Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Analytical Method(s): 1.0

Device: Hamilton MICROLAB 503A Liquid Processor/Dilutor Serial Number: MD-96BC1382/MD94AM10010

Volatiles Quality Assurance Controls **Run Date(s): 06/28/2017-06/29/2017**

Calibration Date: 6/23/2017

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jul-18	1407031	0.0780	0.0702 - 0.0858	0.0784 g/100cc
					0.0806 g/100cc
					g/100cc
Level 2	Jul-18	1407032	0.2020	0.1818 - 0.2222	0.1968 g/100cc
					0.1992 g/100cc
Multi-Component Mixture		**Exp: Oct 2019**	**Lot #**	FN09231404	OK
Curve Fit:			**Column 1**	0.99996 **Column 2**	0.99996

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	0.0500	0.0517	0.0017	0.0508
0.080			0.080	0.072 - 0.088			0	#DIV/0!
0.100	Jun-20	FN06181501	0.100	0.090 - 0.110	0.0993	0.0987	0.0006	0.099
0.200	Oct-20	FN07201502	0.200	0.180 - 0.220	0.1989	0.1981	0.0008	0.1985
0.300	Feb-21	FN02121601	0.300	0.270 - 0.330	0.3029	0.3016	0.0013	0.3022
0.400			0.400	0.360 - 0.440			0	#DIV/0!
0.500	Aug-19	FN07031402	0.500	0.450 - 0.550	0.4988	0.4999	0.0011	0.4993

Aqueous Controls

Control level	Expiration	Cerilliant Lot #	Target Value	Acceptable Range	Overall Results
0.080	Nov-20	FN10281510	0.08000	0.076 - 0.084	0.08 g/100cc

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

JG

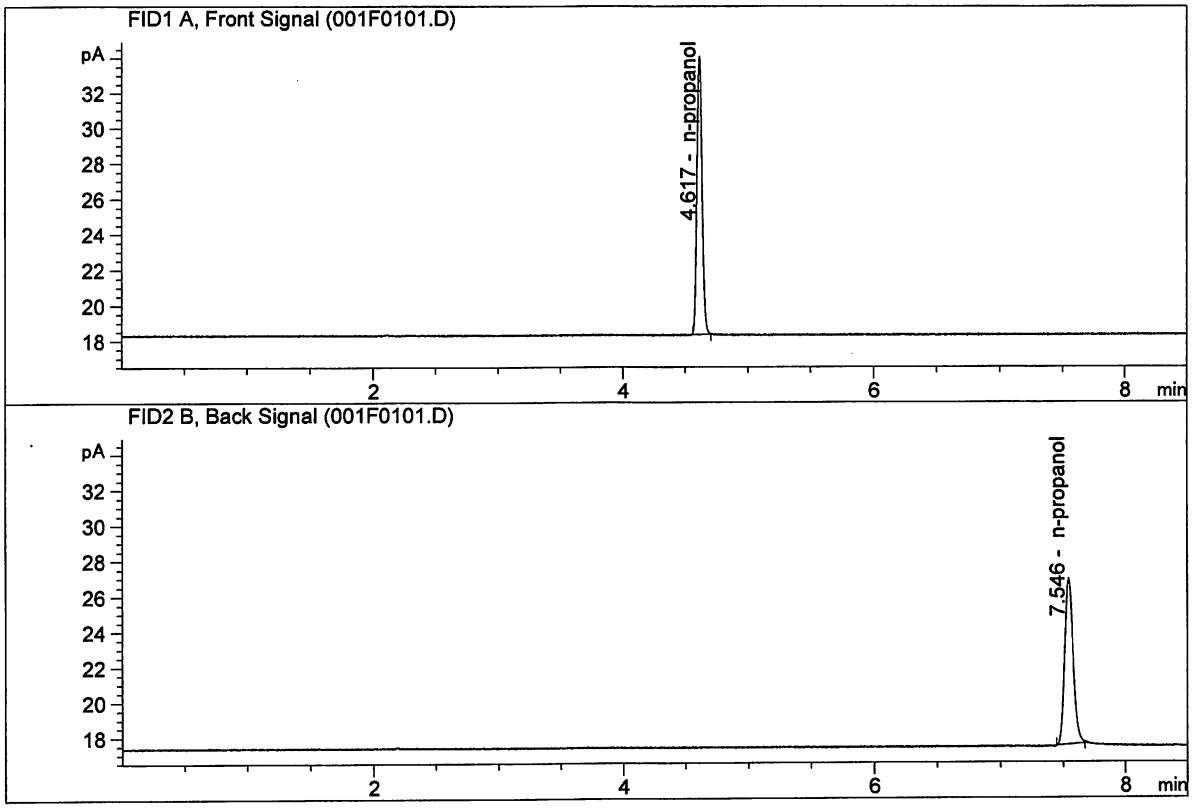
Worklist: 1785

LAB_CASE	ITEM	TASK_ID	DESCRIPTION
M2017-2723	1	87216	Alcohol Analysis
M2017-2803	1	87514	Alcohol Analysis
M2017-2809	1	87587	Alcohol Analysis
M2017-2819	1	87824	Alcohol Analysis
M2017-2853	1	87995	Alcohol Analysis
M2017-2858	1	88005	Alcohol Analysis
M2017-2859	1	88056	Alcohol Analysis
M2017-2860	3	88062	Alcohol Analysis
M2017-2869	1	88111	Alcohol Analysis
M2017-2870	1	88112	Alcohol Analysis
M2017-2871	1	88113	Alcohol Analysis
M2017-2874	1	88148	Alcohol Analysis
M2017-2875	1	88153	Alcohol Analysis
M2017-2876	1	88210	Alcohol Analysis
M2017-2892	1	88299	Alcohol Analysis
M2017-2893	1	88300	Alcohol Analysis
M2017-2894	1	88301	Alcohol Analysis
M2017-2895	1	88302	Alcohol Analysis
M2017-2896	1	88303	Alcohol Analysis
M2017-2931	1	88368	Alcohol Analysis
M2017-2932	1	88369	Alcohol Analysis
M2017-2933	1	88370	Alcohol Analysis
P2017-1413	1	88157	Alcohol Analysis

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK 1
Laboratory : Meridian
Injection Date : Jun 28, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

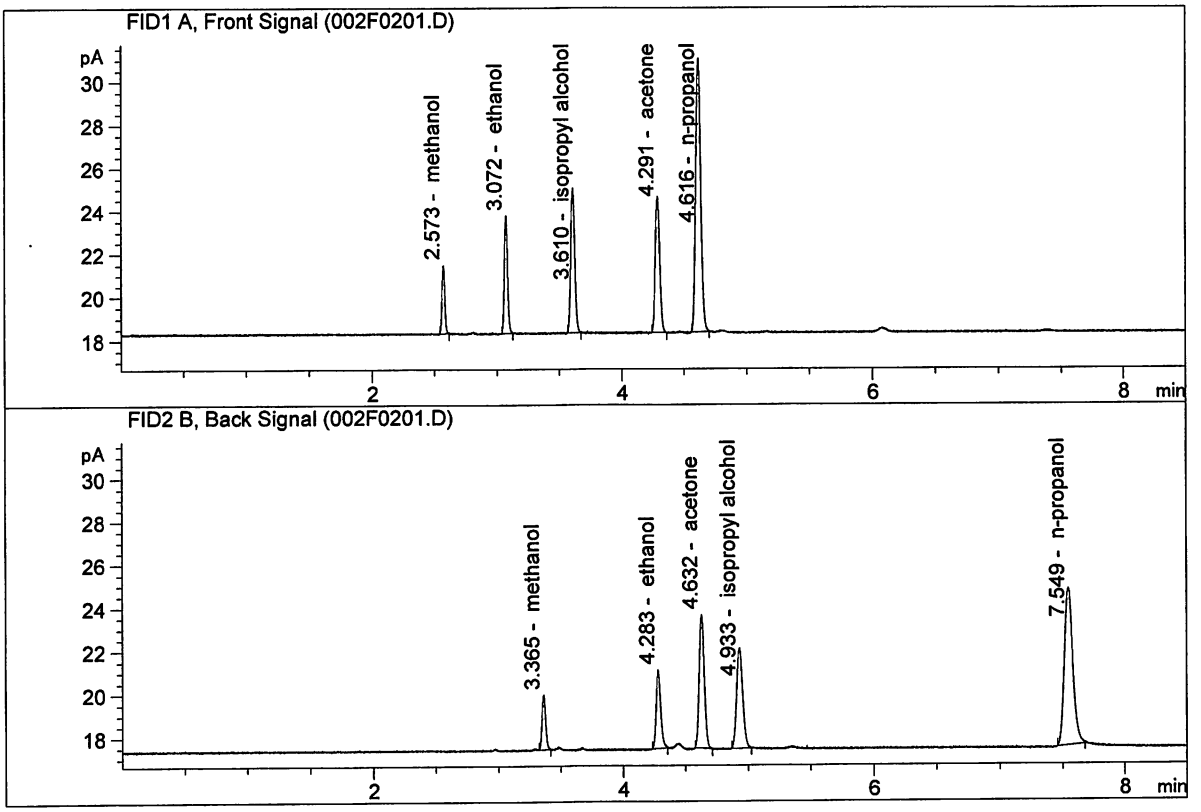


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	44.84730	1.0000	g/100cc
4.	n-Propanol	Column 2:	45.43361	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : MIX VOL FN09231404
Laboratory : Meridian
Injection Date : Jun 28, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	9.62897	0.1381	g/100cc
2.	Ethanol	Column 2:	9.66927	0.1383	g/100cc
3.	n-Propanol	Column 1:	35.67388	1.0000	g/100cc
4.	n-Propanol	Column 2:	35.25693	1.0000	g/100cc

JG

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1 **Analysis Date(s): 28 Jun 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0782	0.0787	0.0005	0.0784	0.0784	
(g/100cc)	0.0780	0.0788	0.0008	0.0784		

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
0.078	**0.074**	**0.082**	**0.004**

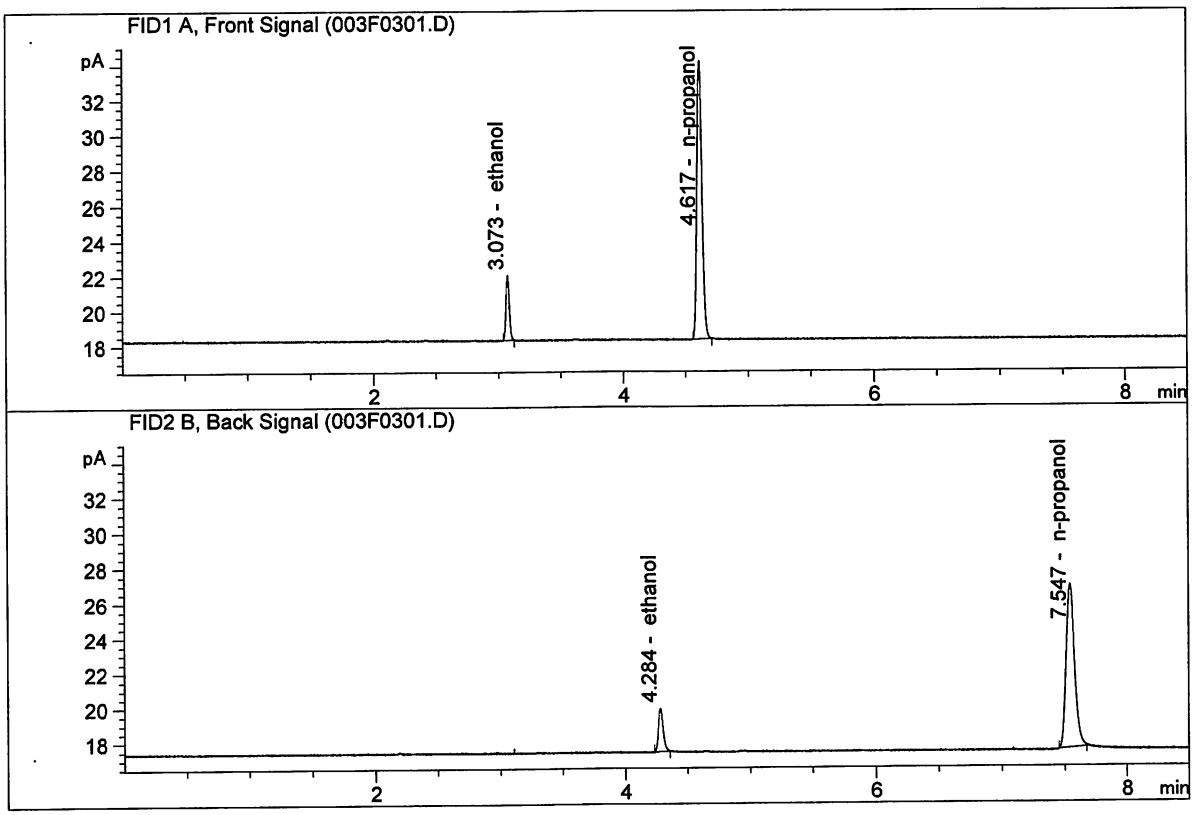
	Reported Result	
	0.078	

Calibration and control data are stored centrally.

JG

ISP Forensic Services Blood Alcohol Report

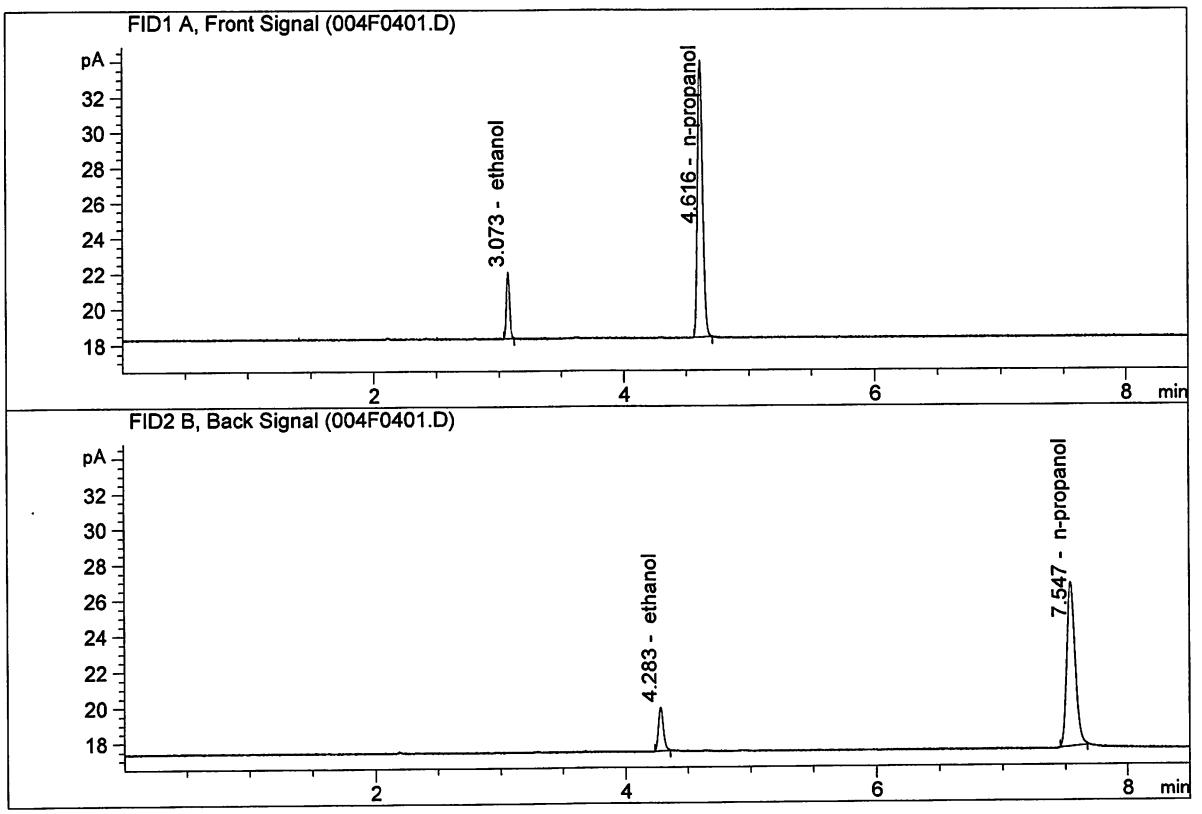
Sample Name : QC1-1-A
Laboratory : Meridian
Injection Date : Jun 28, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.87640	0.0782	g/100cc
2.	Ethanol	Column 2:	6.82475	0.0787	g/100cc
3.	n-Propanol	Column 1:	45.17096	1.0000	g/100cc
4.	n-Propanol	Column 2:	45.12955	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-B
Laboratory : Meridian
Injection Date : Jun 28, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.78158	0.0780	g/100cc
2.	Ethanol	Column 2:	6.74614	0.0788	g/100cc
3.	n-Propanol	Column 1:	44.64137	1.0000	g/100cc
4.	n-Propanol	Column 2:	44.49664	1.0000	g/100cc

JG

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.08 FN10281510 **Analysis Date(s): 28 Jun 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0797	0.0805	0.0008	0.0801	0.0801	
(g/100cc)	0.0800	0.0804	0.0004	0.0802		

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
0.080	**0.076**	**0.084**	**0.004**

Reported Result

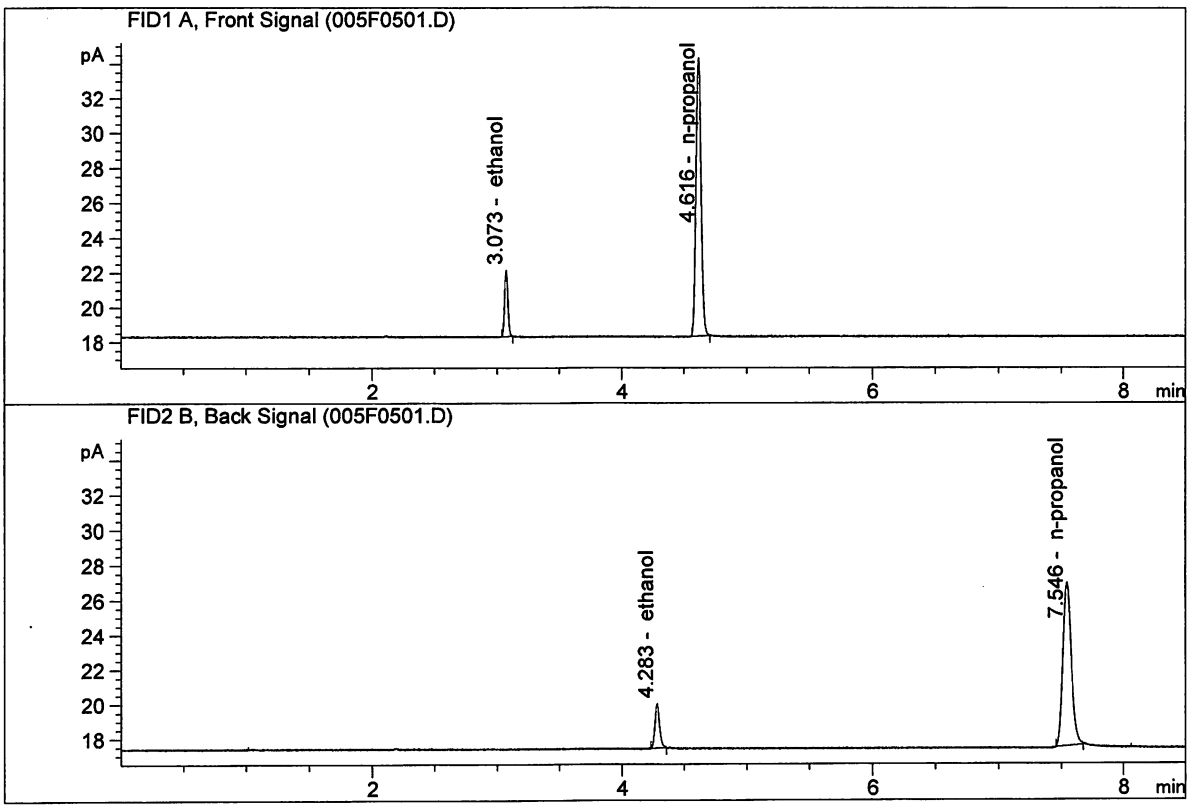
0.080

Calibration and control data are stored centrally.

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN10281510-A
Laboratory : Meridian
Injection Date : Jun 28, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

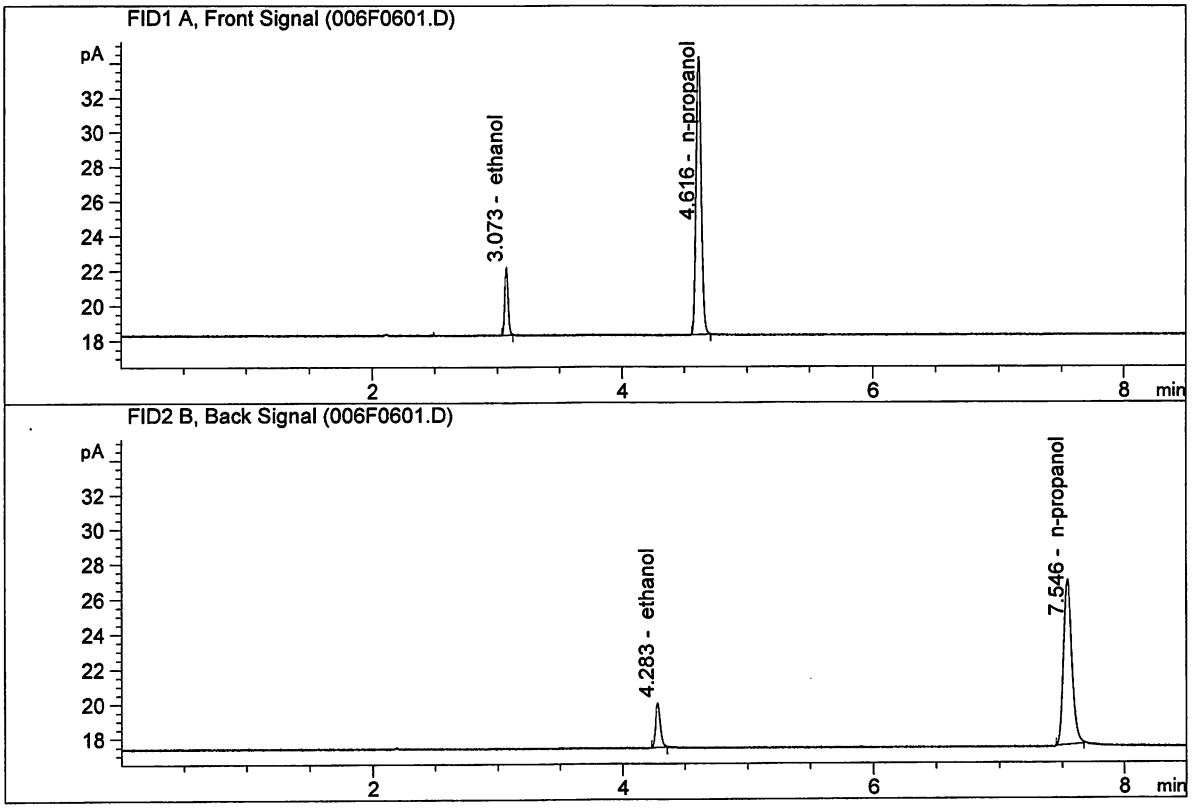


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.06996	0.0797	g/100cc
2.	Ethanol	Column 2:	7.03267	0.0805	g/100cc
3.	n-Propanol	Column 1:	45.51890	1.0000	g/100cc
4.	n-Propanol	Column 2:	45.37418	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN10281510-B
Laboratory : Meridian
Injection Date : Jun 28, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.11910	0.0800	g/100cc
2.	Ethanol	Column 2:	7.05821	0.0804	g/100cc
3.	n-Propanol	Column 1:	45.66539	1.0000	g/100cc
4.	n-Propanol	Column 2:	45.56451	1.0000	g/100cc

JG

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-1 **Analysis Date(s): 28 Jun 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.1972	0.1965	0.0007	0.1968	0.1968	
(g/100cc)	0.1969	0.1969	0.0000	0.1969		

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
0.196	**0.186**	**0.206**	**0.010**

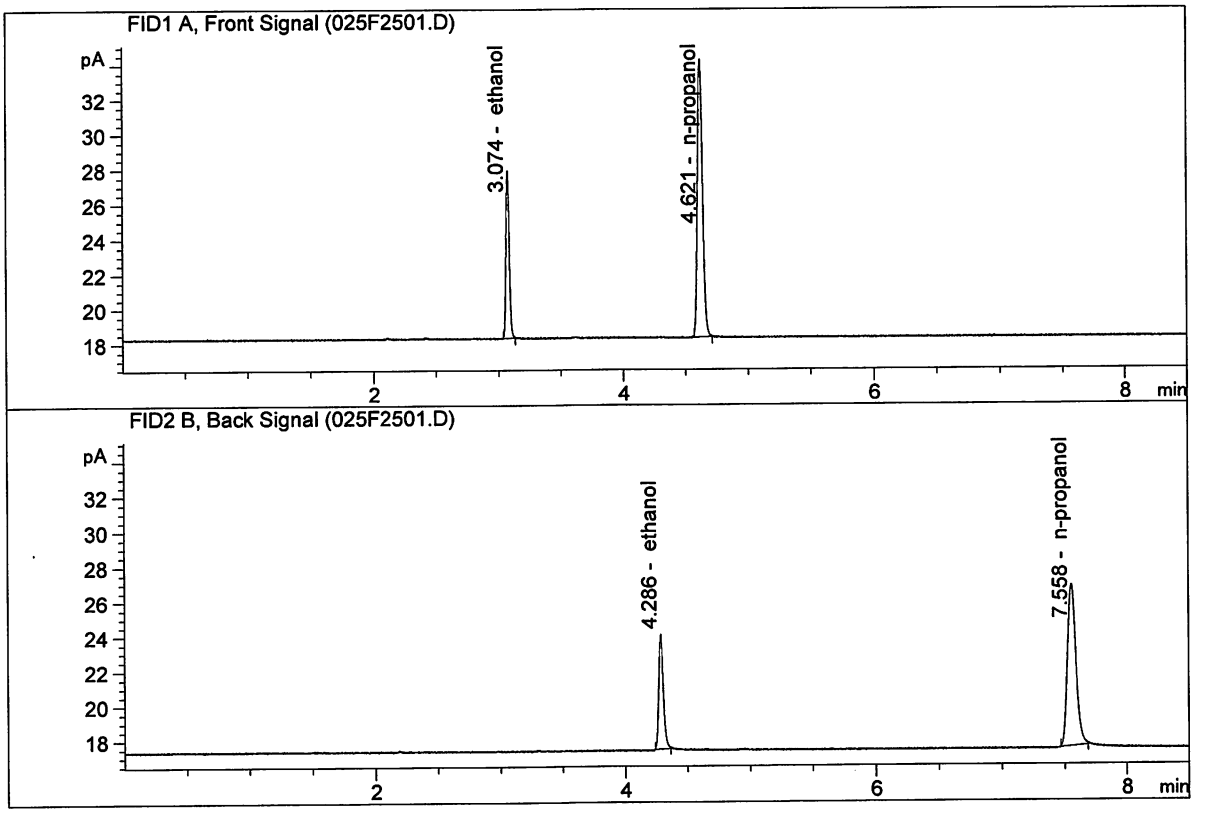
	Reported Result	
	0.196	

Calibration and control data are stored centrally.

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-A
Laboratory : Meridian
Injection Date : Jun 28, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

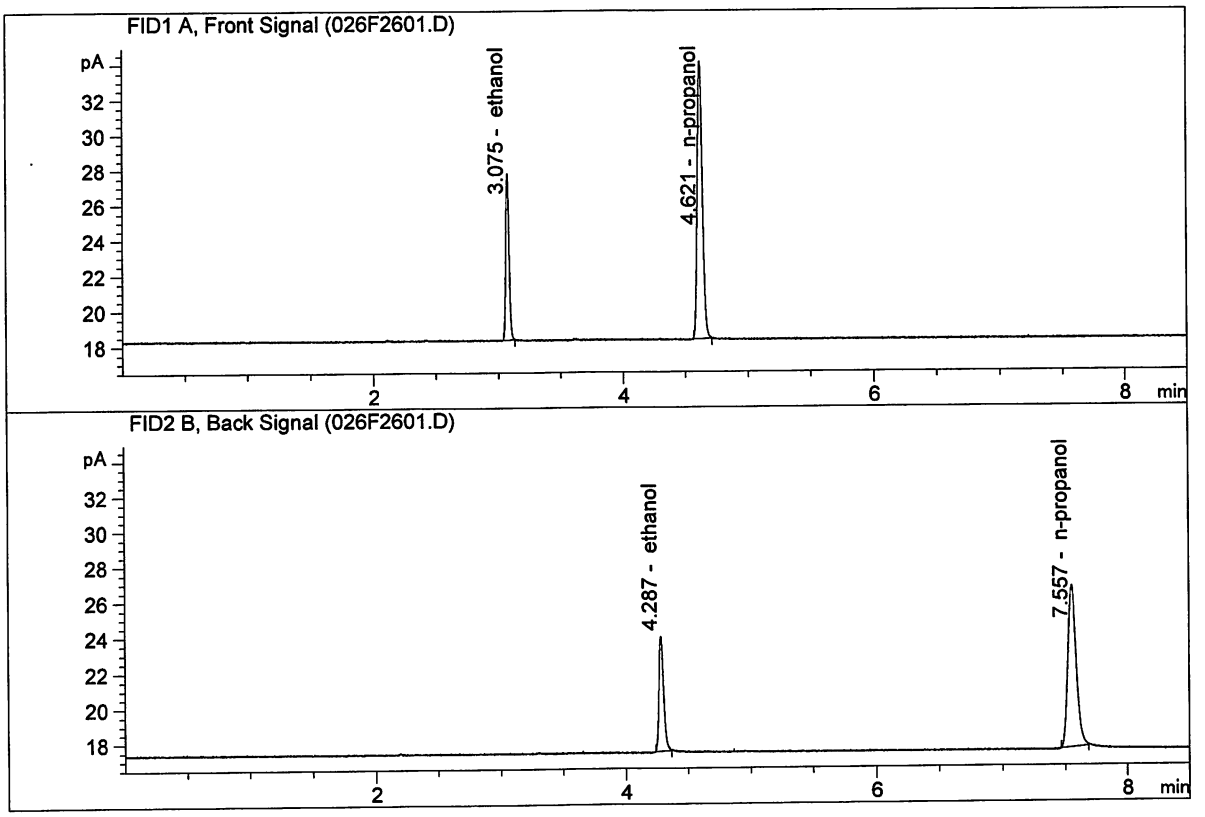


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.55304	0.1972	g/100cc
2.	Ethanol	Column 2:	17.73211	0.1965	g/100cc
3.	n-Propanol	Column 1:	45.44654	1.0000	g/100cc
4.	n-Propanol	Column 2:	44.96849	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-B
Laboratory : Meridian
Injection Date : Jun 28, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.30317	0.1969	g/100cc
2.	Ethanol	Column 2:	17.49953	0.1969	g/100cc
3.	n-Propanol	Column 1:	44.87605	1.0000	g/100cc
4.	n-Propanol	Column 2:	44.29804	1.0000	g/100cc

JC

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-2 **Analysis Date(s): 29 Jun 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0810	0.0821	0.0011	0.0815	0.0806	
(g/100cc)	0.0794	0.0800	0.0006	0.0797		

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
0.080	**0.076**	**0.084**	**0.004**

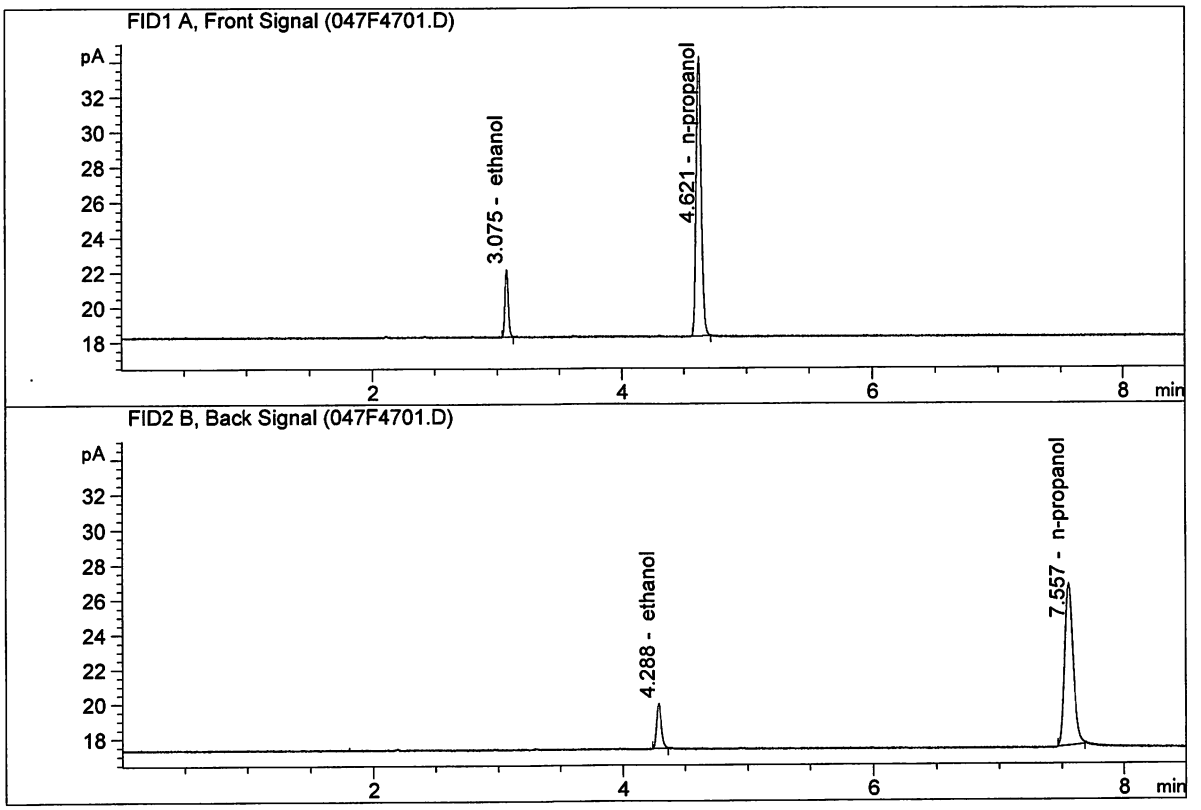
	Reported Result	
	0.080	

Calibration and control data are stored centrally.

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-A
Laboratory : Meridian
Injection Date : Jun 29, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

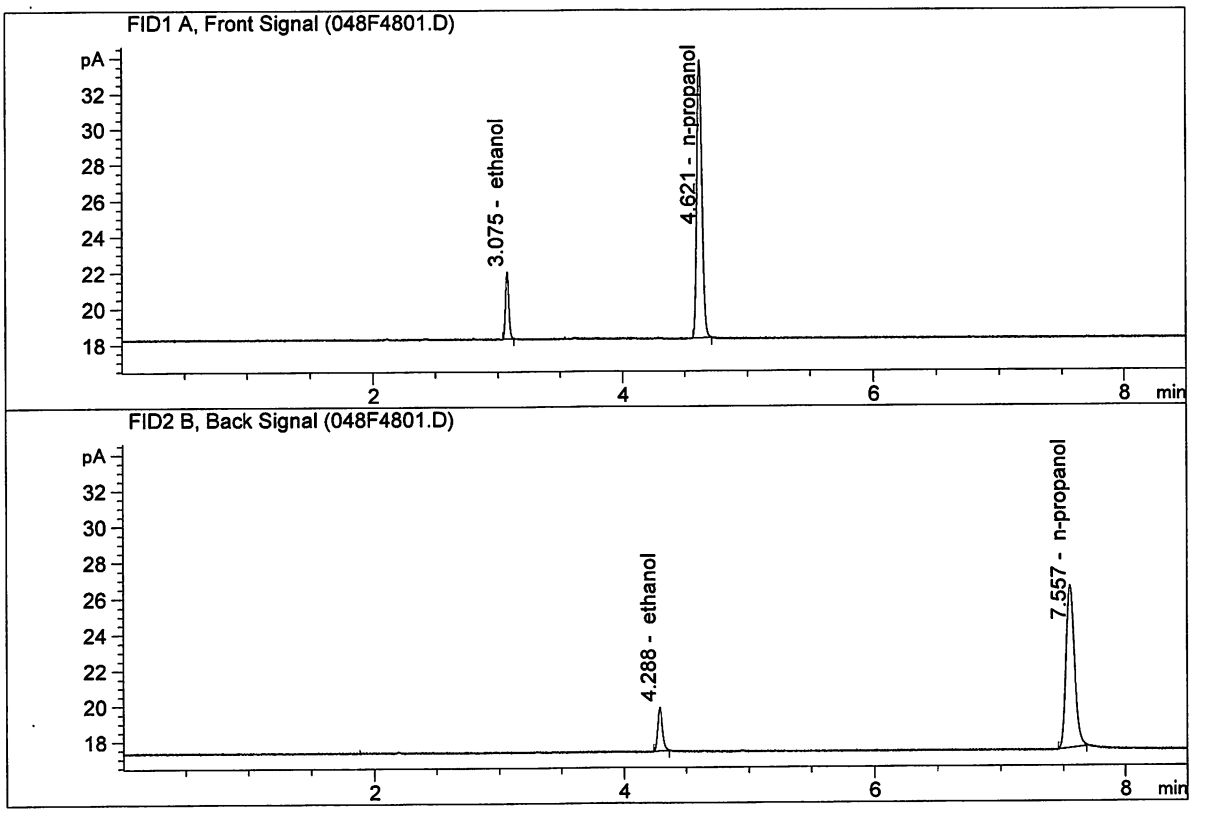


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.13518	0.0810	g/100cc
2.	Ethanol	Column 2:	7.06895	0.0821	g/100cc
3.	n-Propanol	Column 1:	45.21276	1.0000	g/100cc
4.	n-Propanol	Column 2:	44.63308	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-B
Laboratory : Meridian
Injection Date : Jun 29, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.83486	0.0794	g/100cc
2.	Ethanol	Column 2:	6.76582	0.0800	g/100cc
3.	n-Propanol	Column 1:	44.22139	1.0000	g/100cc
4.	n-Propanol	Column 2:	43.94509	1.0000	g/100cc

JG

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-2 **Analysis Date(s): 29 Jun 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.2005	0.2006	0.0001	0.2005	0.1992	
(g/100cc)	0.1984	0.1974	0.0010	0.1979		

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
0.199	**0.189**	**0.209**	**0.010**

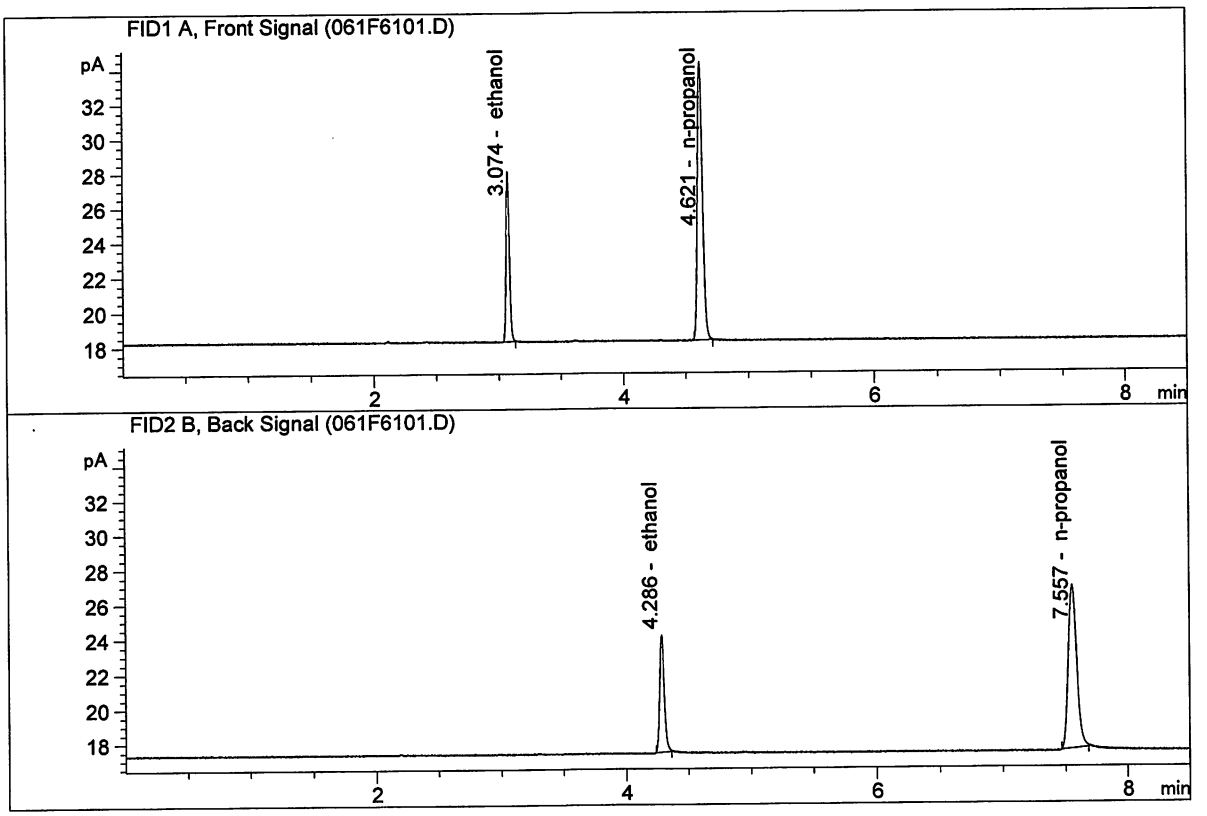
	Reported Result	
	0.199	

Calibration and control data are stored centrally.

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-2-A
Laboratory : Meridian
Injection Date : Jun 29, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

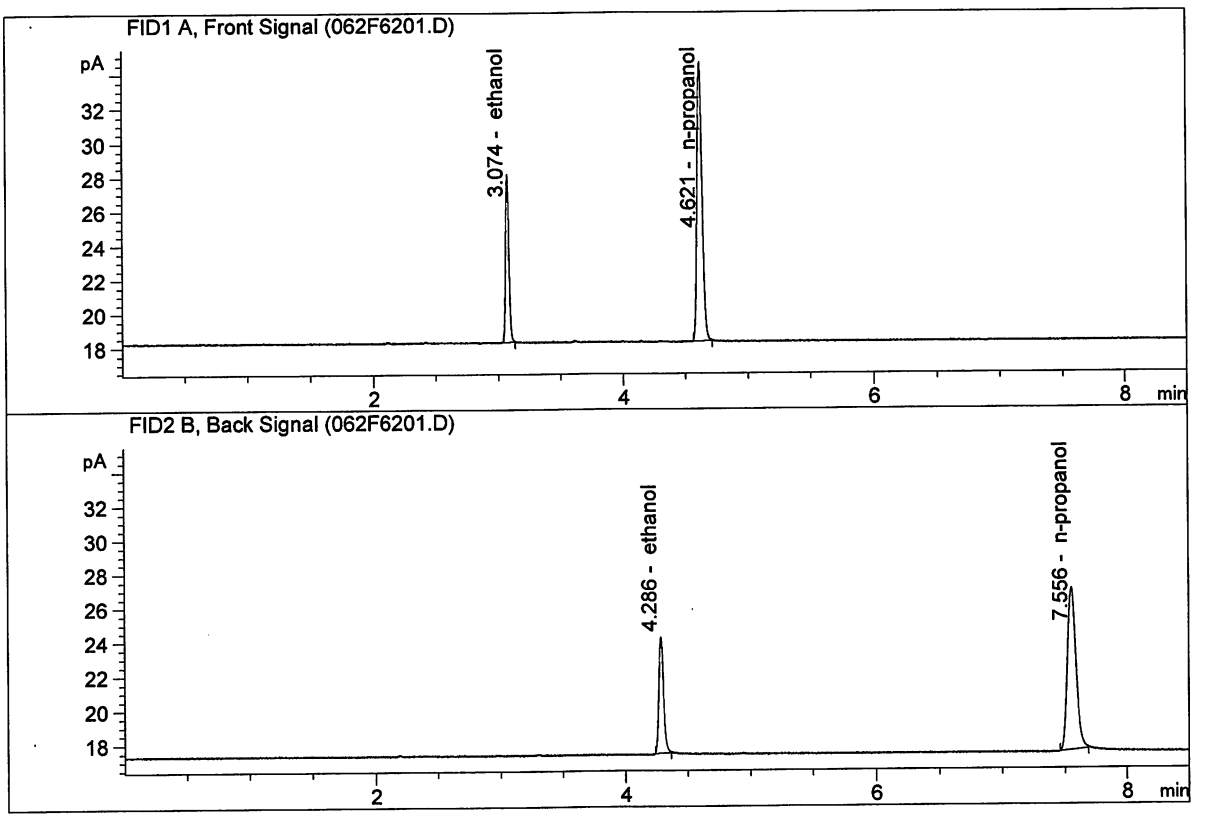


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.88285	0.2005	g/100cc
2.	Ethanol	Column 2:	18.05885	0.2006	g/100cc
3.	n-Propanol	Column 1:	45.54418	1.0000	g/100cc
4.	n-Propanol	Column 2:	44.85195	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-2-B
Laboratory : Meridian
Injection Date : Jun 29, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

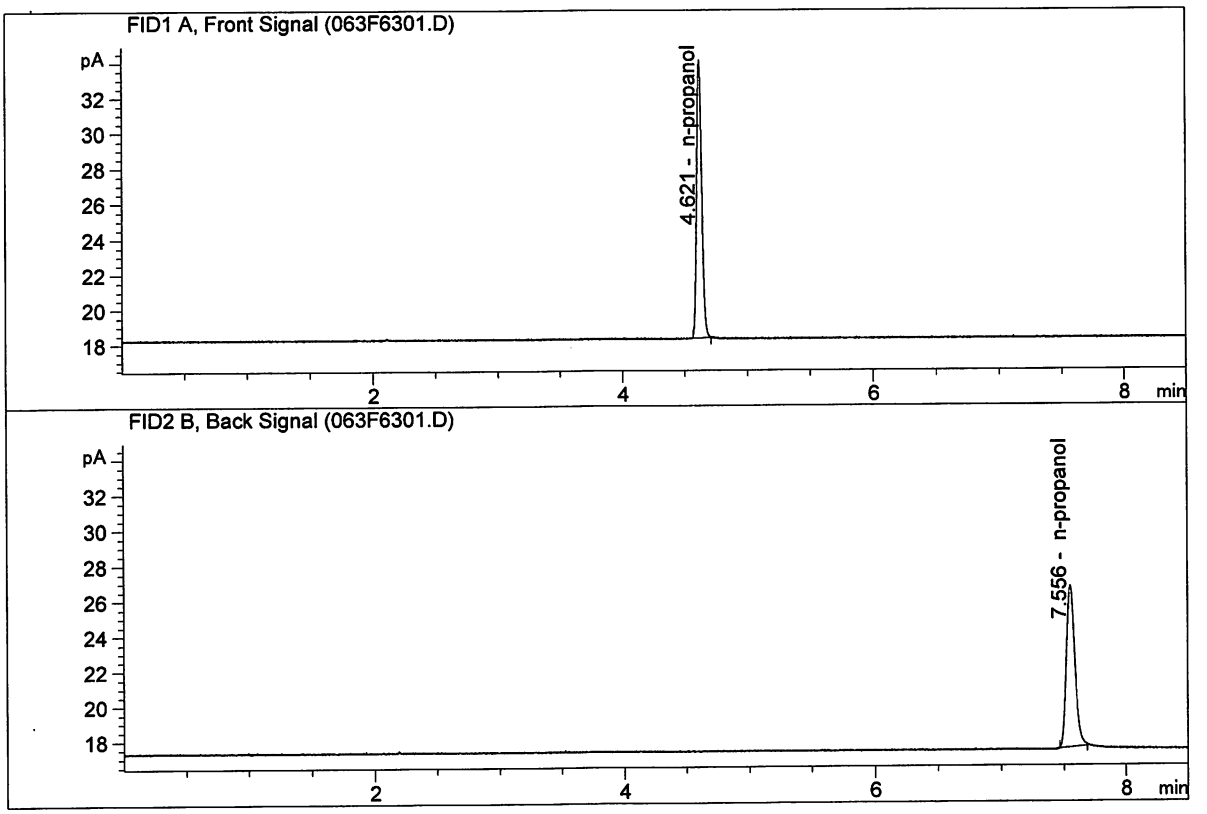


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.00402	0.1984	g/100cc
2.	Ethanol	Column 2:	18.22095	0.1974	g/100cc
3.	n-Propanol	Column 1:	46.34578	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.01088	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : Jun 29, 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:	44.75042	1.0000	g/100cc
4.	n-Propanol	Column 2:	44.37244	1.0000	g/100cc

JC

Sample Summary

Sequence table: C:\Chem32\1\Data\06-28-17_SAMPLES\06-28-17_SAMPLES 2017-06-28 16-16-03\06 28-17_SAMPLES.S
Data directory path: C:\Chem32\1\Data\06-28-17_SAMPLES\06-28-17_SAMPLES 2017-06-28 16-16-03\
Logbook: C:\Chem32\1\Data\06-28-17_SAMPLES\06-28-17_SAMPLES 2017-06-28 16-16-03\06 28-17_SAMPLES.LOG
Sequence start: 6/28/2017 4:30:50 PM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\06-28-17_SAMPLES\06-28-17_SAMPLES 2017-06-28 16-16-03 \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	REpco 17106A 029	-	1.0000	007F0701.D		4
8	8	1	REpco 17106A 029	-	1.0000	008F0801.D		4
9	9	1	REpco 17106A 071	-	1.0000	009F0901.D		4
10	10	1	REpco 17106A 071	-	1.0000	010F1001.D		4
11	11	1	M2017-2723-1-A	-	1.0000	011F1101.D		2
12	12	1	M2017-2723-1-B	-	1.0000	012F1201.D		2
13	13	1	M2017-2803-1-A	-	1.0000	013F1301.D		4
14	14	1	M2017-2803-1-B	-	1.0000	014F1401.D		4
15	15	1	M2017-2809-1-A	-	1.0000	015F1501.D		4
16	16	1	M2017-2809-1-B	-	1.0000	016F1601.D		4
17	17	1	M2017-2819-1-A	-	1.0000	017F1701.D		4
18	18	1	M2017-2819-1-B	-	1.0000	018F1801.D		4
19	19	1	M2017-2853-1-A	-	1.0000	019F1901.D		4
20	20	1	M2017-2853-1-B	-	1.0000	020F2001.D		4
21	21	1	M2017-2858-1-A	-	1.0000	021F2101.D		4
22	22	1	M2017-2858-1-B	-	1.0000	022F2201.D		4
23	23	1	M2017-2859-1-A	-	1.0000	023F2301.D		2
24	24	1	M2017-2859-1-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	M2017-2860-3-A	-	1.0000	027F2701.D		2
28	28	1	M2017-2860-3-B	-	1.0000	028F2801.D		2
29	29	1	M2017-2869-1-A	-	1.0000	029F2901.D		4
30	30	1	M2017-2869-1-B	-	1.0000	030F3001.D		4
31	31	1	M2017-2870-1-A	-	1.0000	031F3101.D		4
32	32	1	M2017-2870-1-B	-	1.0000	032F3201.D		4
33	33	1	M2017-2871-1-A	-	1.0000	033F3301.D		4
34	34	1	M2017-2871-1-B	-	1.0000	034F3401.D		4
35	35	1	M2017-2874-1-A	-	1.0000	035F3501.D		4
36	36	1	M2017-2874-1-B	-	1.0000	036F3601.D		4
37	37	1	M2017-2875-1-A	-	1.0000	037F3701.D		4
38	38	1	M2017-2875-1-B	-	1.0000	038F3801.D		4
39	39	1	M2017-2876-1-A	-	1.0000	039F3901.D		4
40	40	1	M2017-2876-1-B	-	1.0000	040F4001.D		4
41	41	1	M2017-2892-1-A	-	1.0000	041F4101.D		4
42	42	1	M2017-2892-1-B	-	1.0000	042F4201.D		4
43	43	1	M2017-2893-1-A	-	1.0000	043F4301.D		4

JG

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
44	44	1	M2017-2893-1-B	-	1.0000	044F4401.D	4
45	45	1	M2017-2894-1-A	-	1.0000	045F4501.D	4
46	46	1	M2017-2894-1-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	M2017-2895-1-A	-	1.0000	049F4901.D	4
50	50	1	M2017-2895-1-B	-	1.0000	050F5001.D	4
51	51	1	M2017-2896-1-A	-	1.0000	051F5101.D	4
52	52	1	M2017-2896-1-B	-	1.0000	052F5201.D	4
53	53	1	M2017-2931-1-A	-	1.0000	053F5301.D	4
54	54	1	M2017-2931-1-B	-	1.0000	054F5401.D	4
55	55	1	M2017-2932-1-A	-	1.0000	055F5501.D	4
56	56	1	M2017-2932-1-B	-	1.0000	056F5601.D	4
57	57	1	M2017-2933-1-A	-	1.0000	057F5701.D	4
58	58	1	M2017-2933-1-B	-	1.0000	058F5801.D	4
59	59	1	P2017-1413-1-A	-	1.0000	059F5901.D	2
60	60	1	P2017-1413-1-B	-	1.0000	060F6001.D	2
61	61	1	QC2-2-A	-	1.0000	061F6101.D	4
62	62	1	QC2-2-B	-	1.0000	062F6201.D	4
63	63	1	INTERNAL STD BLK	-	1.0000	063F6301.D	2

Method file name: C:\Chem32\1\Data\06-28-17_SAMPLES\06-28-17_SAMPLES 2017-06-28 16-16-03 \SHUTDOWN.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
64	64	1	EMPTY	-	1.0000	064F6401.D	0

JG

Calibration Table

General Calibration Setting

Calib. Data Modified : Friday, June 23, 2017 3:18:33 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
3.072	1	1	5.00000e-2	4.37770	1.14215e-2	No	No	1	ethanol
		2	1.00000e-1	8.83710	1.13159e-2				
		3	2.00000e-1	17.66828	1.13197e-2				
		4	3.00000e-1	26.32227	1.13972e-2				
		5	5.00000e-1	45.05851	1.10967e-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
4.281	2	1	5.00000e-2	4.38866	1.13930e-2	No	No	2	ethanol
		2	1.00000e-1	8.88058	1.12605e-2				
		3	2.00000e-1	18.09643	1.10519e-2				
		4	3.00000e-1	27.11680	1.10633e-2				
		5	5.00000e-1	47.06606	1.06234e-2				
4.308	1	1	1.00000	6.49940	1.53860e-1	No	No	1	acetone
4.618	1	1	1.00000	45.15619	2.21454e-2	No	Yes	1	n-propanol
		2	1.00000	45.60896	2.19255e-2				
		3	1.00000	45.35204	2.20497e-2				
		4	1.00000	44.32336	2.25615e-2				
		5	1.00000	46.02655	2.17266e-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	45.91549	2.17791e-2	No	Yes	2	n-propanol
		2	1.00000	46.11189	2.16864e-2				
		3	1.00000	45.52158	2.19676e-2				
		4	1.00000	44.37747	2.25340e-2				
		5	1.00000	46.15291	2.16671e-2				

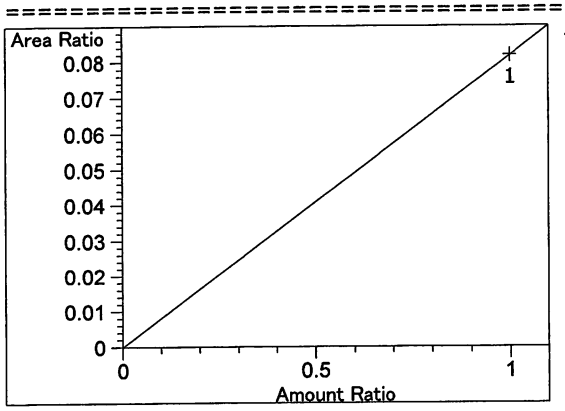
Peak Sum Table

No Entries in table

1 Warnings or Errors :

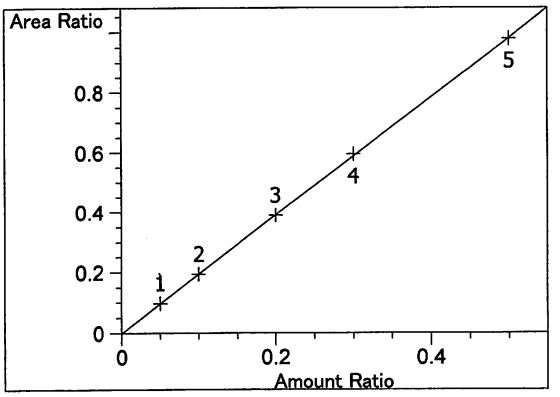
Warning : Curve requires more calibration points., (methanol)

Calibration Curves

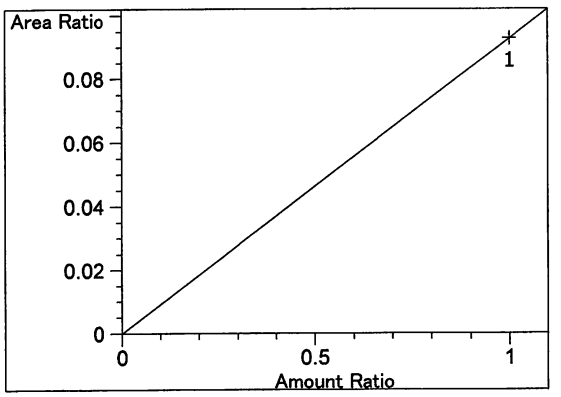


methanol at exp. RT: 2.586
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.18646e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio

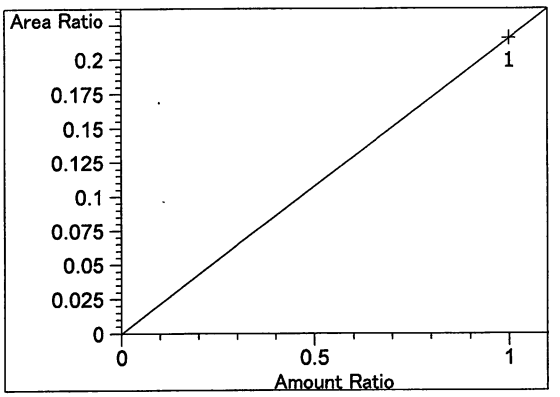
JC



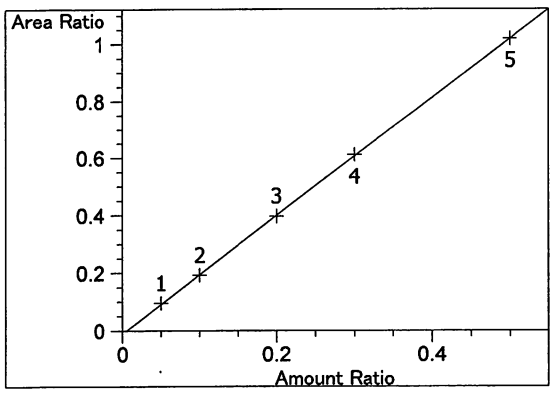
ethanol at exp. RT: 3.072
FID1 A, Front Signal
Correlation: 0.99996
Residual Std. Dev.: 0.00382
Formula: y = mx + b
m: 1.96536
b: -1.40825e-3
x: Amount Ratio
y: Area Ratio



methanol at exp. RT: 3.388
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 9.27928e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio

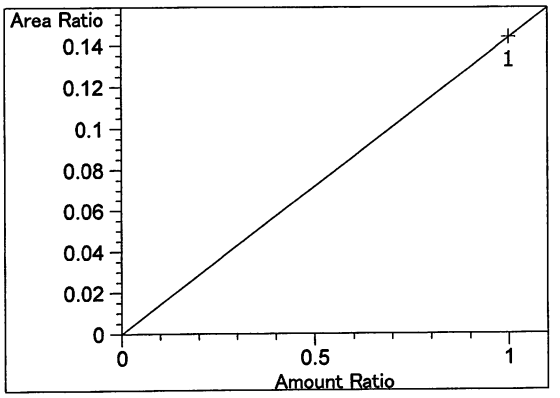


isopropyl alcohol at exp. RT: 3.628
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 2.15487e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio

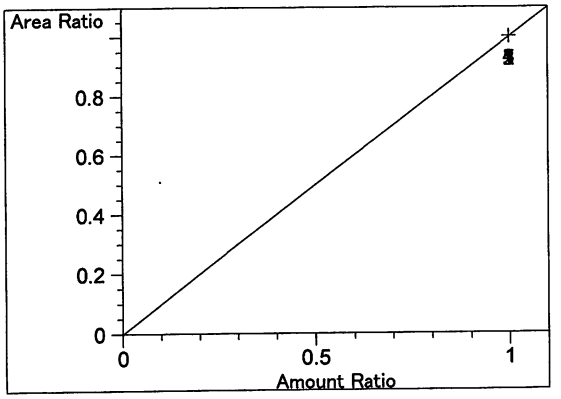


ethanol at exp. RT: 4.281
FID2 B, Back Signal
Correlation: 0.99996
Residual Std. Dev.: 0.00391
Formula: y = mx + b
m: 2.06210
b: -1.09745e-2
x: Amount Ratio
y: Area Ratio

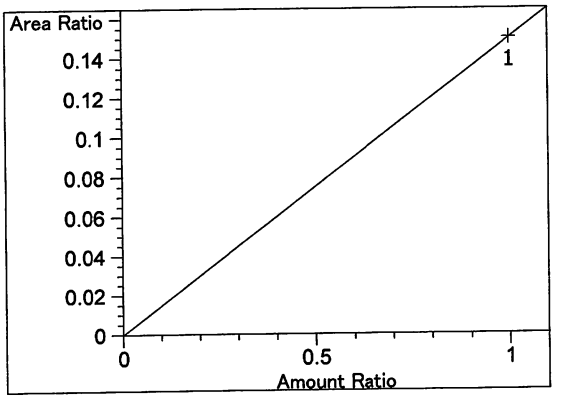
JO



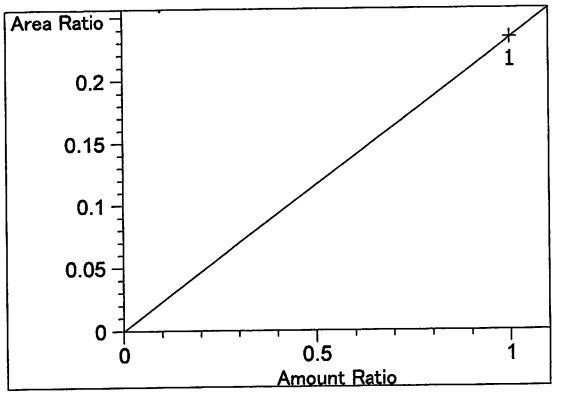
acetone at exp. RT: 4.308
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.43932e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



n-propanol at exp. RT: 4.618
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

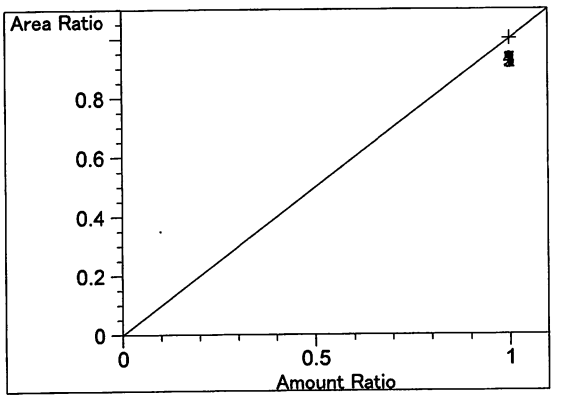


acetone at exp. RT: 4.661
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.50124e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



isopropyl alcohol at exp. RT: 4.969
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 2.33177e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio

JG



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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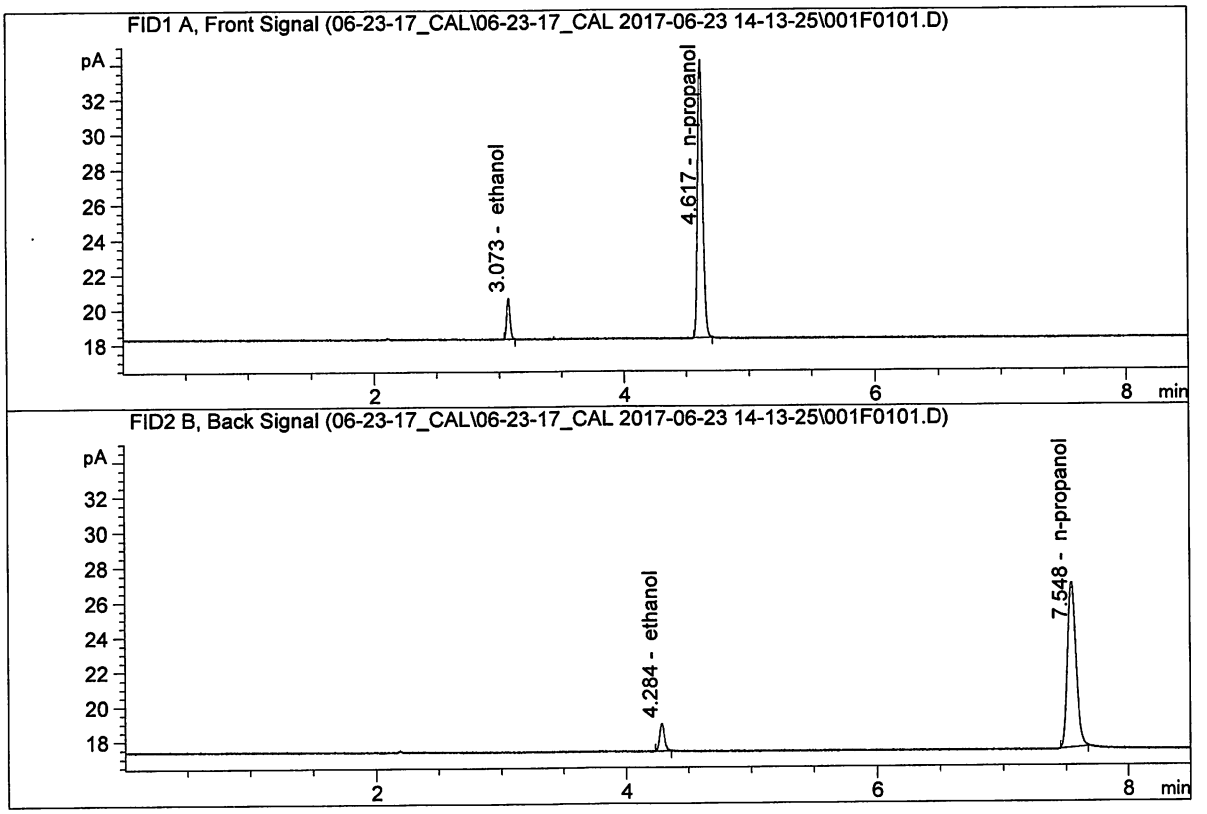
ISP Forensic Services Blood Alcohol Report

Sample Name : 0.050 FN06231406
Laboratory : Meridian
Injection Date : Jun 23, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

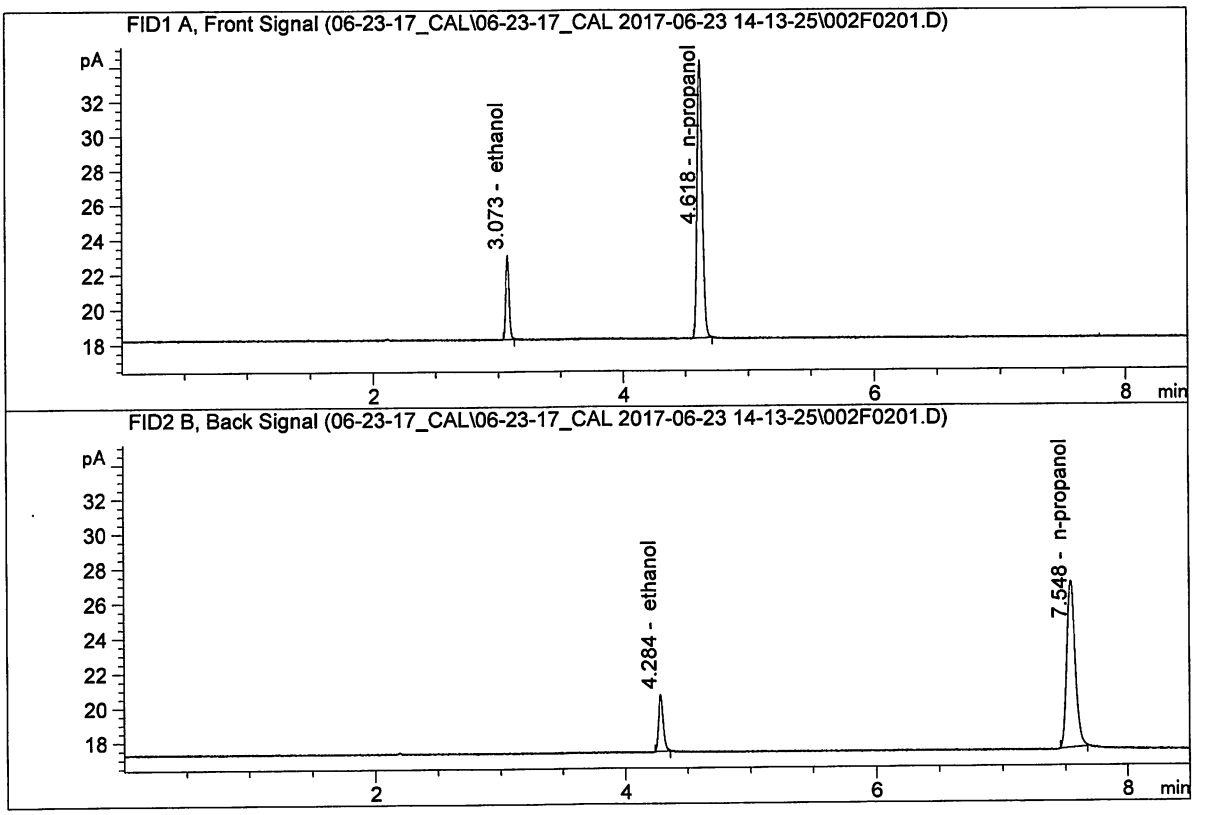


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	4.37770	0.0500	g/100cc
2.	Ethanol	Column 2:	4.38866	0.0517	g/100cc
3.	n-Propanol	Column 1:	45.15619	1.0000	g/100cc
4.	n-Propanol	Column 2:	45.91549	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.100 FN06181501
Laboratory : Meridian
Injection Date : Jun 23, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	8.83710	0.0993	g/100cc
2.	Ethanol	Column 2:	8.88058	0.0987	g/100cc
3.	n-Propanol	Column 1:	45.60896	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.11189	1.0000	g/100cc

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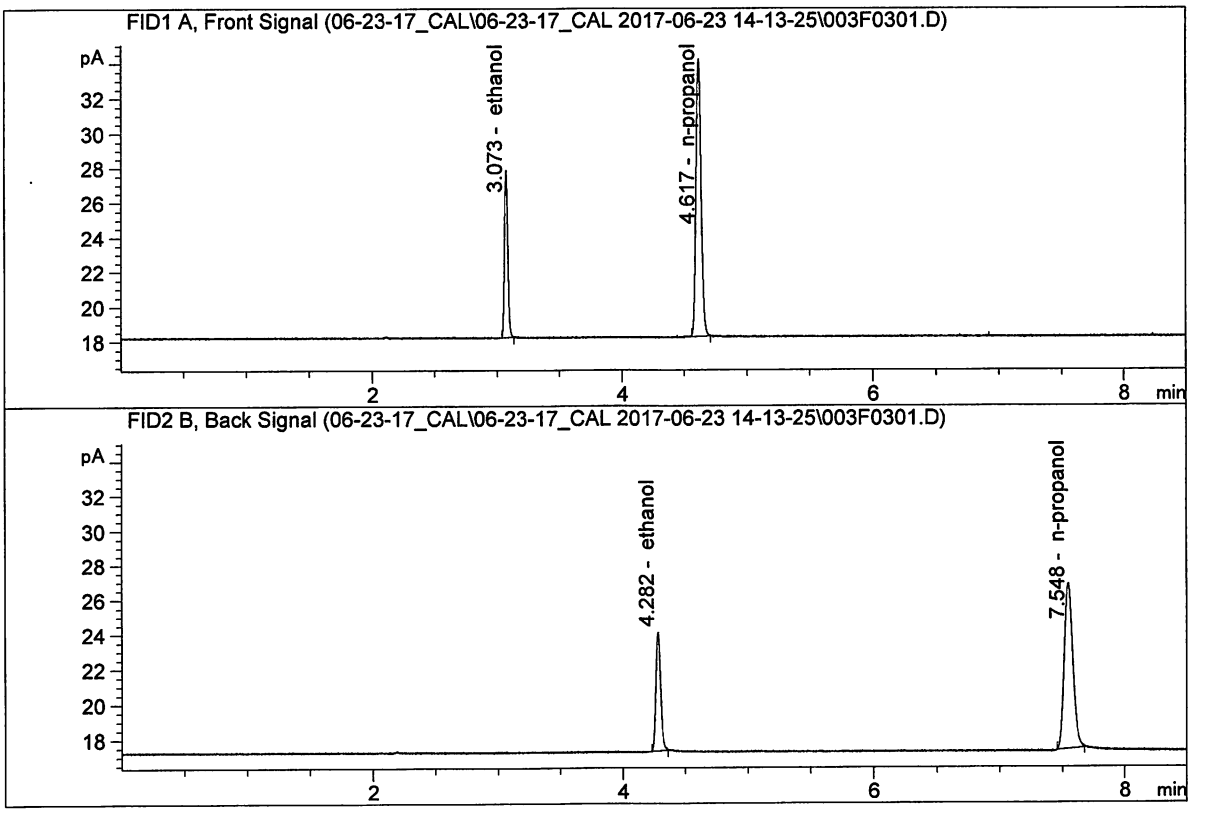
ISP Forensic Services Blood Alcohol Report

Sample Name : 0.200 FN07201502
Laboratory : Meridian
Injection Date : Jun 23, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

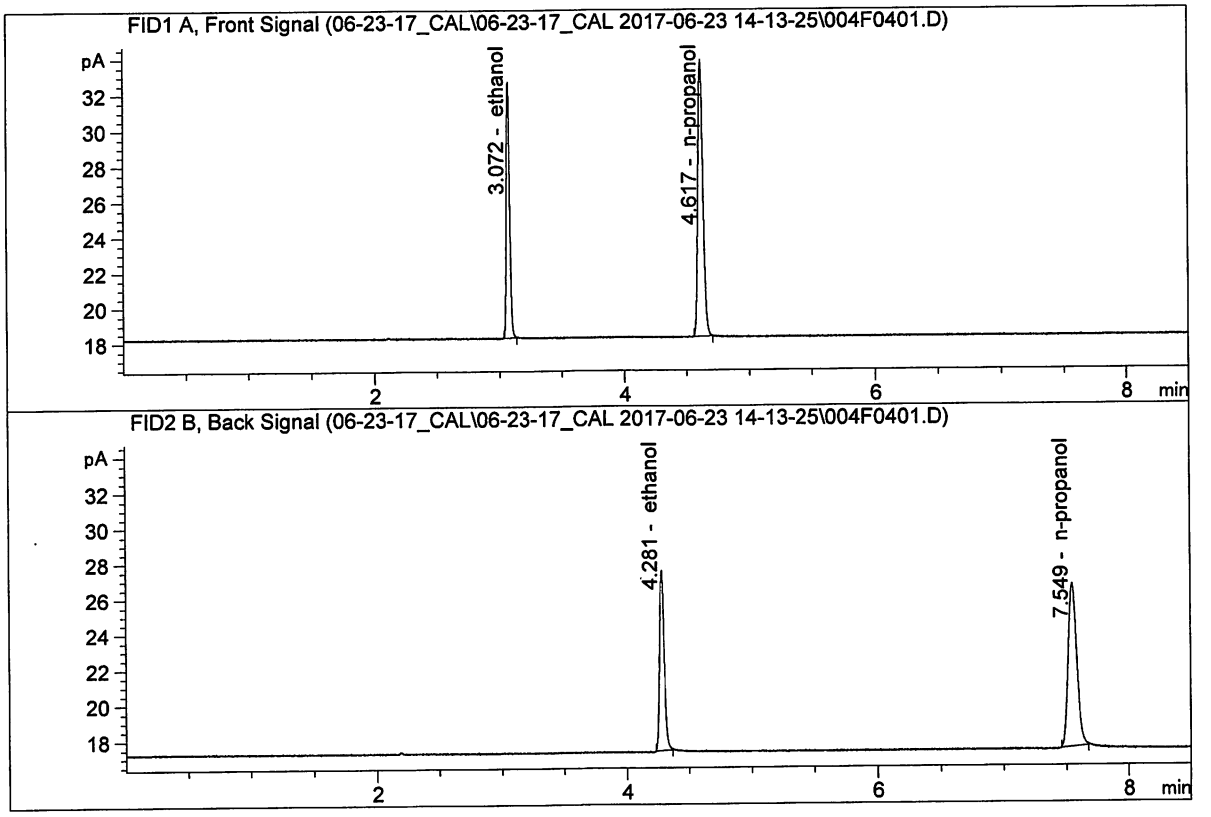


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.66828	0.1989	g/100cc
2.	Ethanol	Column 2:	18.09643	0.1981	g/100cc
3.	n-Propanol	Column 1:	45.35204	1.0000	g/100cc
4.	n-Propanol	Column 2:	45.52158	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.300 FN02121601
Laboratory : Meridian
Injection Date : Jun 23, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

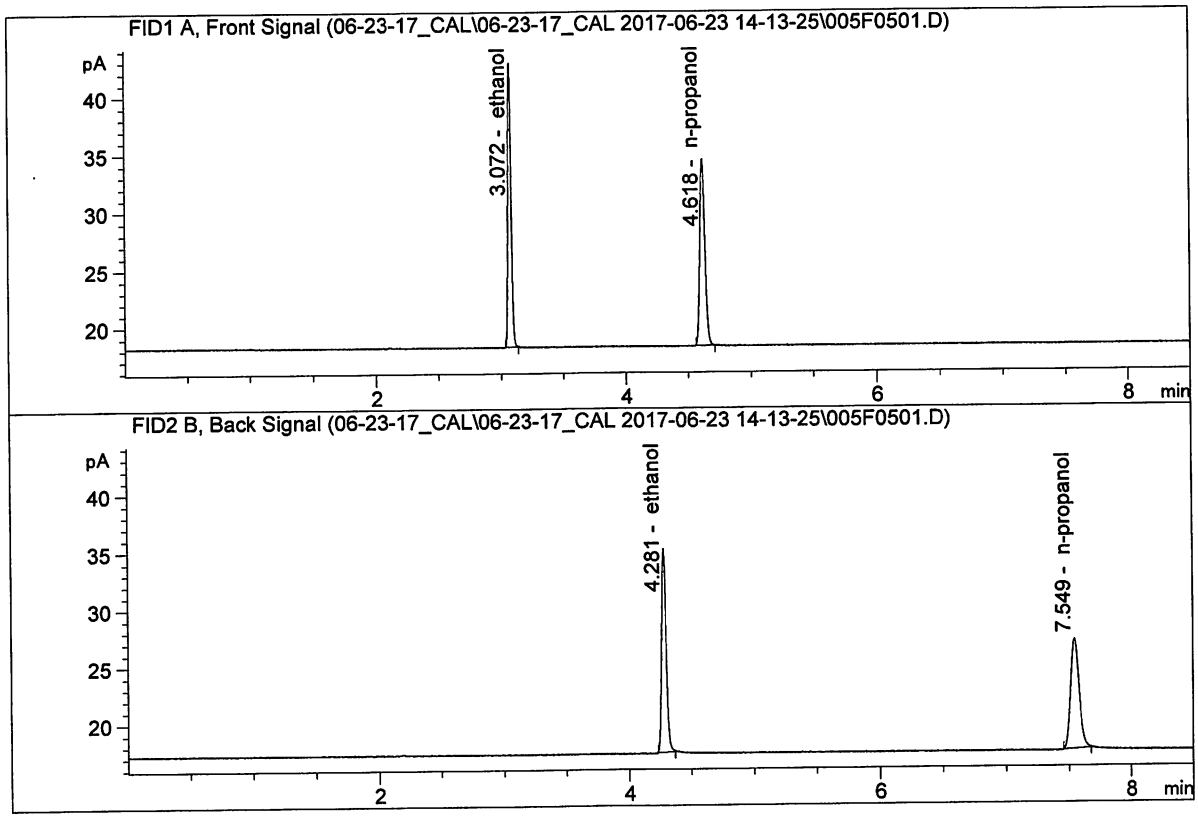


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	26.32227	0.3029	g/100cc
2.	Ethanol	Column 2:	27.11680	0.3016	g/100cc
3.	n-Propanol	Column 1:	44.32336	1.0000	g/100cc
4.	n-Propanol	Column 2:	44.37747	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.500 FN07031402
Laboratory : Meridian
Injection Date : Jun 23, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

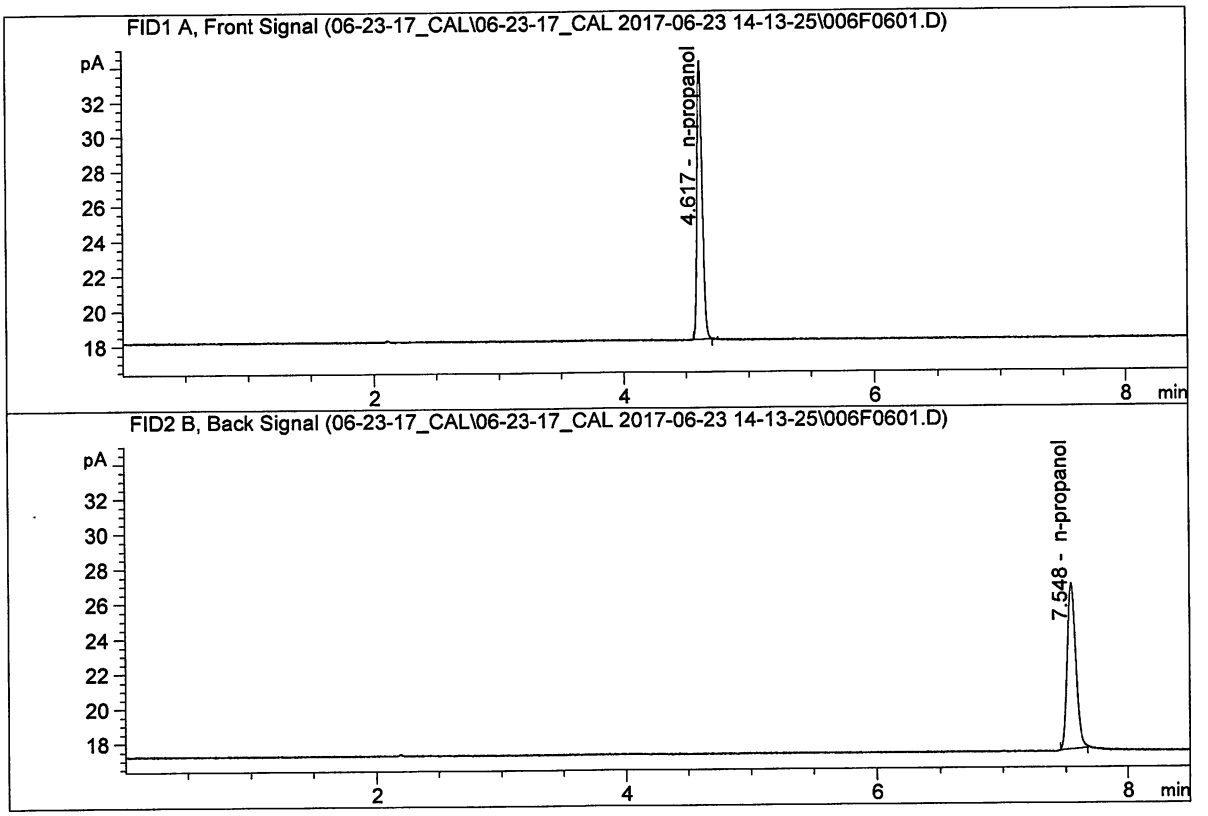


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	45.05851	0.4988	g/100cc
2.	Ethanol	Column 2:	47.06606	0.4999	g/100cc
3.	n-Propanol	Column 1:	46.02655	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.15291	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STANDARD BLANK
Laboratory : Meridian
Injection Date : Jun 23, 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:	45.31422	1.0000	g/100cc
4.	n-Propanol	Column 2:	45.52600	1.0000	g/100cc

JG