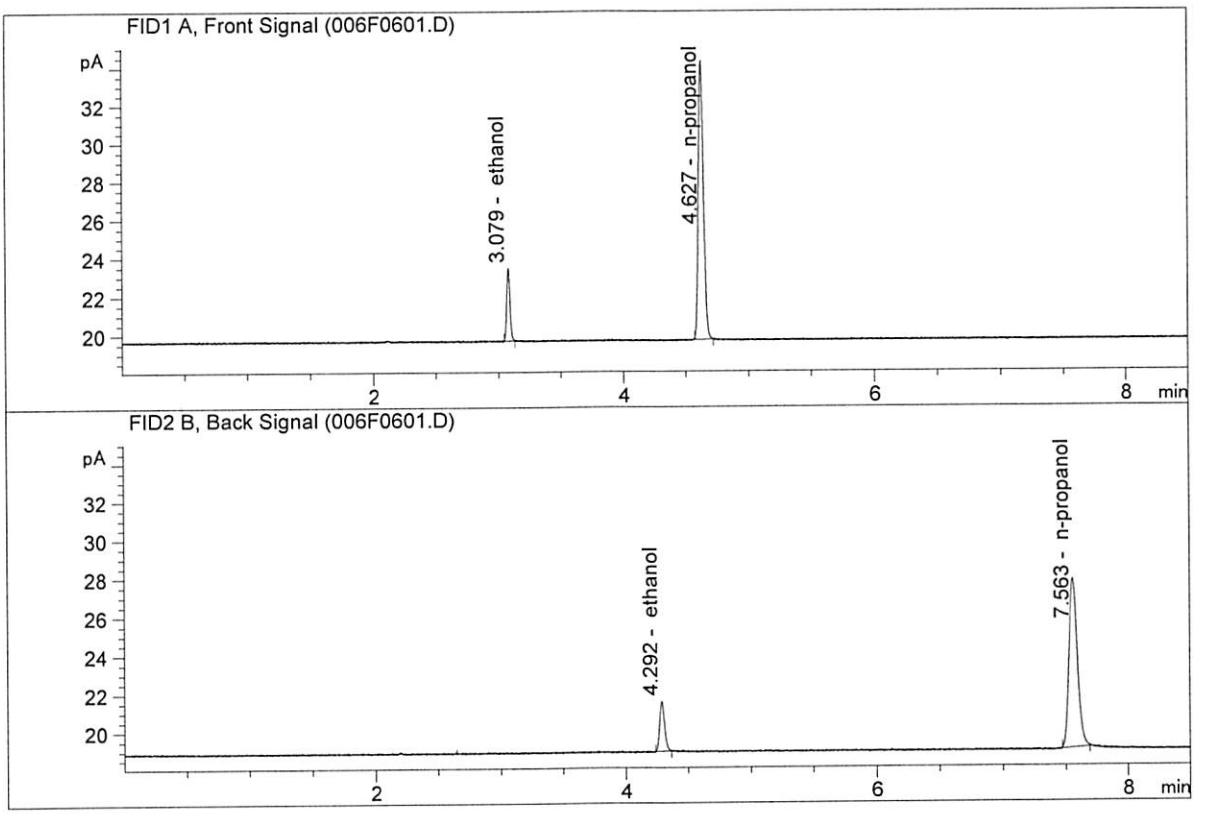


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.84442	0.0804	g/100cc
2.	Ethanol	Column 2:	7.05878	0.0811	g/100cc
3.	n-Propanol	Column 1:	40.99457	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.13669	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN04171701-B
Laboratory : Meridian
Injection Date : Jul 28, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

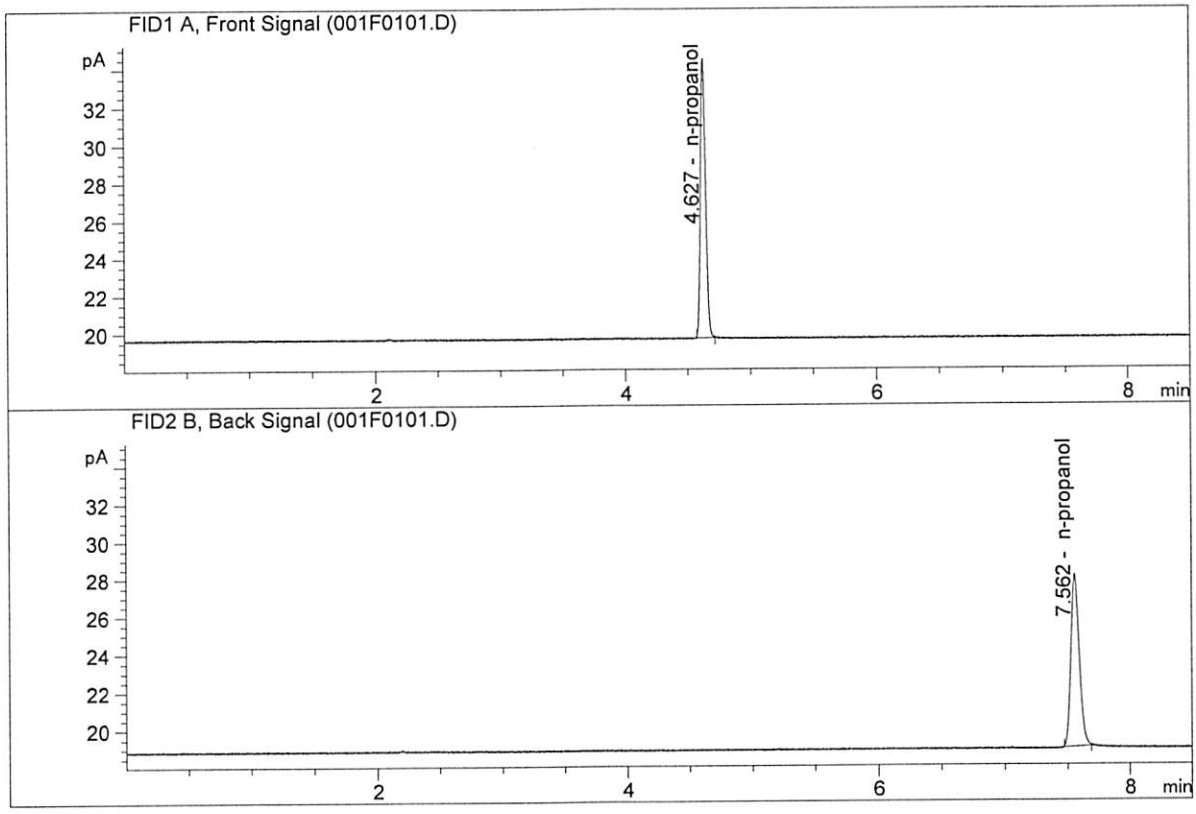


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.93354	0.0805	g/100cc
2.	Ethanol	Column 2:	7.12668	0.0810	g/100cc
3.	n-Propanol	Column 1:	41.48242	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.59506	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK 1
Laboratory : Meridian
Injection Date : Jul 28, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

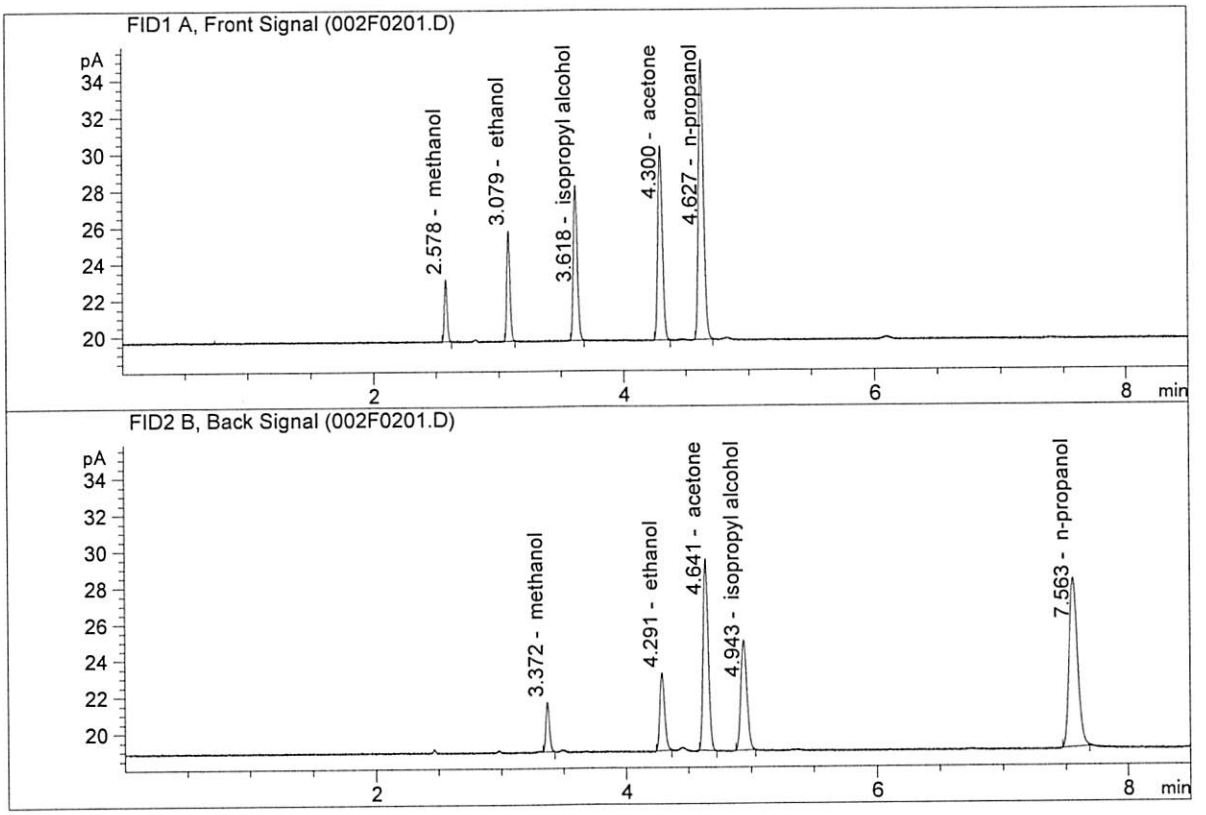


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	42.03608	1.0000	g/100cc
4.	n-Propanol	Column 2:	43.81808	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

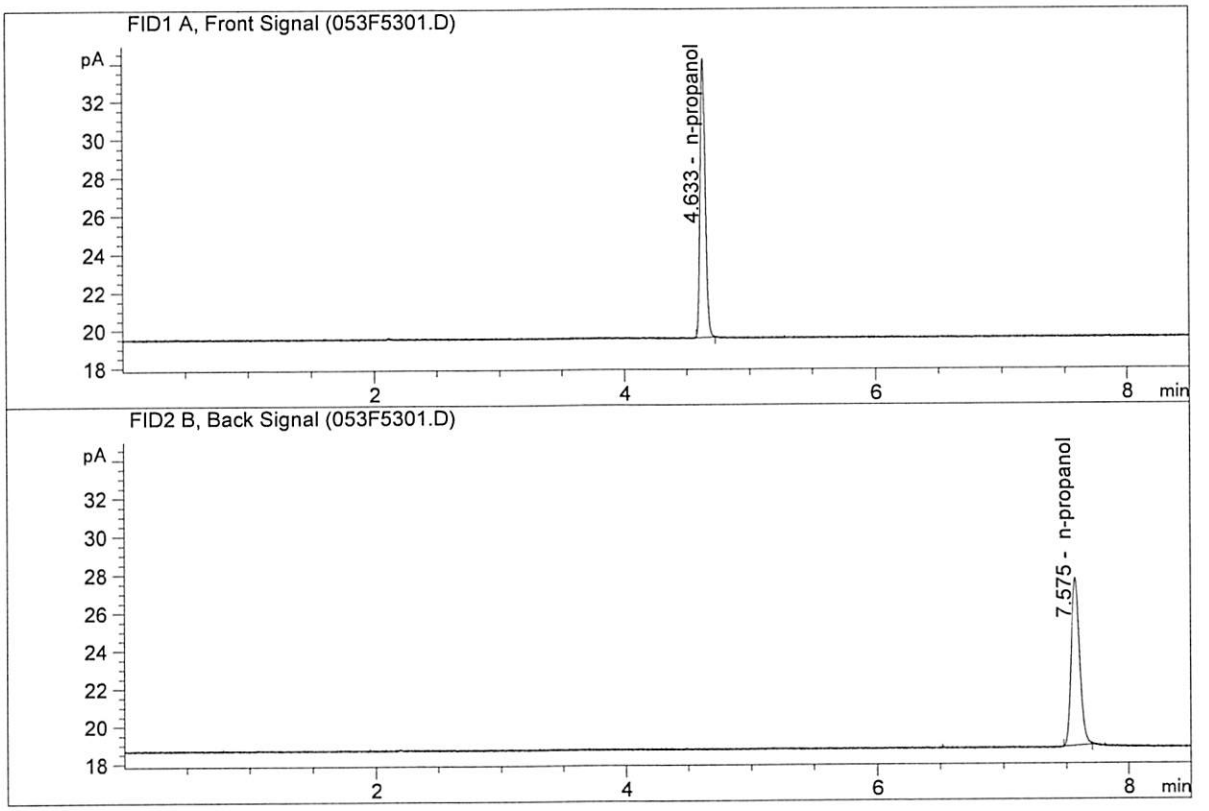
Sample Name : MIX VOL FN06041502
Laboratory : Meridian
Injection Date : Jul 28, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	10.84238	0.1206	g/100cc
2.	Ethanol	Column 2:	11.25644	0.1203	g/100cc
3.	n-Propanol	Column 1:	43.13300	1.0000	g/100cc
4.	n-Propanol	Column 2:	44.45131	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : Jul 29, 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:	41.71622	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.76467	1.0000	g/100cc

NB

Sample Summary

Sequence table: C:\Chem32\1\Data\07-28-20_SAMPLES\07-28-20_SAMPLES 2020-07-28 16-16-00\07-28-20_SAMPLES.S
Data directory path: C:\Chem32\1\Data\07-28-20_SAMPLES\07-28-20_SAMPLES 2020-07-28 16-16-00\
Logbook: C:\Chem32\1\Data\07-28-20_SAMPLES\07-28-20_SAMPLES 2020-07-28 16-16-00\07-28-20_SAMPLES.LOG
Sequence start: 7/28/2020 4:30:45 PM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\07-28-20_SAMPLES\07-28-20_SAMPLES 2020-07-28 16-16-00\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	M2020-2829-1-A	-	1.0000	007F0701.D		4
8	8	1	M2020-2829-1-B	-	1.0000	008F0801.D		4
9	9	1	M2020-2844-1-A	-	1.0000	009F0901.D		4
10	10	1	M2020-2844-1-B	-	1.0000	010F1001.D		4
11	11	1	M2020-2852-1-A	-	1.0000	011F1101.D		2
12	12	1	M2020-2852-1-B	-	1.0000	012F1201.D		2
13	13	1	M2020-2853-1-A	-	1.0000	013F1301.D		4
14	14	1	M2020-2853-1-B	-	1.0000	014F1401.D		4
15	15	1	M2020-2854-1-A	-	1.0000	015F1501.D		2
16	16	1	M2020-2854-1-B	-	1.0000	016F1601.D		2
17	17	1	M2020-2855-1-A	-	1.0000	017F1701.D		2
18	18	1	M2020-2855-1-B	-	1.0000	018F1801.D		2
19	19	1	M2020-2857-1-A	-	1.0000	019F1901.D		2
20	20	1	M2020-2857-1-B	-	1.0000	020F2001.D		2
21	21	1	P2020-2109-1-A	-	1.0000	021F2101.D		2
22	22	1	P2020-2109-1-B	-	1.0000	022F2201.D		2
23	23	1	P2020-2109-2-A	-	1.0000	023F2301.D		2
24	24	1	P2020-2109-2-B	-	1.0000	024F2401.D		2
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	P2020-2154-2-A	-	1.0000	027F2701.D		2
28	28	1	P2020-2154-2-B	-	1.0000	028F2801.D		2
29	29	1	M2020-2867-1-A	-	1.0000	029F2901.D		4
30	30	1	M2020-2867-1-B	-	1.0000	030F3001.D		4
31	31	1	M2020-2870-1-A	-	1.0000	031F3101.D		4
32	32	1	M2020-2870-1-B	-	1.0000	032F3201.D		4
33	33	1	M2020-2873-1-A	-	1.0000	033F3301.D		2
34	34	1	M2020-2873-1-B	-	1.0000	034F3401.D		2
35	35	1	M2020-2874-1-A	-	1.0000	035F3501.D		4
36	36	1	M2020-2874-1-B	-	1.0000	036F3601.D		4
37	37	1	M2020-2875-1-A	-	1.0000	037F3701.D		4
38	38	1	M2020-2875-1-B	-	1.0000	038F3801.D		4
39	39	1	M2020-2876-1-A	-	1.0000	039F3901.D		4
40	40	1	M2020-2876-1-B	-	1.0000	040F4001.D		4
41	41	1	M2020-2877-1-A	-	1.0000	041F4101.D		2
42	42	1	M2020-2877-1-B	-	1.0000	042F4201.D		2
43	43	1	M2020-2878-1-A	-	1.0000	043F4301.D		4

NB

Sequence File C:\Chem32\...0_SAMPLES\07-28-20_SAMPLES 2020-07-28 16-16-00\07-28-20_SAMPLES.S

Run #	Location #	Inj	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
44	44	1	M2020-2878-1-B	-	1.0000	044F4401.D	4
45	45	1	M2020-2879-1-A	-	1.0000	045F4501.D	4
46	46	1	M2020-2879-1-B	-	1.0000	046F4601.D	4
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	M2020-2880-1-A	-	1.0000	049F4901.D	4
50	50	1	M2020-2880-1-B	-	1.0000	050F5001.D	4
51	51	1	QC2-2-A	-	1.0000	051F5101.D	4
52	52	1	QC2-2-B	-	1.0000	052F5201.D	4
53	53	1	INTERNAL STD BLK	-	1.0000	053F5301.D	2

Method file name: C:\Chem32\1\Data\07-28-20_SAMPLES\07-28-20_SAMPLES 2020-07-28 16-16-00\SHUTDOWN.M

Run #	Location #	Inj	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
54	54	1	EMPTY	-	1.0000	054F5401.D	0

Calibration Table

General Calibration Setting

Calib. Data Modified : Thursday, July 23, 2020 12:21:10 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

NB

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	4.22027	1.18476e-2	No	No	1	ethanol
		2	1.00000e-1	8.46122	1.18186e-2				
		3	2.00000e-1	17.23751	1.16026e-2				
		4	3.00000e-1	26.33795	1.13904e-2				
		5	5.00000e-1	42.97801	1.16339e-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	4.33479	1.15346e-2	No	No	2	ethanol
		2	1.00000e-1	8.69182	1.15051e-2				
		3	2.00000e-1	17.94835	1.11431e-2				
		4	3.00000e-1	27.63737	1.08549e-2				
		5	5.00000e-1	45.36103	1.10227e-2				
4.308	1	1	1.00000	6.49940	1.53860e-1	No	No	1	acetone
4.620	1	1	1.00000	40.50233	2.46899e-2	No	Yes	1	n-propanol
		2	1.00000	40.72702	2.45537e-2				
		3	1.00000	41.13897	2.43079e-2				
		4	1.00000	42.17012	2.37135e-2				
		5	1.00000	40.99162	2.43952e-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	41.84101	2.39000e-2	No	Yes	2	n-propanol
		2	1.00000	41.86904	2.38840e-2				
		3	1.00000	42.11242	2.37460e-2				
		4	1.00000	43.10894	2.31970e-2				
		5	1.00000	41.75473	2.39494e-2				

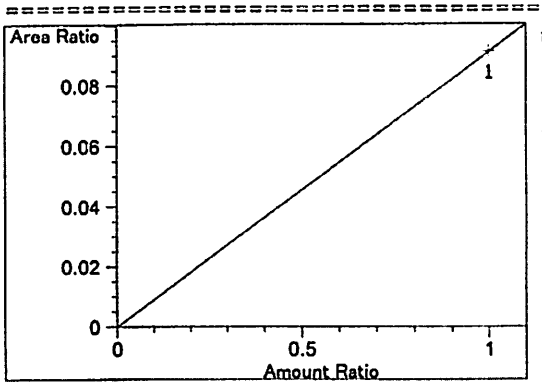
Peak Sum Table

No Entries in table

1 Warnings or Errors :

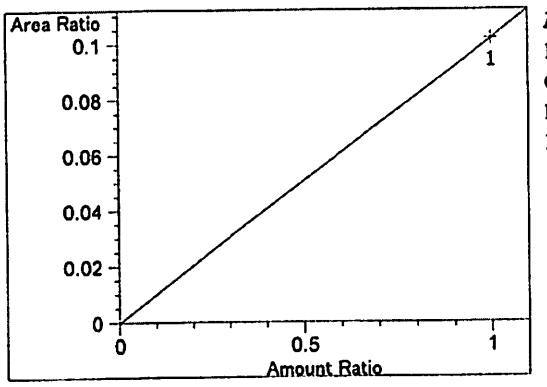
Warning : Curve requires more calibration points., (methanol)

Calibration Curves

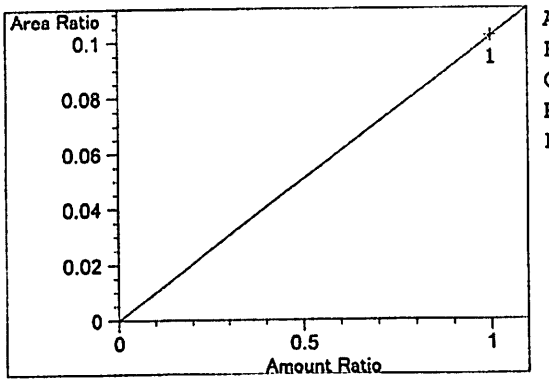


methanol at exp. RT: 2.586
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 9.12712e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio

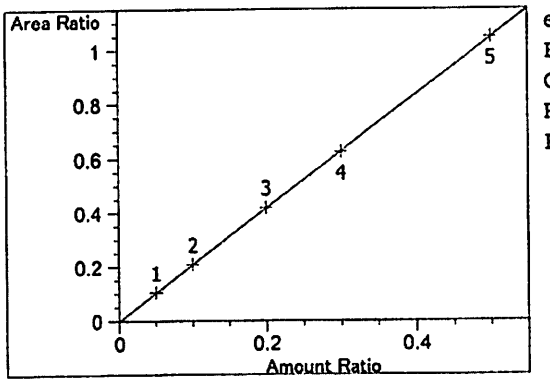
NB



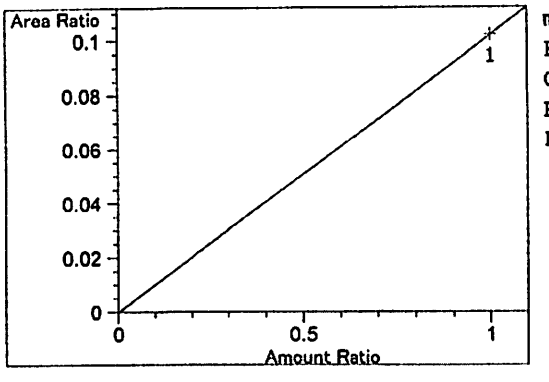
Acetaldehyde at exp. RT: 2.809
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.01838e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



Acetaldehyde at exp. RT: 2.977
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.01838e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio

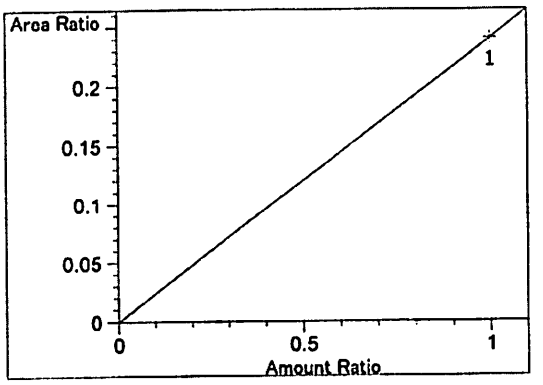


ethanol at exp. RT: 3.075
FID1 A, Front Signal
Correlation: 0.99999
Residual Std. Dev.: 0.00212
Formula: y = mx + b
m: 2.09742
b: -1.60938e-3
x: Amount Ratio
y: Area Ratio

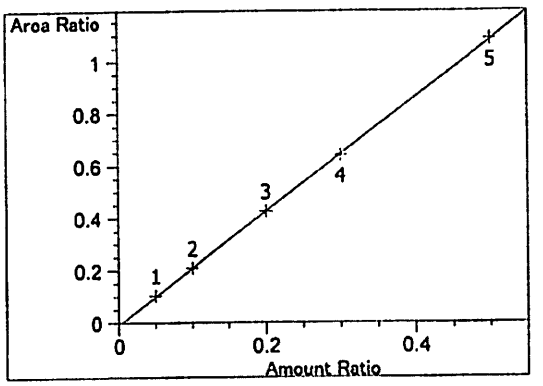


methanol at exp. RT: 3.388
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.01829e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio

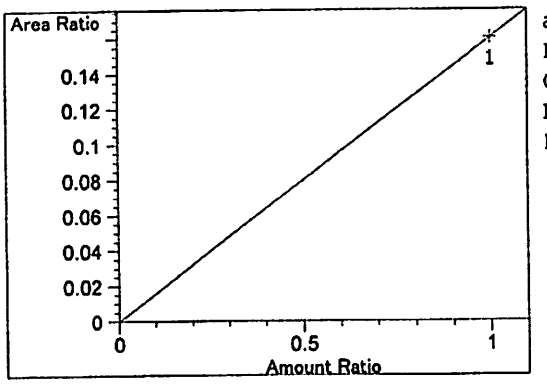
NB



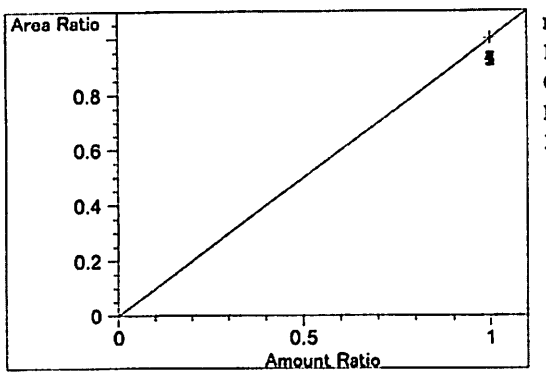
isopropyl alcohol at exp. RT: 3.628
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 2.40247e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



ethanol at exp. RT: 4.285
FID2 B, Back Signal
Correlation: 0.99996
Residual Std. Dev.: 0.00423
Formula: y = mx + b
m: 2.18574
b: -9.74671e-3
x: Amount Ratio
y: Area Ratio

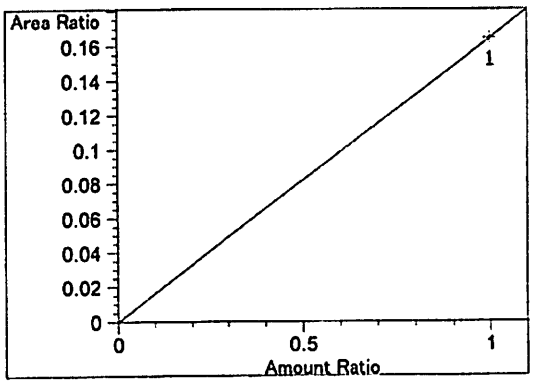


acetone at exp. RT: 4.308
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.60470e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio

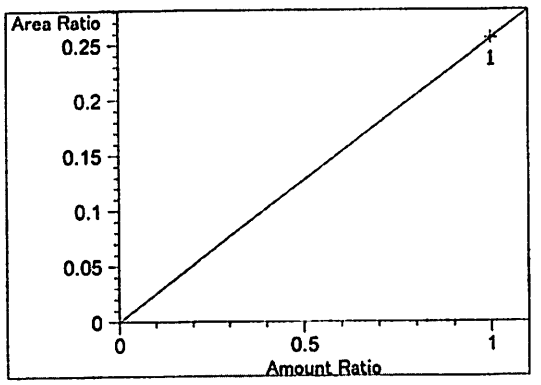


n-propanol at exp. RT: 4.620
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

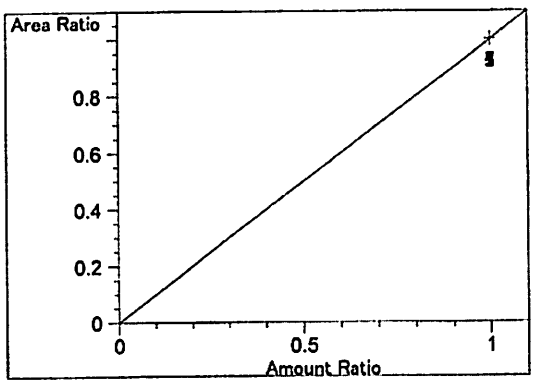
NB



acetone at exp. RT: 4.661
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.64743e-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: 2.55883e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



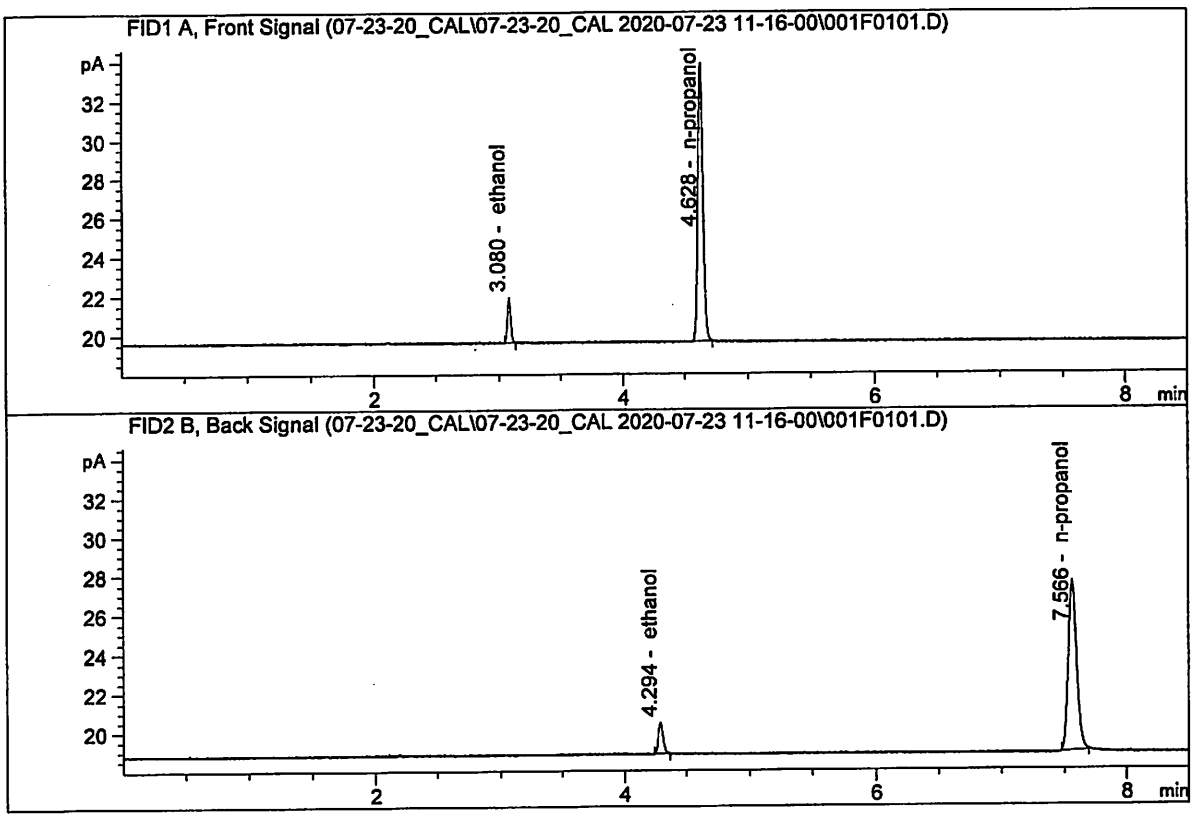
n-propanol at exp. RT: 7.550
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

==========

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.050 FN05211804
Laboratory : Meridian
Injection Date : Jul 23, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

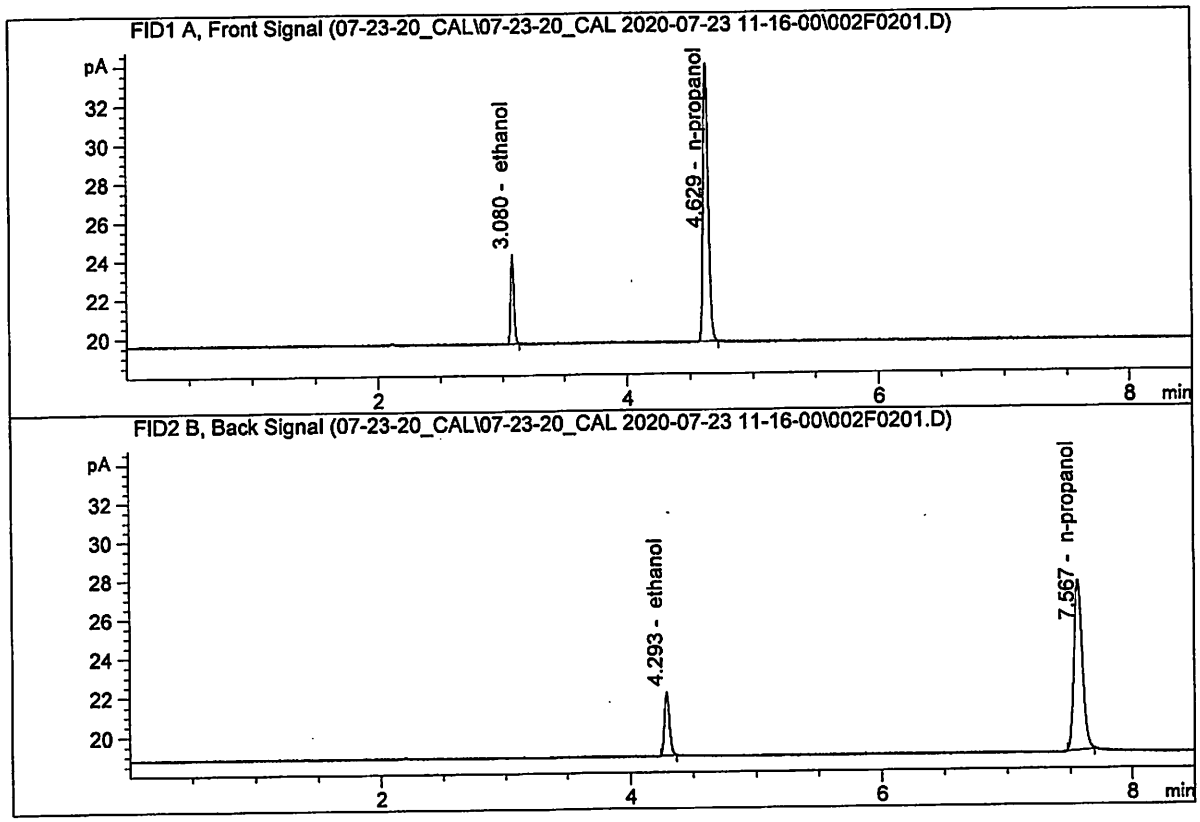


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	4.22027	0.0504	g/100cc
2.	Ethanol	Column 2:	4.33479	0.0519	g/100cc
3.	n-Propanol	Column 1:	40.50233	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.84101	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.100 FN02271802
Laboratory : Meridian
Injection Date : Jul 23, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

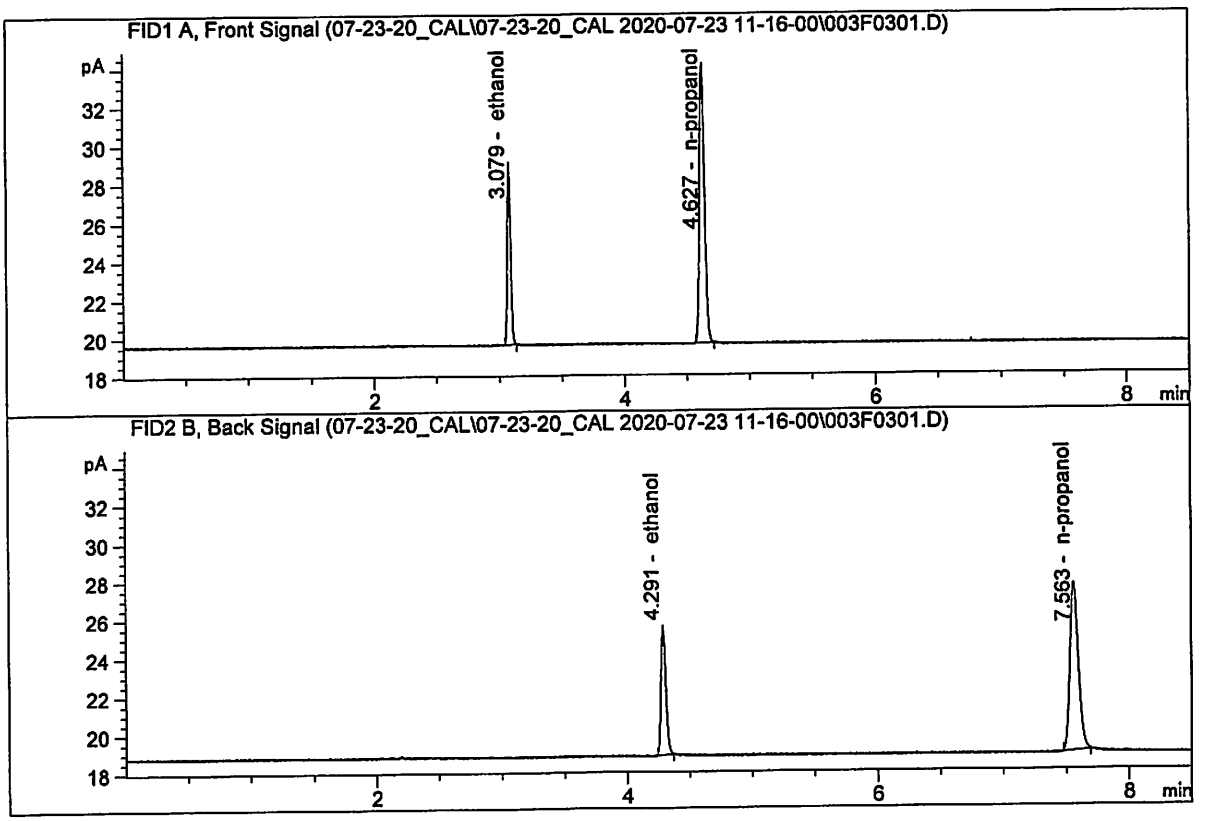


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	8.46122	0.0998	g/100cc
2.	Ethanol	Column 2:	8.69182	0.0994	g/100cc
3.	n-Propanol	Column 1:	40.72702	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.86904	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

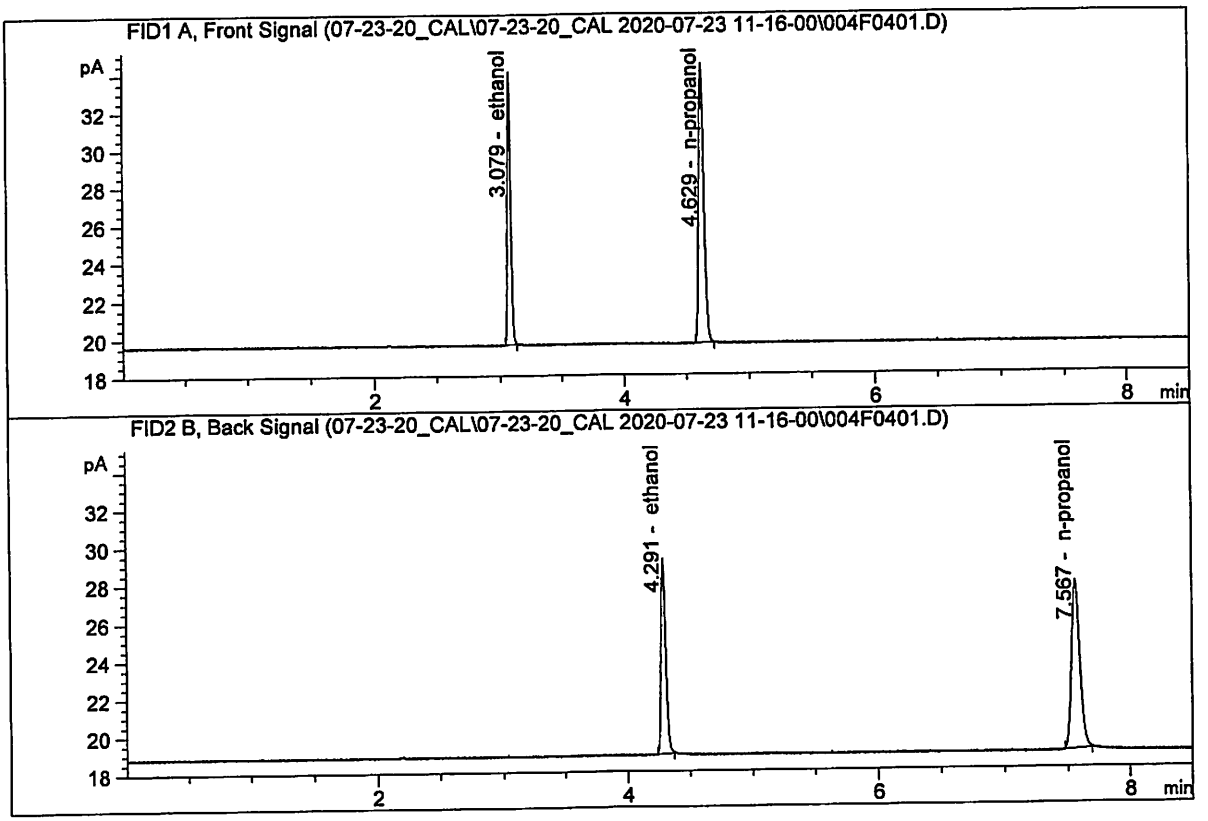
Sample Name : 0.200 FN06231704
Laboratory : Meridian
Injection Date : Jul 23, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.23751	0.2005	g/100cc
2.	Ethanol	Column 2:	17.94835	0.1995	g/100cc
3.	n-Propanol	Column 1:	41.13897	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.11242	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.300 FN07311804
Laboratory : Meridian
Injection Date : Jul 23, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

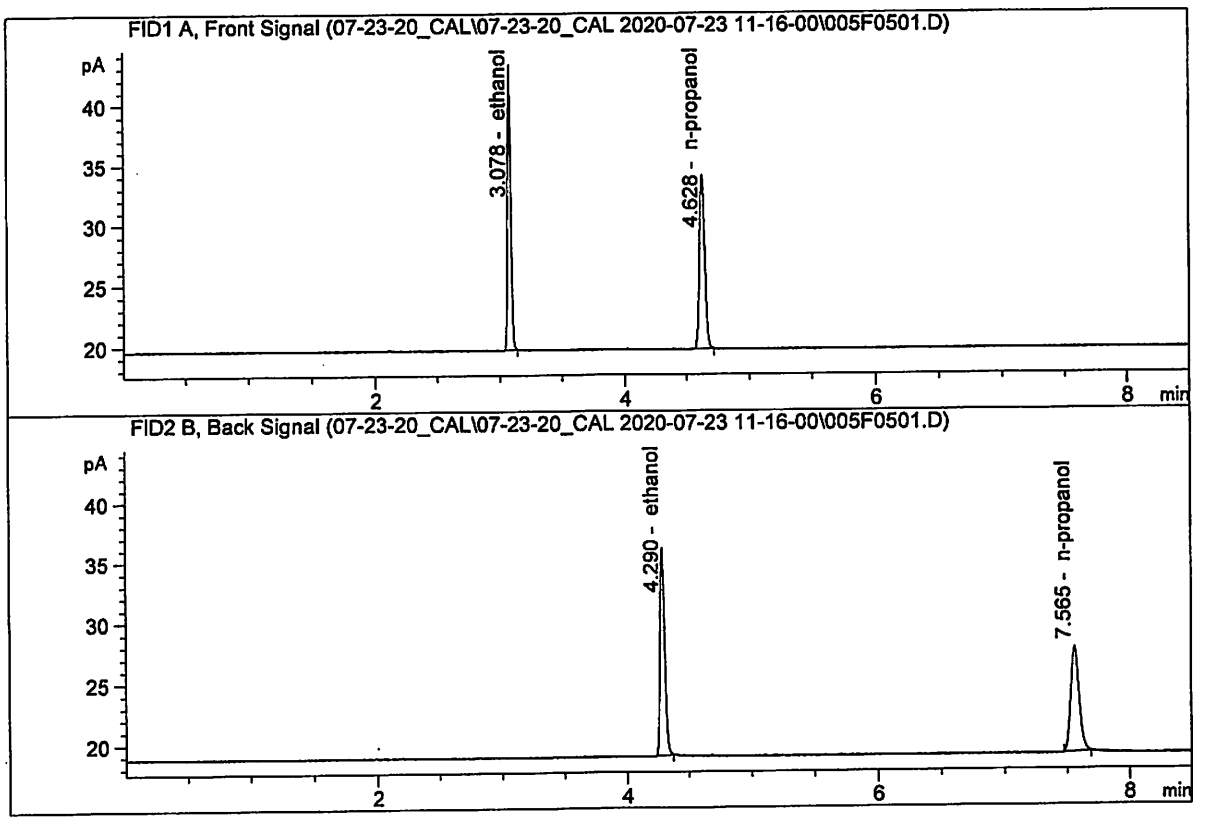


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	26.33795	0.2985	g/100cc
2.	Ethanol	Column 2:	27.63737	0.2978	g/100cc
3.	n-Propanol	Column 1:	42.17012	1.0000	g/100cc
4.	n-Propanol	Column 2:	43.10894	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.500 FN08031602
Laboratory : Meridian
Injection Date : Jul 23, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	42.97801	0.5006	g/100cc
2.	Ethanol	Column 2:	45.36103	0.5015	g/100cc
3.	n-Propanol	Column 1:	40.99162	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.75473	1.0000	g/100cc

Sample Summary

Sequence table: C:\Chem32\1\Data\07-23-20_CAL\07-23-20_CAL 2020-07-23 11-16-00\07-23-20_CAL.S
Data directory path: C:\Chem32\1\Data\07-23-20_CAL\07-23-20_CAL 2020-07-23 11-16-00\
Logbook: C:\Chem32\1\Data\07-23-20_CAL\07-23-20_CAL 2020-07-23 11-16-00\07-23-20_CAL.LOG
Sequence start: 7/23/2020 11:30:37 AM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\07-23-20_CAL\07-23-20_CAL 2020-07-23 11-16-00\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