Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Analytical Method(s): 1.0

Device: Hamilton MICROLAB 600 Liquid Processor/Dilutor Serial Number: ML600HC11378

Volatiles Quality Assurance Controls

Run Date: 09/26/18-09/27/18

Calibration Date: 09/17/18

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jan-22	1801036	0.0812	0.0731-0.0893	0.0772 g/100cc
					0.0823 g/100cc
					g/100cc
Level 2	Mar-22	1803028	0.2035	0.1832-0.2238	0.2099 g/100cc
					0.2188 g/100cc
					g/100cc

Multi-Component mixture:	**Exp date: Sept 2020**		**Lot #**	FN06041502	OK
Curve Fit:		**Column 1**	1.00000	**Column2**	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	0.0504	0.0522	0.0018	0.0513
0.080			0.080	0.072 - 0.088			0	#DIV/0!
0.100	Aug-21	FN08101601	0.100	0.090 - 0.110	0.0999	0.0991	0.0008	0.0995
0.200	Dec-19	FN12011401	0.200	0.180 - 0.220	0.1991	0.1987	0.0004	0.1989
0.300	Feb-21	FN02121601	0.300	0.270 - 0.330	0.3005	0.2989	0.0016	0.2997
0.400			0.400	0.360 - 0.440			0	#DIV/0!
0.500	Aug-19	FN07031402	0.500	0.450 - 0.550	0.5000	0.5012	0.0012	0.5006

Aqueous Controls

Control level	Expiration	Cerilliant Lot #	Target Value	Acceptable Range	Overall Results
0.080	May-22	FN04171701	0.08000	0.076 - 0.084	0.081 g/100cc

REVIEWED
By Rachel Cutler at 3:56 pm, Sep 26, 2018

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

Worklist: 2707

LAB_CASE	ITEM	TASK_ID	DESCRIPTION
M2018-3702	2	127712	Alcohol Analysis
M2018-4718	1	126959	Alcohol Analysis
M2018-4791	1	127305	Alcohol Analysis
M2018-4792	1	127309	Alcohol Analysis
M2018-4793	1	127310	Alcohol Analysis
M2018-4798	1	127328	Alcohol Analysis
M2018-4799	1	127332	Alcohol Analysis
M2018-4819	1	127373	Alcohol Analysis
M2018-4823	1	127391	Alcohol Analysis
M2018-4824	1	127392	Alcohol Analysis
M2018-4825	1	127399	Alcohol Analysis
M2018-4826	1	127403	Alcohol Analysis
M2018-4826	2	127407	Alcohol Analysis
M2018-4826	3	127411	Alcohol Analysis
M2018-4829	1	127455	Alcohol Analysis
M2018-4834	1	127481	Alcohol Analysis
M2018-4836	1	127483	Alcohol Analysis
M2018-4837	1	127490	Alcohol Analysis
M2018-4848	1	127536	Alcohol Analysis
M2018-4861	1	127617	Alcohol Analysis
M2018-4862	1	127621	Alcohol Analysis
P2018-2330	1	127713	Alcohol Analysis
P2018-2680	1	126866	Alcohol Analysis

JL

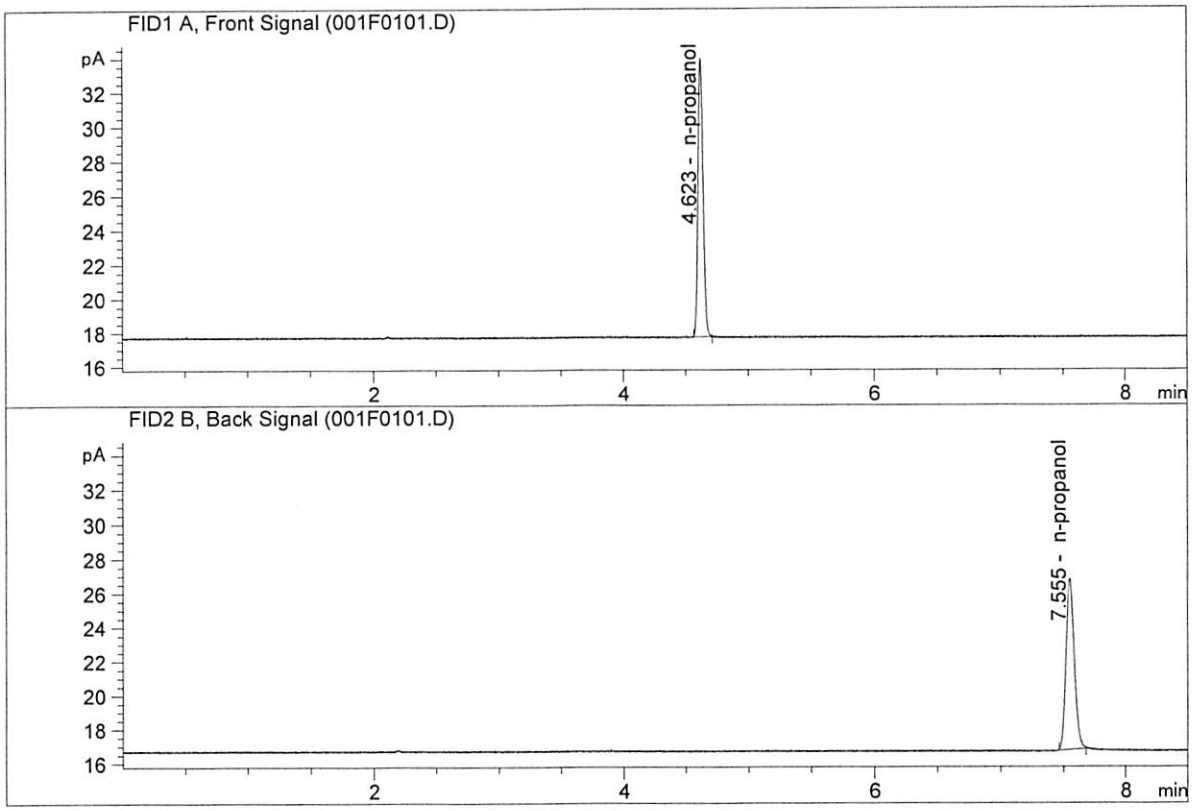
Worklist: 2707

LAB_CASE	ITEM	TASK_ID	DESCRIPTION
P2018-2716	1	127110	Alcohol Analysis

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK 1
Laboratory : Meridian
Injection Date : Sep 25, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

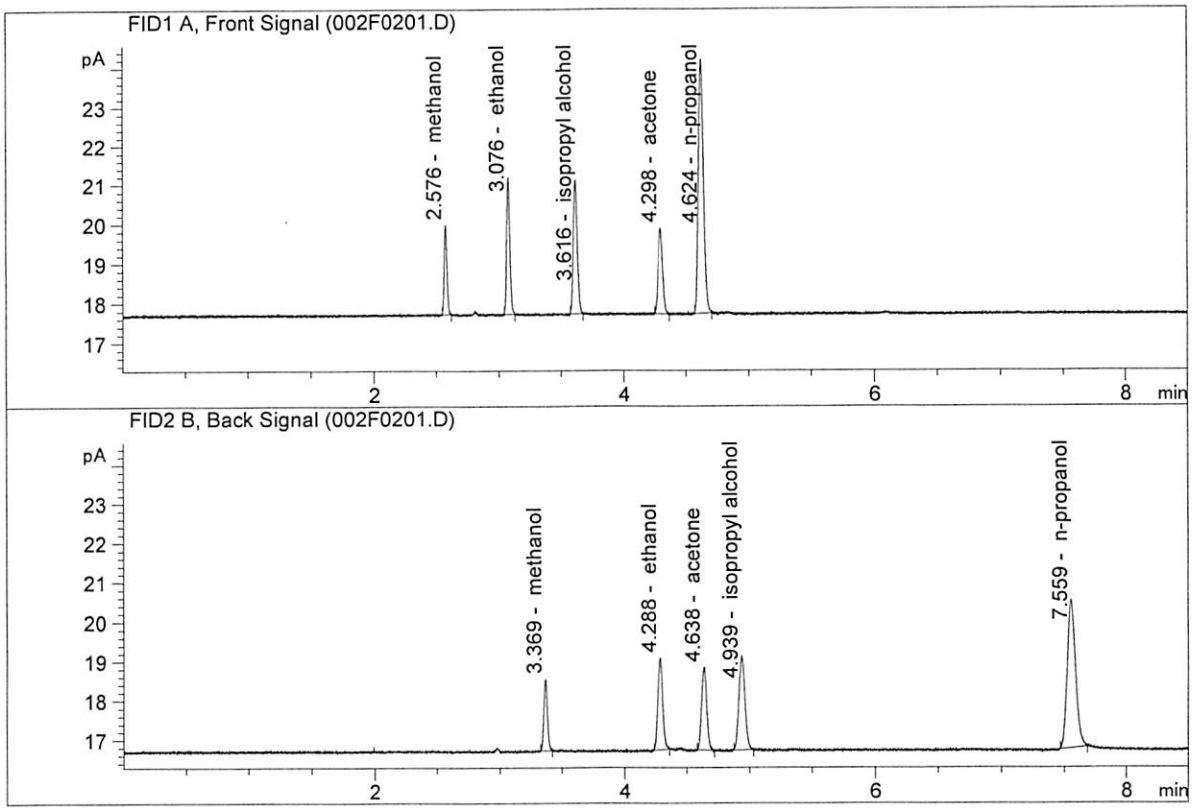


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	46.00843	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.94321	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : MIX VOL FN06041502
Laboratory : Meridian
Injection Date : Sep 25, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.11557	0.1748	g/100cc
2.	Ethanol	Column 2:	6.24974	0.1770	g/100cc
3.	n-Propanol	Column 1:	18.16689	1.0000	g/100cc
4.	n-Propanol	Column 2:	18.16380	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1 **Analysis Date(s): 25 Sep 2018**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0768	0.0778	0.0010	0.0773	0.0772	
(g/100cc)	0.0769	0.0776	0.0007	0.0772		

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: ML600HC11378

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

Overall Mean (g/100cc)	Low	High	5% of Mean
0.077	**0.073**	**0.081**	**0.004**

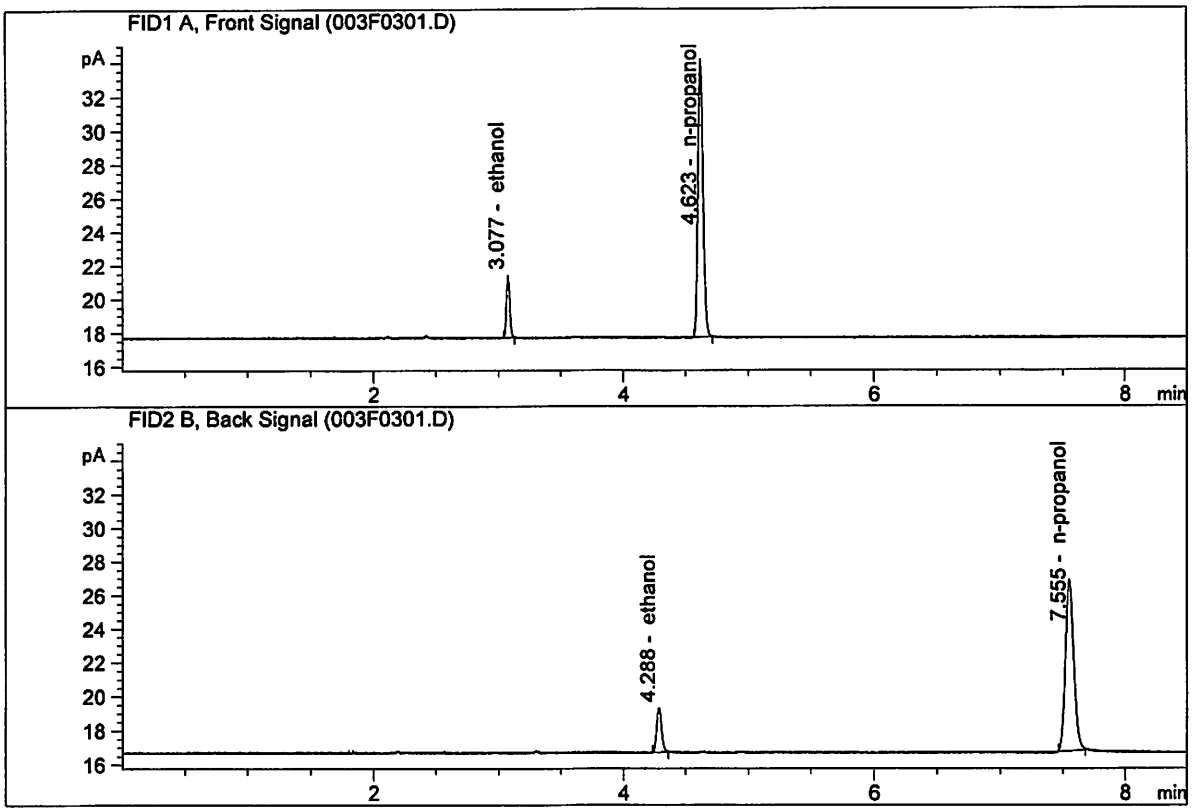
Reported Result

0.077

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-A
Laboratory : Meridian
Injection Date : Sep 25, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

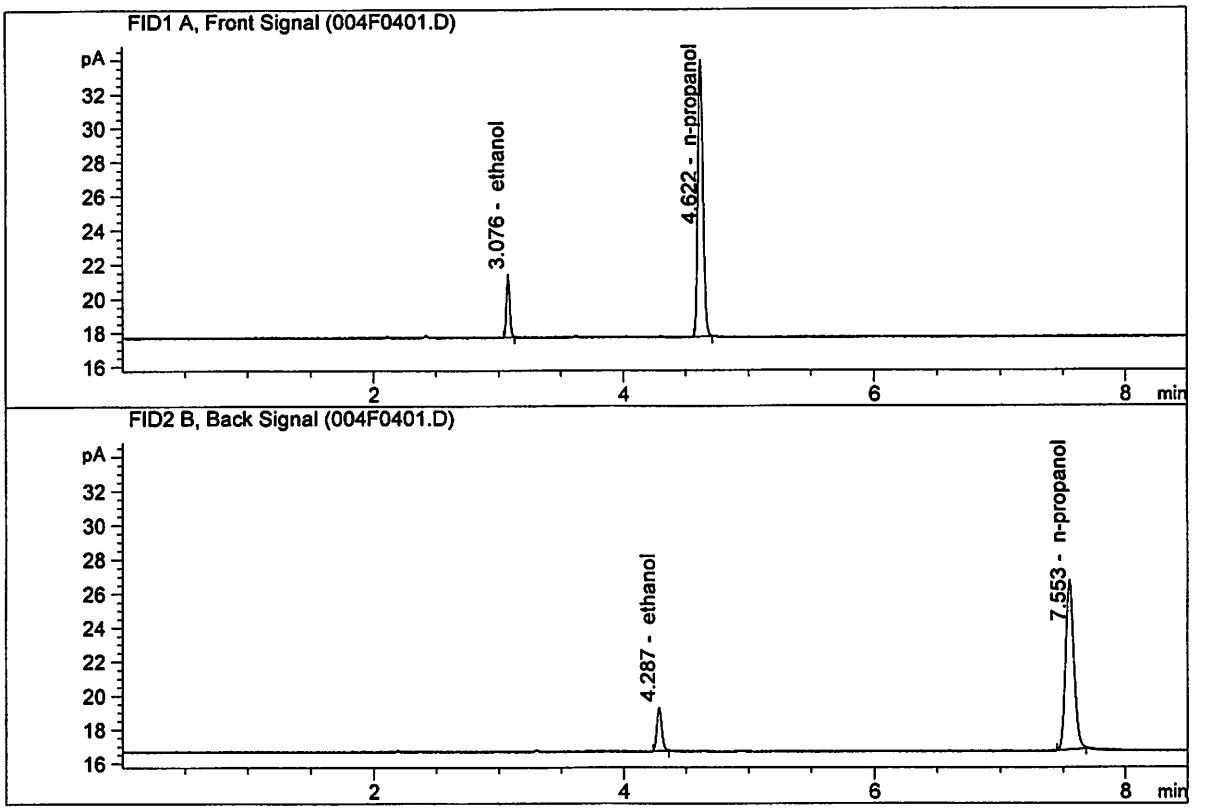


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.85612	0.0768	g/100cc
2.	Ethanol	Column 2:	7.02881	0.0778	g/100cc
3.	n-Propanol	Column 1:	46.66151	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.15560	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-B
Laboratory : Meridian
Injection Date : Sep 25, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.78455	0.0769	g/100cc
2.	Ethanol	Column 2:	6.95219	0.0776	g/100cc
3.	n-Propanol	Column 1:	46.17213	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.81176	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.08 FN04171701 **Analysis Date(s): 25 Sep 2018**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0813	0.0826	0.0013	0.0819	0.0819	
(g/100cc)	0.0817	0.0821	0.0004	0.0819		

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: ML600HC11378

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

Overall Mean (g/100cc)	Low	High	5% of Mean
0.081	**0.076**	**0.086**	**0.005**

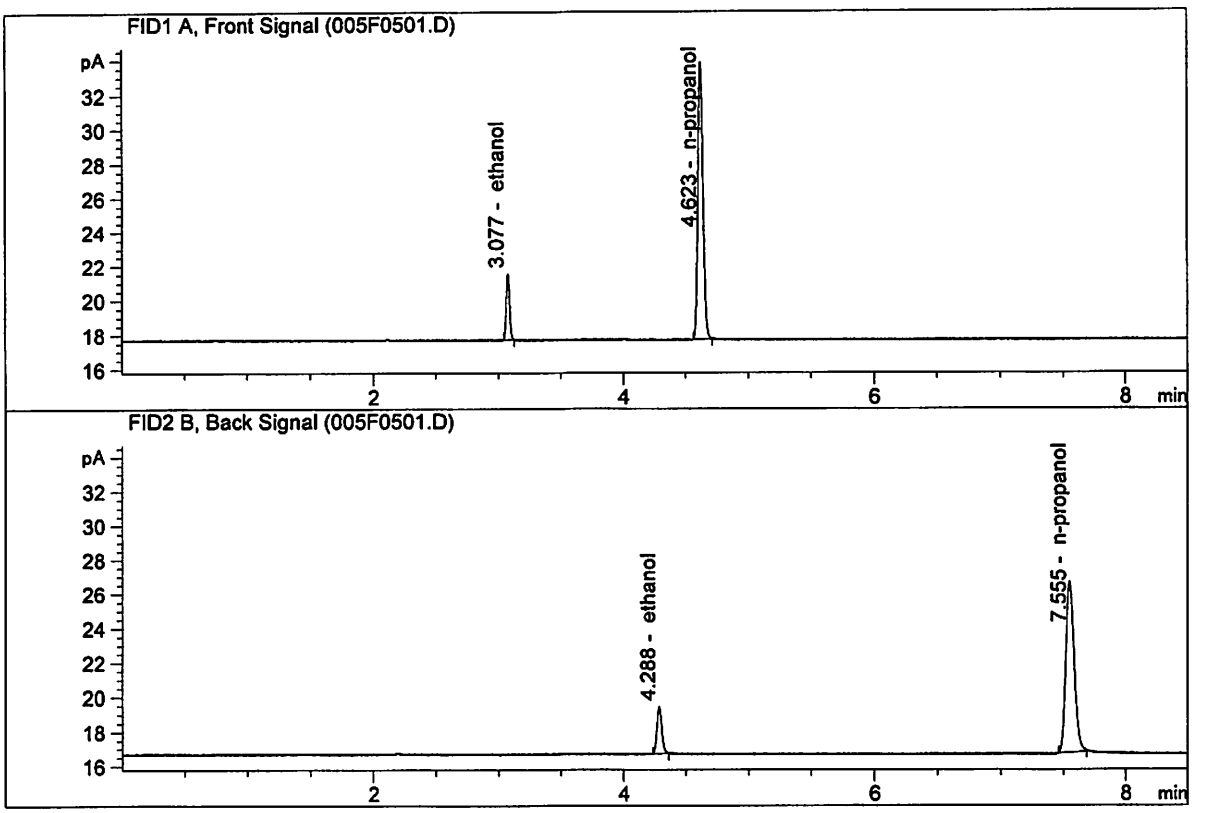
Reported Result

0.081

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN04171701-A
Laboratory : Meridian
Injection Date : Sep 25, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.13243	0.0813	g/100cc
2.	Ethanol	Column 2:	7.35702	0.0826	g/100cc
3.	n-Propanol	Column 1:	45.84739	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.31310	1.0000	g/100cc

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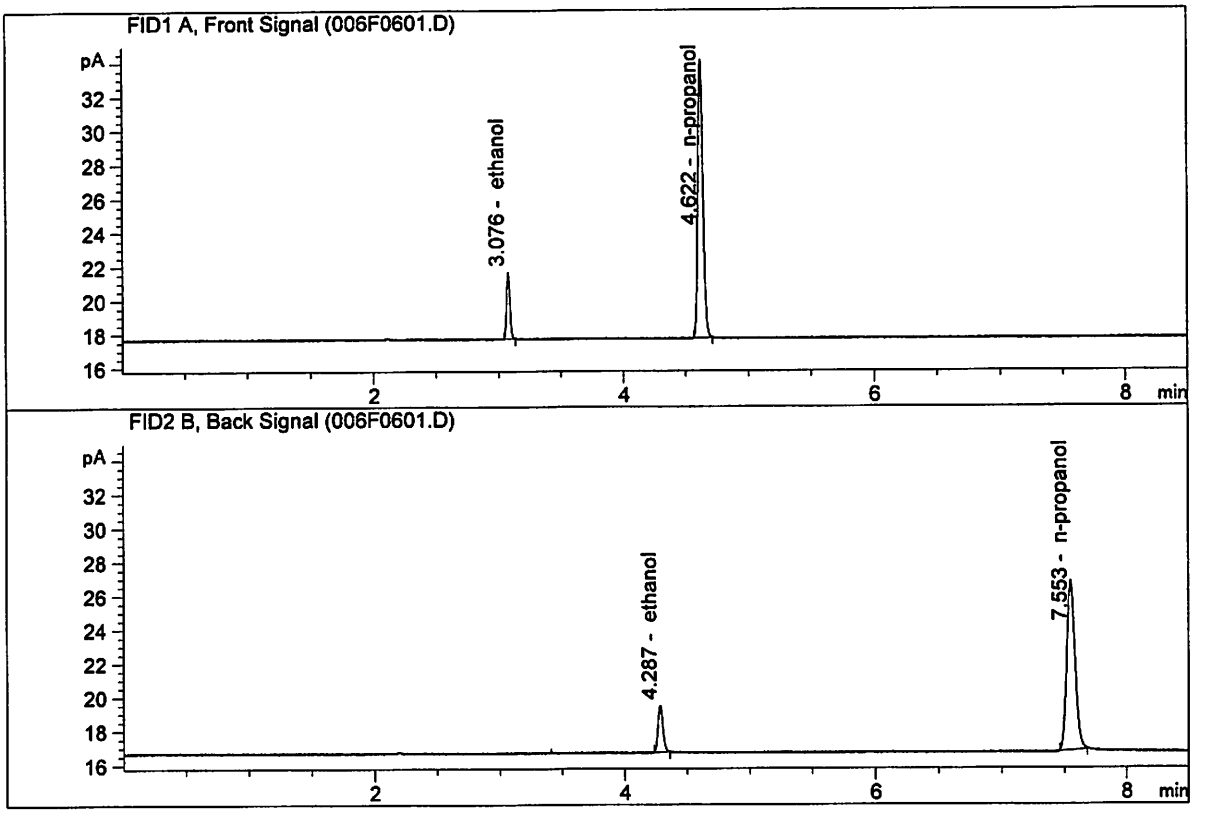
ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN04171701-B
Laboratory : Meridian
Injection Date : Sep 25, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.27708	0.0817	g/100cc
2.	Ethanol	Column 2:	7.41026	0.0821	g/100cc
3.	n-Propanol	Column 1:	46.53763	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.99175	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-1 **Analysis Date(s): 25 Sep 2018**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.2099	0.2100	0.0001	0.2099	0.2099	
(g/100cc)	0.2101	0.2098	0.0003	0.2099		

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: ML600HC11378

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

Overall Mean (g/100cc)	Low	High	5% of Mean
0.209	**0.198**	**0.220**	**0.011**

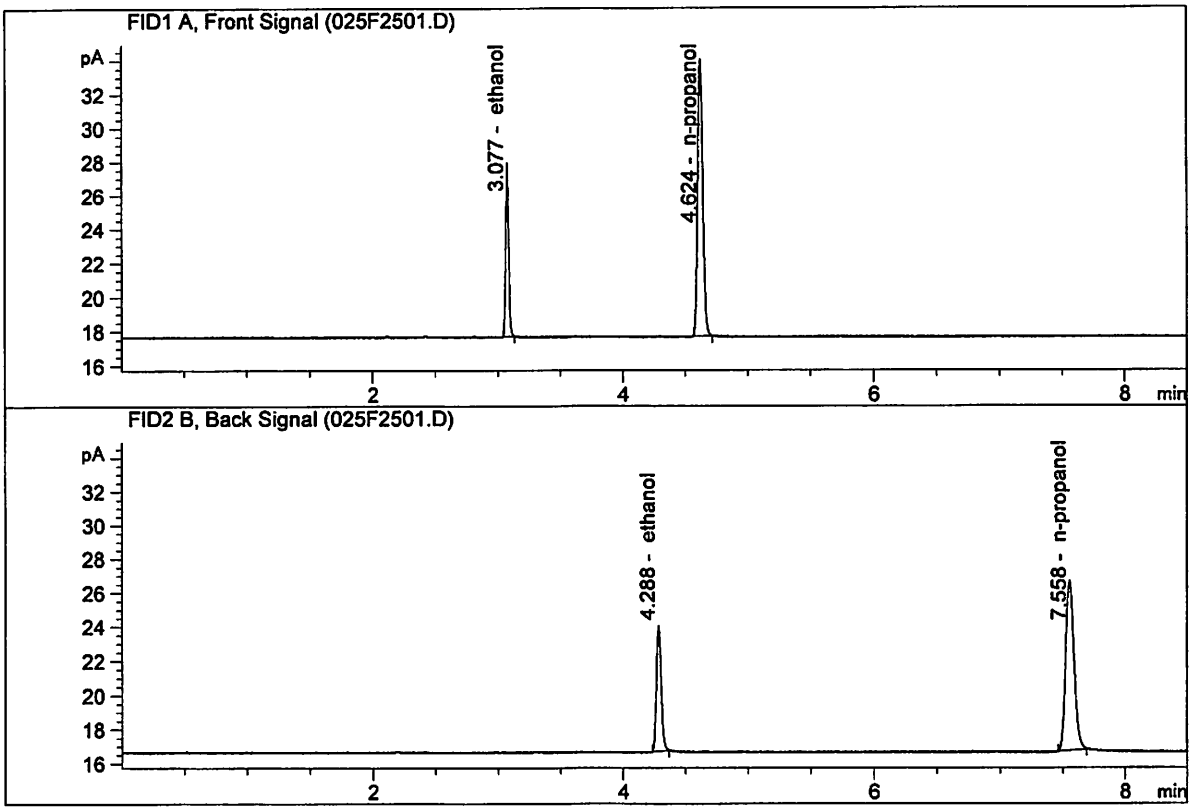
	Reported Result	
	0.209	

Calibration and control data are stored centrally.

JG

ISP Forensic Services Blood Alcohol Report

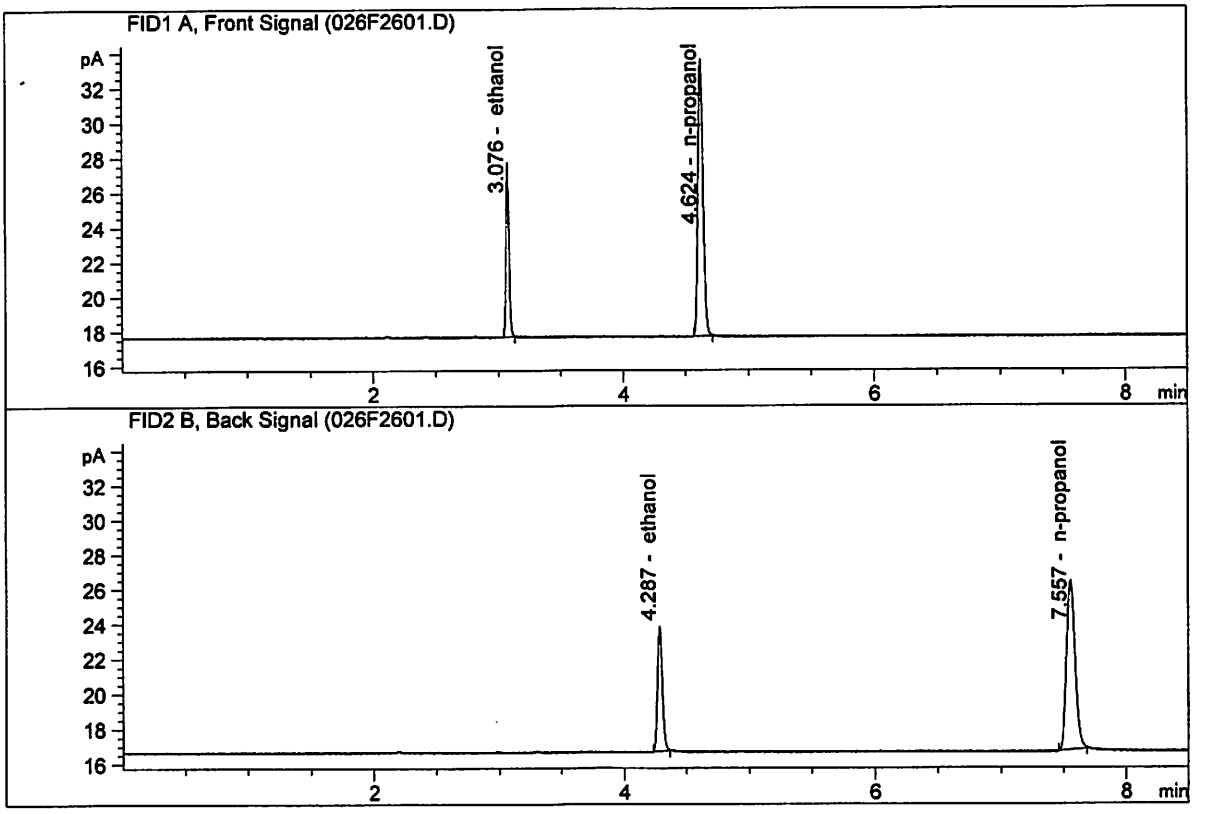
Sample Name : QC2-1-A
Laboratory : Meridian
Injection Date : Sep 25, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.78658	0.2099	g/100cc
2.	Ethanol	Column 2:	19.56929	0.2100	g/100cc
3.	n-Propanol	Column 1:	46.42725	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.71114	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-B
Laboratory : Meridian
Injection Date : Sep 25, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.28163	0.2101	g/100cc
2.	Ethanol	Column 2:	18.96766	0.2098	g/100cc
3.	n-Propanol	Column 1:	45.14273	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.30099	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-2 **Analysis Date(s): 26 Sep 2018**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0816	0.0844	0.0028	0.0830	0.0823	
(g/100cc)	0.0811	0.0822	0.0011	0.0816		

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: ML600HC11378

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

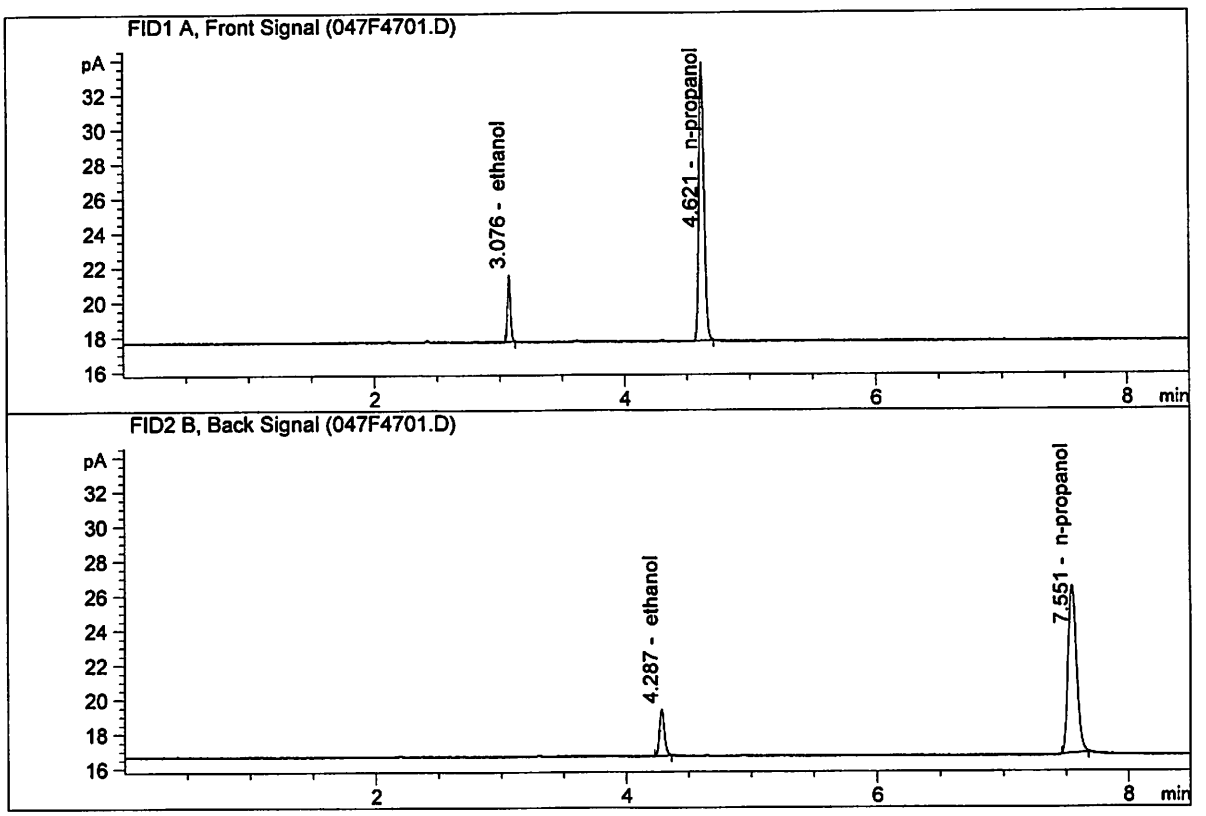
Overall Mean (g/100cc)	Low	High	5% of Mean
0.082	**0.077**	**0.087**	**0.005**

	Reported Result	
	0.082	

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-A
Laboratory : Meridian
Injection Date : Sep 26, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

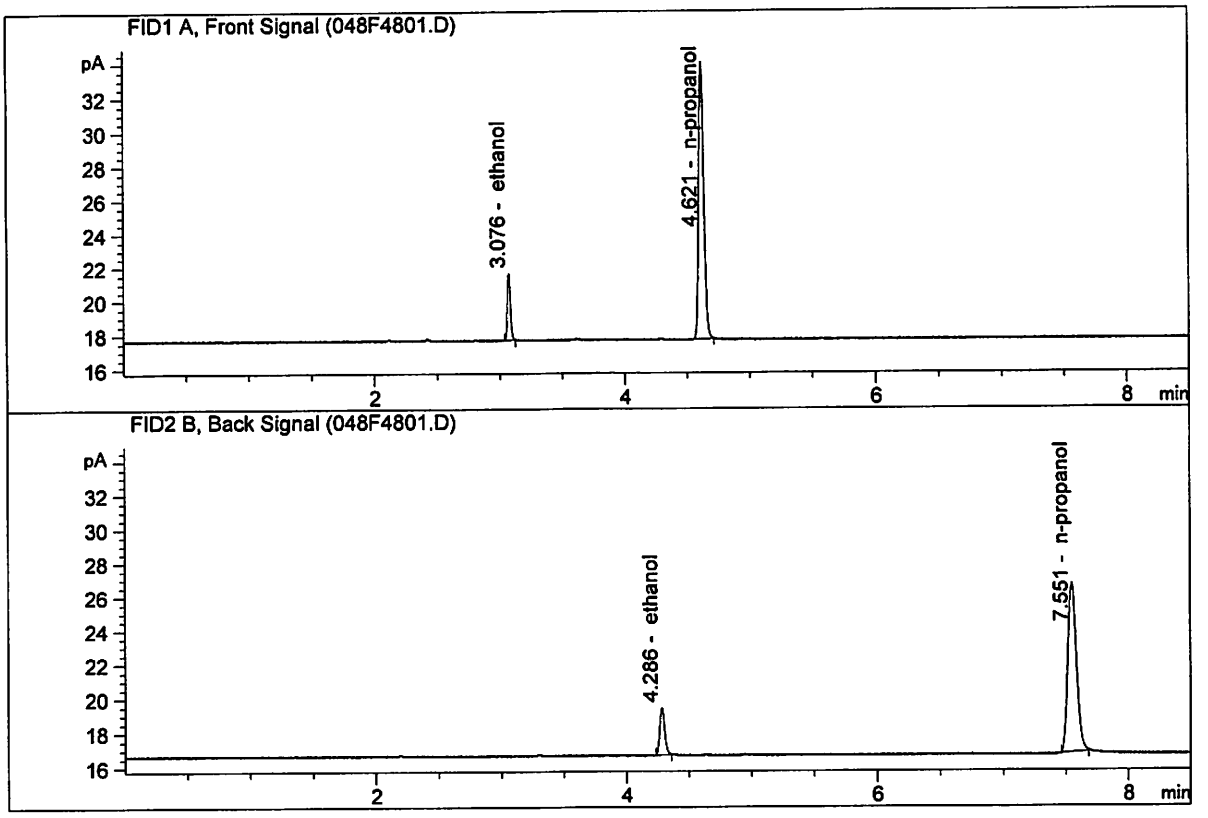


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.06405	0.0816	g/100cc
2.	Ethanol	Column 2:	7.35182	0.0844	g/100cc
3.	n-Propanol	Column 1:	45.26833	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.19610	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-B
Laboratory : Meridian
Injection Date : Sep 26, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.17803	0.0811	g/100cc
2.	Ethanol	Column 2:	7.30754	0.0822	g/100cc
3.	n-Propanol	Column 1:	46.27903	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.24253	1.0000	g/100cc

JG

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: ~~QC1-2~~ JG QC 2-2 **Analysis Date(s): 26 Sep 2018**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.2184	0.2196	0.0012	0.2190	0.2188	
(g/100cc)	0.2183	0.2190	0.0007	0.2186		

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: ML600HC11378

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

Overall Mean (g/100cc)	Low	High	5% of Mean
0.218	**0.207**	**0.229**	**0.011**

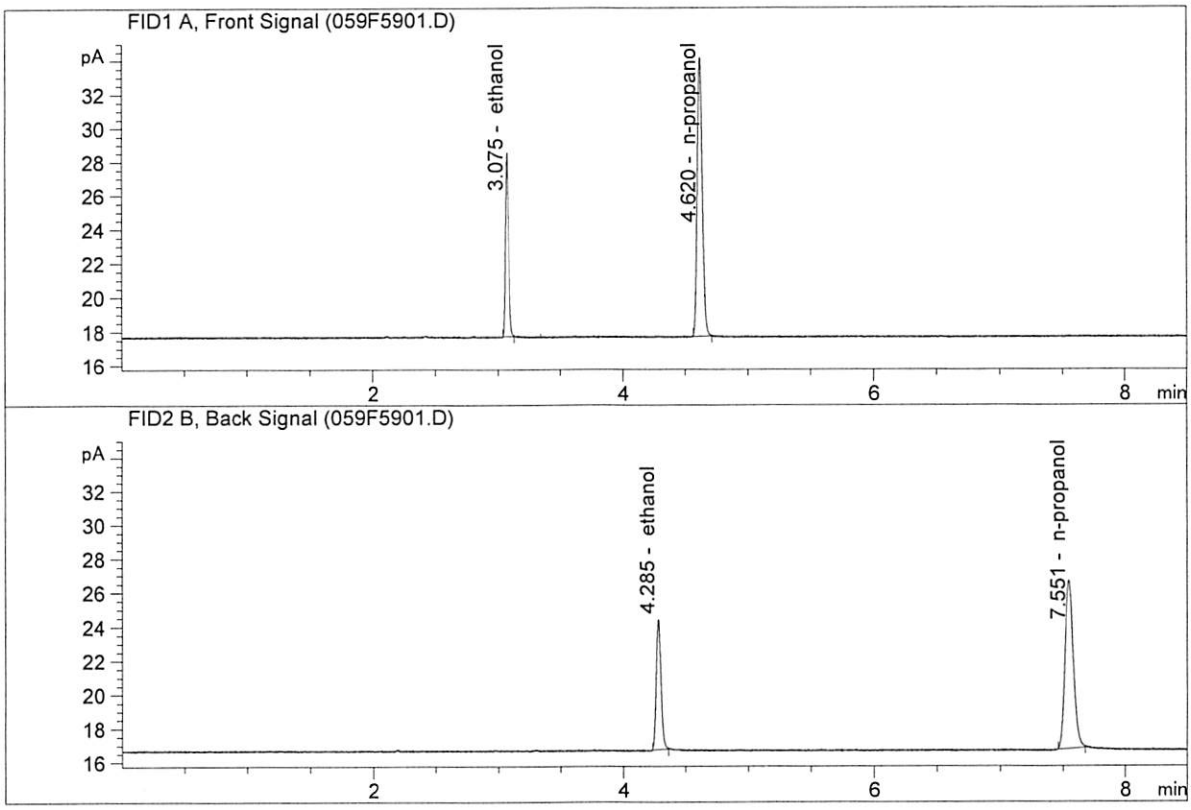
	Reported Result	
	0.218	

Calibration and control data are stored centrally.

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : ~~QC1-2-A~~ DG QC2-2-A
Laboratory : Meridian
Injection Date : Sep 26, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



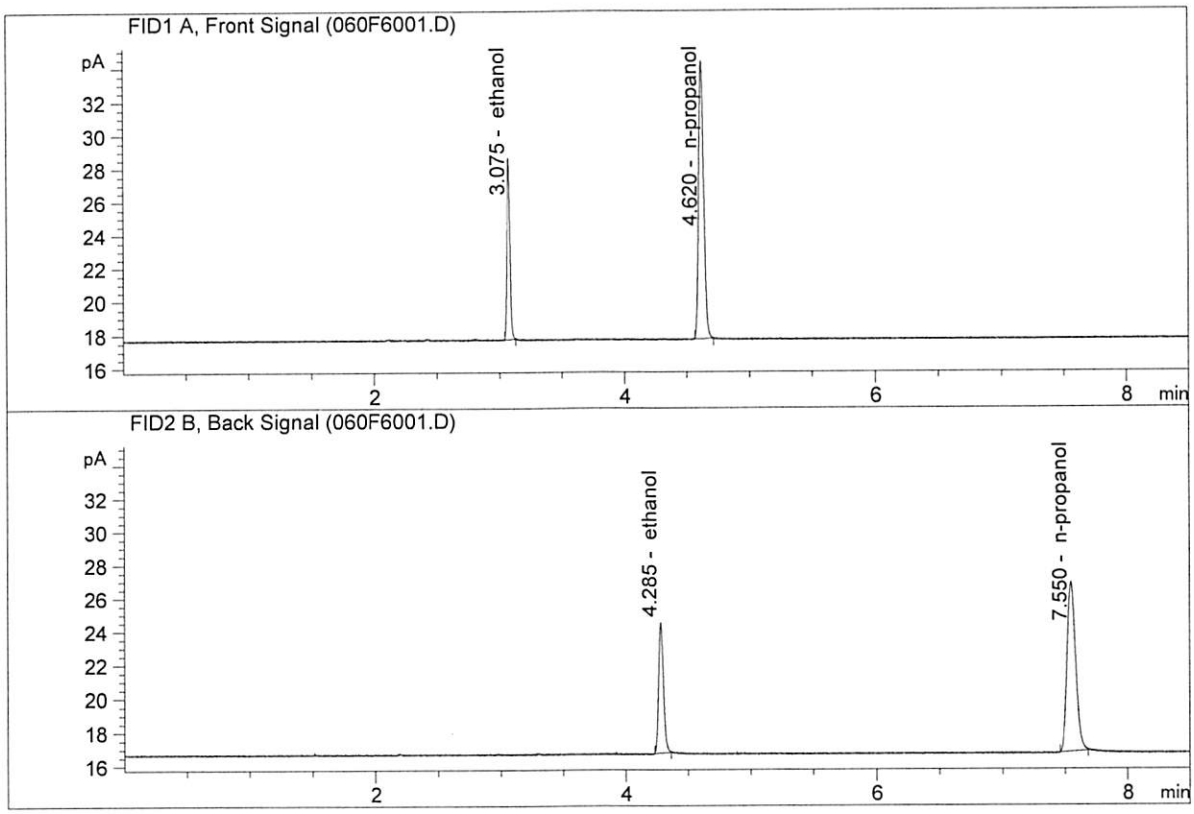
#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	19.57210	0.2184	g/100cc
2.	Ethanol	Column 2:	20.33263	0.2196	g/100cc
3.	n-Propanol	Column 1:	46.47552	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.35830	1.0000	g/100cc

DG

ISP Forensic Services Blood Alcohol Report

JC

Sample Name : ~~QC1-2-B~~ QC2-2-B
Laboratory : Meridian
Injection Date : Sep 26, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

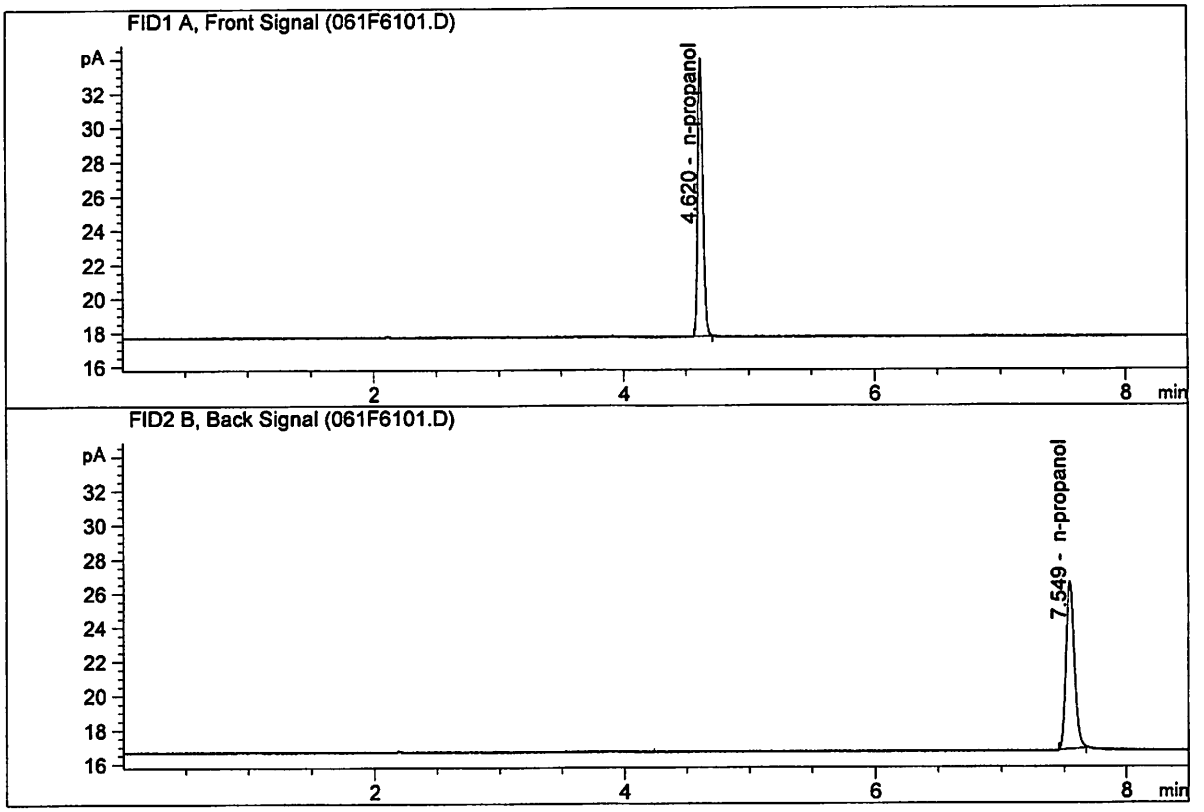


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	19.77969	0.2183	g/100cc
2.	Ethanol	Column 2:	20.53914	0.2190	g/100cc
3.	n-Propanol	Column 1:	46.99168	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.97322	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : Sep 26, 2018
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:	46.02876	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.90816	1.0000	g/100cc

Sample Summary

Sequence table: C:\Chem32\1\Data\09-25-18_SAMPLES\09-25-18_SAMPLES 2018-09-25 16-43-39\09-25-18_SAMPLES.S
Data directory path: C:\Chem32\1\Data\09-25-18_SAMPLES\09-25-18_SAMPLES 2018-09-25 16-43-39\
Logbook: C:\Chem32\1\Data\09-25-18_SAMPLES\09-25-18_SAMPLES 2018-09-25 16-43-39\09-25-18_SAMPLES.LOG
Sequence start: 9/25/2018 4:58:29 PM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\09-25-18_SAMPLES\09-25-18_SAMPLES 2018-09-25 16-43-39\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	M2018-3702-2-A	-	1.0000	007F0701.D		4
8	8	1	M2018-3702-2-B	-	1.0000	008F0801.D		4
9	9	1	M2018-4718-1-A	-	1.0000	009F0901.D		2
10	10	1	M2018-4718-1-B	-	1.0000	010F1001.D		2
11	11	1	M2018-4791-1-A	-	1.0000	011F1101.D		2
12	12	1	M2018-4791-1-B	-	1.0000	012F1201.D		2
13	13	1	M2018-4792-1-A	-	1.0000	013F1301.D		4
14	14	1	M2018-4792-1-B	-	1.0000	014F1401.D		4
15	15	1	M2018-4793-1-A	-	1.0000	015F1501.D		4
16	16	1	M2018-4793-1-B	-	1.0000	016F1601.D		4
17	17	1	M2018-4798-1-A	-	1.0000	017F1701.D		4
18	18	1	M2018-4798-1-B	-	1.0000	018F1801.D		4
19	19	1	M2018-4799-1-A	-	1.0000	019F1901.D		4
20	20	1	M2018-4799-1-B	-	1.0000	020F2001.D		4
21	21	1	M2018-4819-1-A	-	1.0000	021F2101.D		4
22	22	1	M2018-4819-1-B	-	1.0000	022F2201.D		4
23	23	1	M2018-4823-1-A	-	1.0000	023F2301.D		2
24	24	1	M2018-4823-1-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	M2018-4824-1-A	-	1.0000	027F2701.D		2
28	28	1	M2018-4824-1-B	-	1.0000	028F2801.D		2
29	29	1	M2018-4825-1-A	-	1.0000	029F2901.D		2
30	30	1	M2018-4825-1-B	-	1.0000	030F3001.D		2
31	31	1	M2018-4826-1-A	-	1.0000	031F3101.D		2
32	32	1	M2018-4826-1-B	-	1.0000	032F3201.D		2
33	33	1	M2018-4826-2-A	-	1.0000	033F3301.D		4
34	34	1	M2018-4826-2-B	-	1.0000	034F3401.D		4
35	35	1	M2018-4826-3-A	-	1.0000	035F3501.D		4
36	36	1	M2018-4826-3-B	-	1.0000	036F3601.D		4
37	37	1	M2018-4829-1-A	-	1.0000	037F3701.D		4
38	38	1	M2018-4829-1-B	-	1.0000	038F3801.D		4
39	39	1	M2018-4834-1-A	-	1.0000	039F3901.D		4
40	40	1	M2018-4834-1-B	-	1.0000	040F4001.D		4
41	41	1	M2018-4836-1-A	-	1.0000	041F4101.D		4
42	42	1	M2018-4836-1-B	-	1.0000	042F4201.D		4
43	43	1	M2018-4837-1-A	-	1.0000	043F4301.D		2

Sequence File C:\Chem32\...8_SAMPLES\09-25-18_SAMPLES 2018-09-25 16-43-39\09-25-18_SAMPLES.S

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
44	44	1	M2018-4837-1-B	-	1.0000	044F4401.D	2
45	45	1	M2018-4848-1-A	-	1.0000	045F4501.D	4
46	46	1	M2018-4848-1-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	M2018-4861-1-A	-	1.0000	049F4901.D	2
50	50	1	M2018-4861-1-B	-	1.0000	050F5001.D	2
51	51	1	M2018-4862-1-A	-	1.0000	051F5101.D	4
52	52	1	M2018-4862-1-B	-	1.0000	052F5201.D	4
53	53	1	P2018-2330-1-A	-	1.0000	053F5301.D	6
54	54	1	P2018-2330-1-B	-	1.0000	054F5401.D	6
55	55	1	P2018-2680-1-A	-	1.0000	055F5501.D	4
56	56	1	P2018-2680-1-B	-	1.0000	056F5601.D	4
57	57	1	P2018-2716-1-A	-	1.0000	057F5701.D	4
58	58	1	P2018-2716-1-B	-	1.0000	058F5801.D	4
59	59	1	~~QC1-2-A~~ JG QC2-2-A	-	1.0000	059F5901.D	4
60	60	1	~~QC1-2-~~B JG QC2-2-B	-	1.0000	060F6001.D	4
61	61	1	INTERNAL STD BLK	-	1.0000	061F6101.D	2

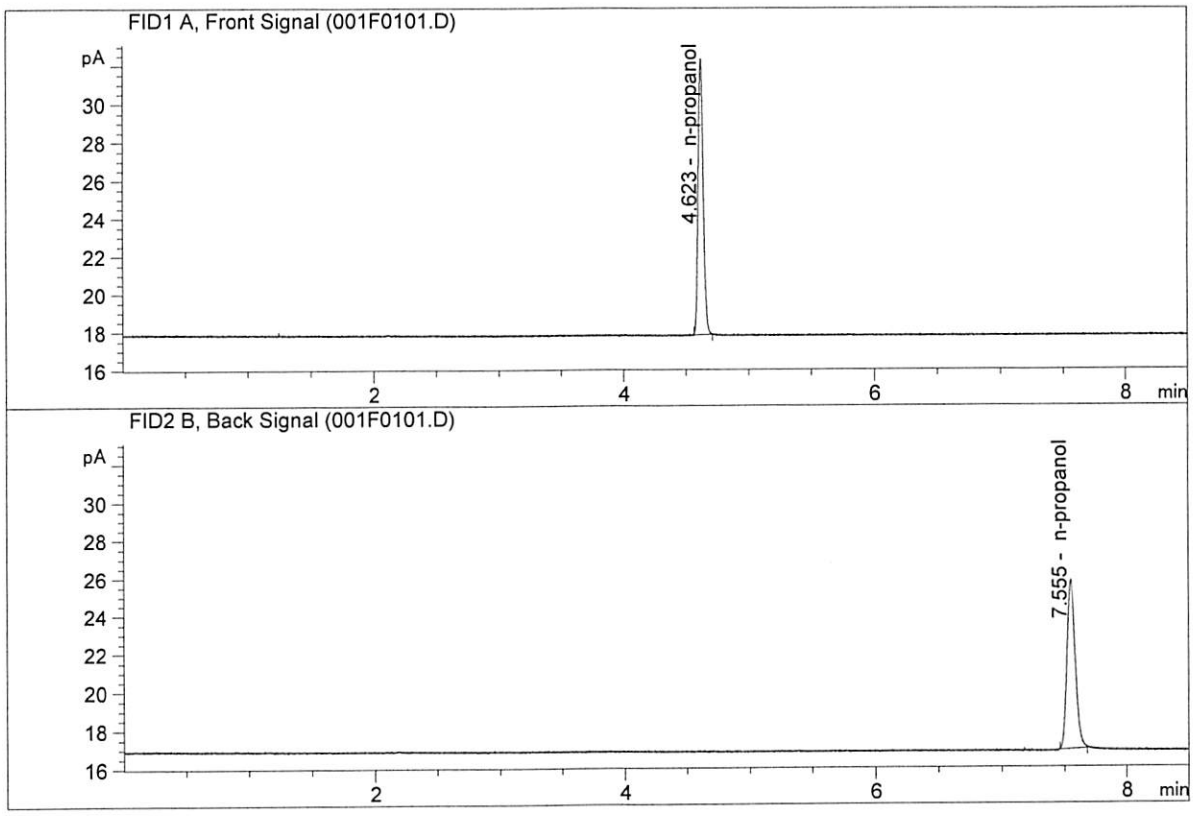
Method file name: C:\Chem32\1\Data\09-25-18_SAMPLES\09-25-18_SAMPLES 2018-09-25 16-43-39\SHUTDOWN.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
62	62	1	EMPTY	-	1.0000	062F6201.D	0

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : Sep 26, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

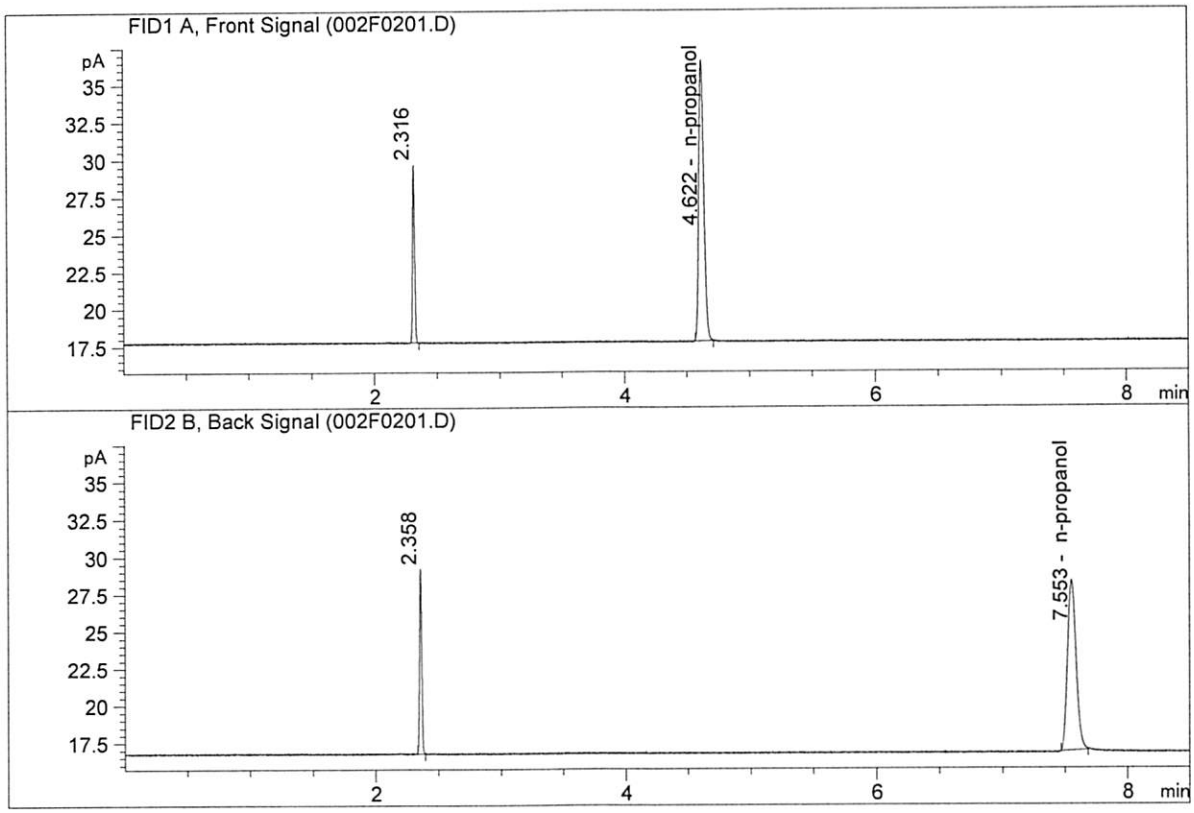


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	40.97591	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.35896	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

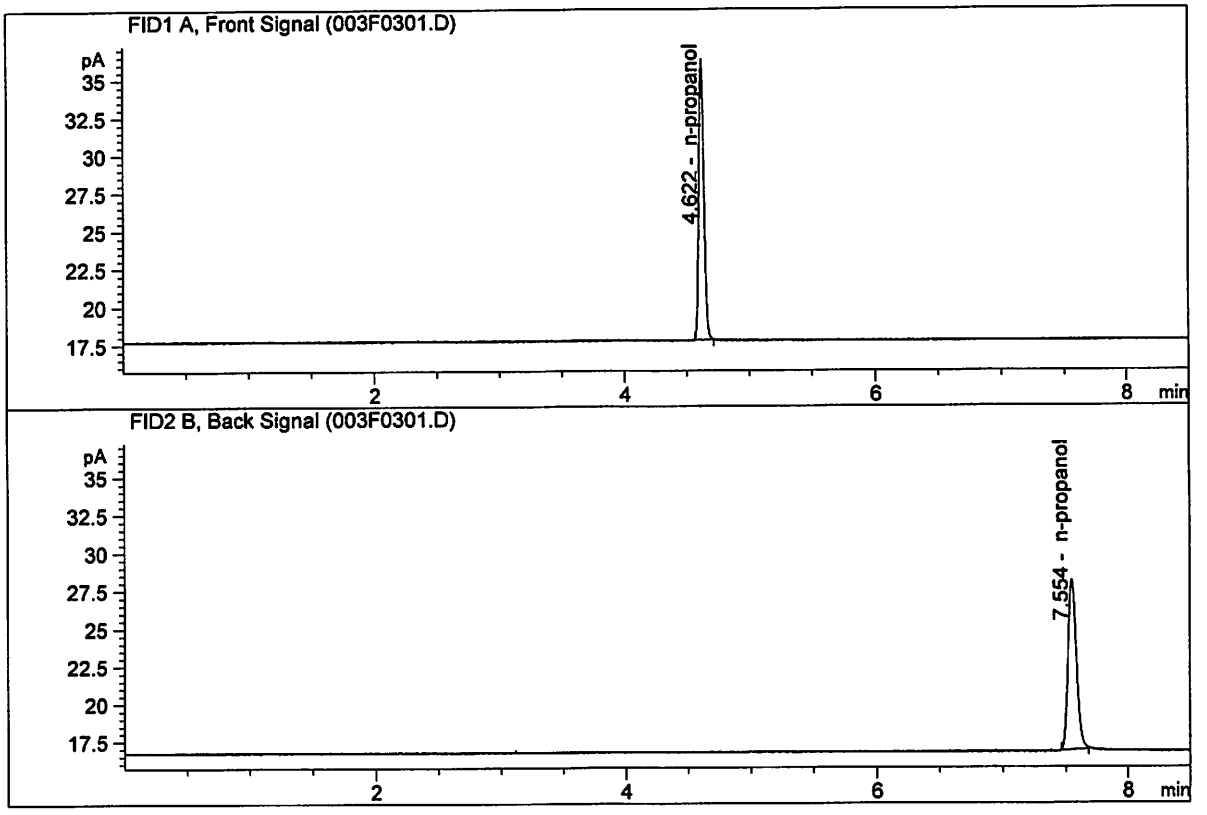
Sample Name : DFE 111914OM
Laboratory : Meridian
Injection Date : Sep 26, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	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:	52.82264	1.0000	g/100cc
4.	n-Propanol	Column 2:	54.50432	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : Sep 26, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

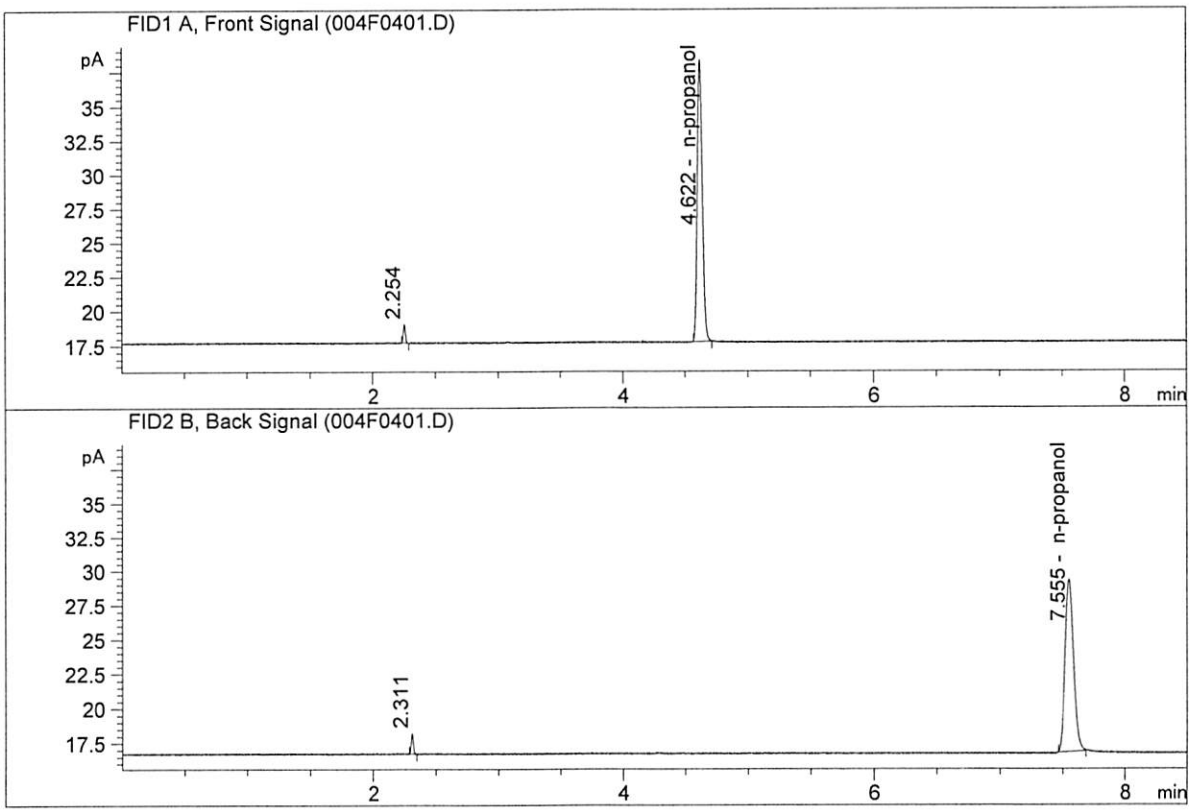


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	52.08890	1.0000	g/100cc
4.	n-Propanol	Column 2:	53.56649	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

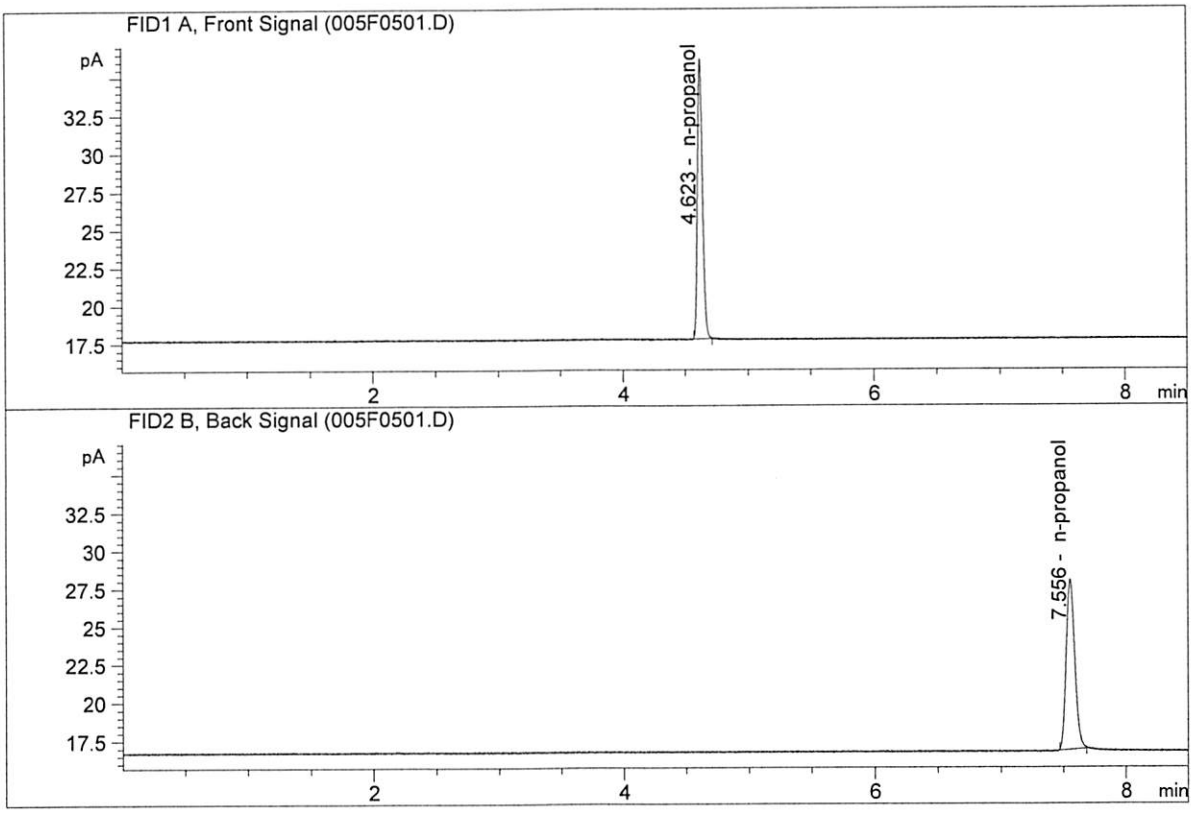
Sample Name : TFE 111914
Laboratory : Meridian
Injection Date : Sep 26, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	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:	57.66972	1.0000	g/100cc
4.	n-Propanol	Column 2:	59.54317	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : Sep 26, 2018
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:	51.59708	1.0000	g/100cc
4.	n-Propanol	Column 2:	52.91030	1.0000	g/100cc

Sample Summary

Sequence table: C:\Chem32\1\Data\09-26-18_INHALENTS_SAMPLES\09-26-18_INHALENTS_SAMPLES 2018-09-26 09-56-38\09-26-18_INHALENTS_SAMPLES.S
Data directory path: C:\Chem32\1\Data\09-26-18_INHALENTS_SAMPLES\09-26-18_INHALENTS_SAMPLES 2018-09-26 09-56-38\
Logbook: C:\Chem32\1\Data\09-26-18_INHALENTS_SAMPLES\09-26-18_INHALENTS_SAMPLES 2018-09-26 09-56-38\09-26-18_INHALENTS_SAMPLES.LOG
Sequence start: 9/26/2018 10:11:15 AM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\09-26-18_INHALENTS_SAMPLES\09-26-18_INHALENTS_SAMPLES 2018-09-26 09-56-38\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	DFE 111914OM	-	1.0000	002F0201.D		2
3	3	1	INTERNAL STD BLK	-	1.0000	003F0301.D		2
4	4	1	TFE 111914	-	1.0000	004F0401.D		2
5	5	1	INTERNAL STD BLK	-	1.0000	005F0501.D		2

Method file name: C:\Chem32\1\Data\09-26-18_INHALENTS_SAMPLES\09-26-18_INHALENTS_SAMPLES 2018-09-26 09-56-38\SHUTDOWN.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #	# Cmp
6	6	1	EMPTY	-	1.0000	006F0601.D		0

JG

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

Calibration Table

General Calibration Setting

Calib. Data Modified : Monday, September 17, 2018 3:26:28 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

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	4.60838	1.08498e-2	No	No	1	ethanol
		2	1.00000e-1	9.33348	1.07141e-2				
		3	2.00000e-1	18.48731	1.08182e-2				
		4	3.00000e-1	27.82564	1.07814e-2				
		5	5.00000e-1	47.02221	1.06333e-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	4.76235	1.04990e-2	No	No	2	ethanol
		2	1.00000e-1	9.58396	1.04341e-2				
		3	2.00000e-1	19.38008	1.03199e-2				
		4	3.00000e-1	29.14296	1.02941e-2				
		5	5.00000e-1	49.82916	1.00343e-2				
4.308	1	1	1.00000	6.49940	1.53860e-1	No	No	1	acetone
4.620	1	1	1.00000	48.12333	2.07799e-2	No	Yes	1	n-propanol
		2	1.00000	48.71056	2.05294e-2				
		3	1.00000	48.16444	2.07622e-2				
		4	1.00000	47.96548	2.08483e-2				
		5	1.00000	48.64457	2.05573e-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	50.32575	1.98705e-2	No	Yes	2	n-propanol
		2	1.00000	50.83989	1.96696e-2				
		3	1.00000	50.02395	1.99904e-2				
		4	1.00000	49.58642	2.01668e-2				
		5	1.00000	50.23619	1.99060e-2				

Peak Sum Table

No Entries in table

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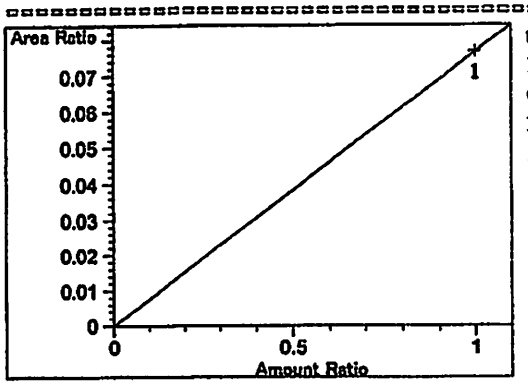
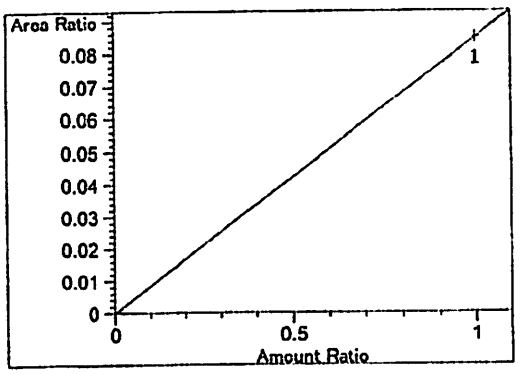
1 Warnings or Errors :

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

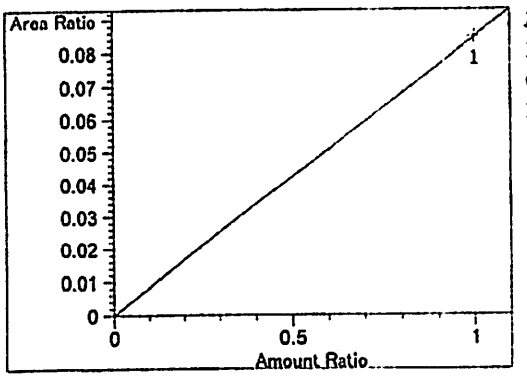
Calibration Curves



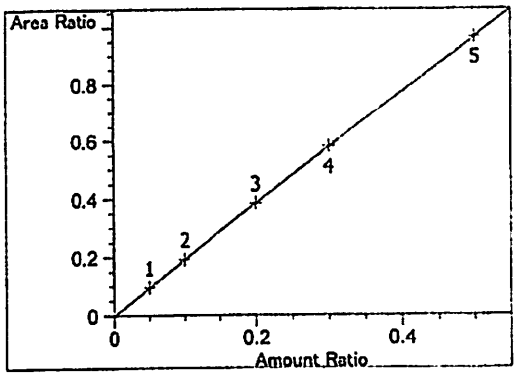
methanol at exp. RT: 2.586
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 7.68171e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



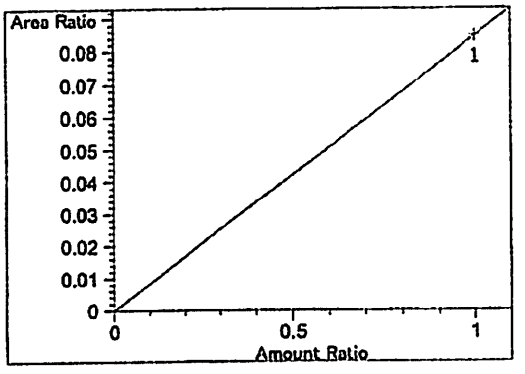
Acetaldehyde at exp. RT: 2.809
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.46684e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



Acetaldehyde at exp. RT: 2.977
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.46684e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio

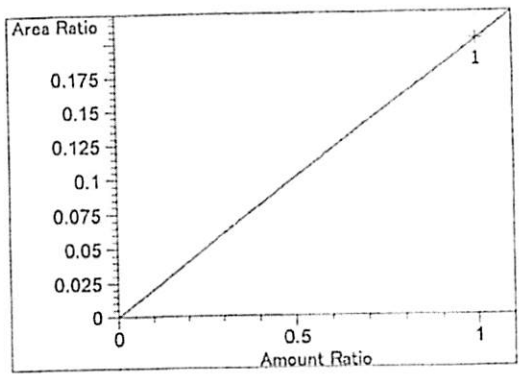


ethanol at exp. RT: 3.075
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00120
Formula: y = mx + b
m: 1.93704
b: -1.92491e-3
x: Amount Ratio
y: Area Ratio

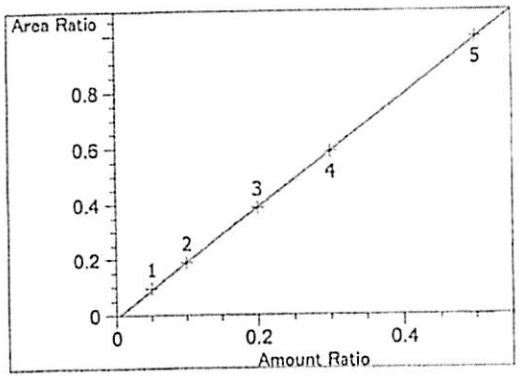


methanol at exp. RT: 3.388
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.46609e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio

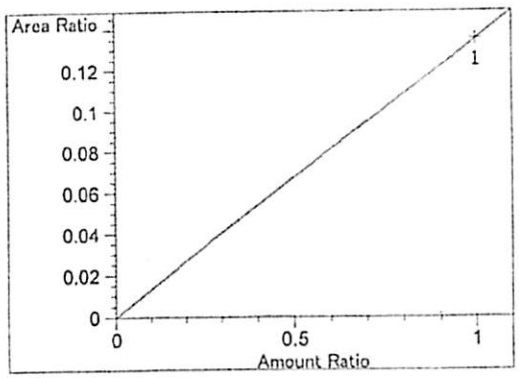
JC



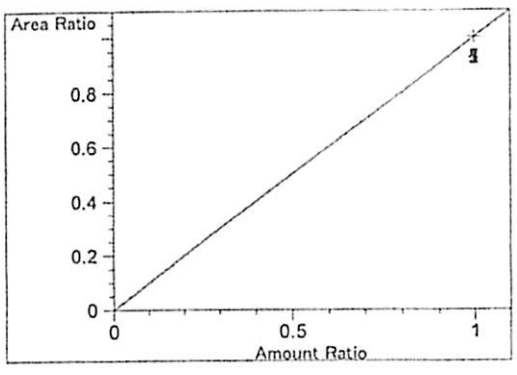
isopropyl alcohol at exp. RT: 3.628
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 2.02200e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



ethanol at exp. RT: 4.285
FID2 B, Back Signal
Correlation: 0.99996
Residual Std. Dev.: 0.00360
Formula: y = mx + b
m: 1.99836
b: -9.58753e-3
x: Amount Ratio
y: Area Ratio

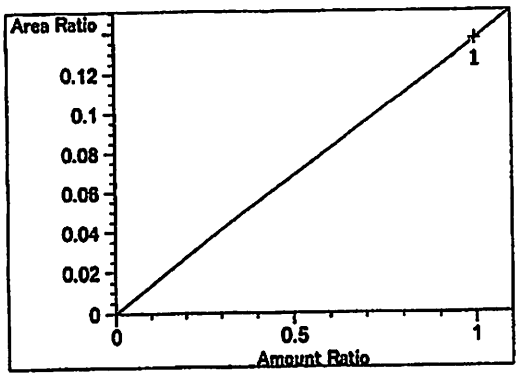


acetone at exp. RT: 4.308
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.35057e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio

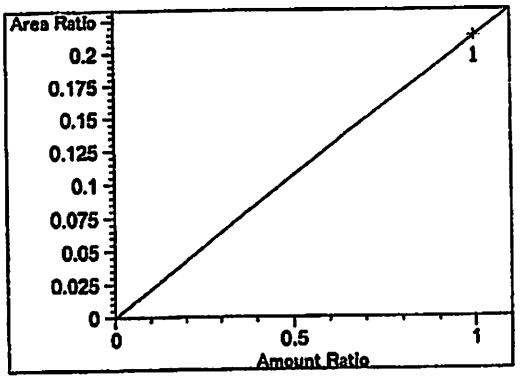


n-propanol at exp. RT: 4.620
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

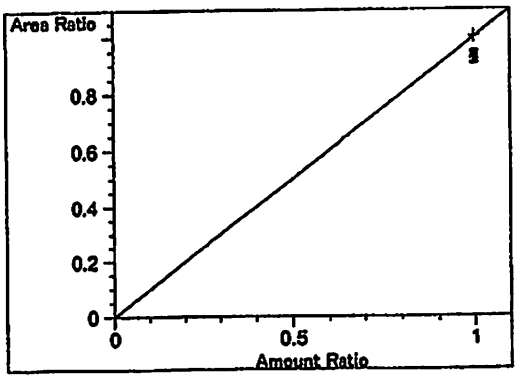
JC



acetone at exp. RT: 4.661
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.36968e-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: 2.12742e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



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

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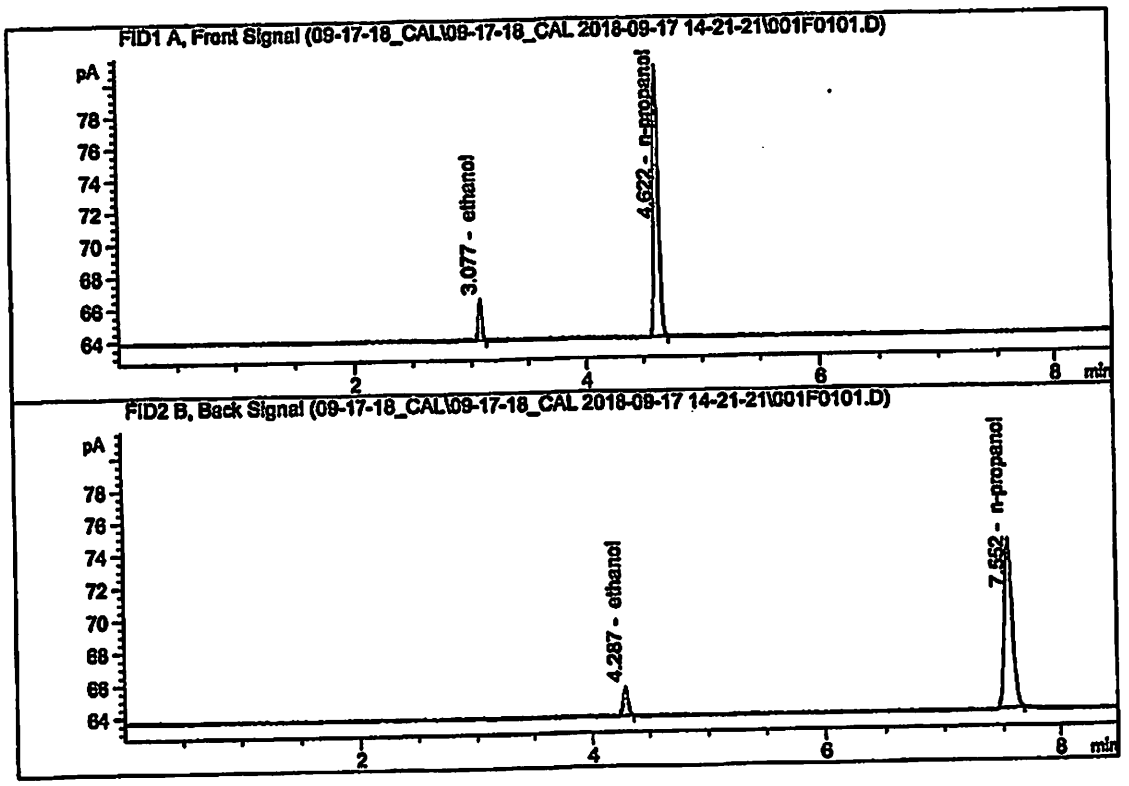
ISP Forensic Services Blood Alcohol Report

Sample Name	:	0.050 FN06231406
Laboratory	:	Meridian
Injection Date	:	Sep 17, 2018
Method	:	ALCOHOL.M
Acq. Instrument	:	CN11180014-CN11041167

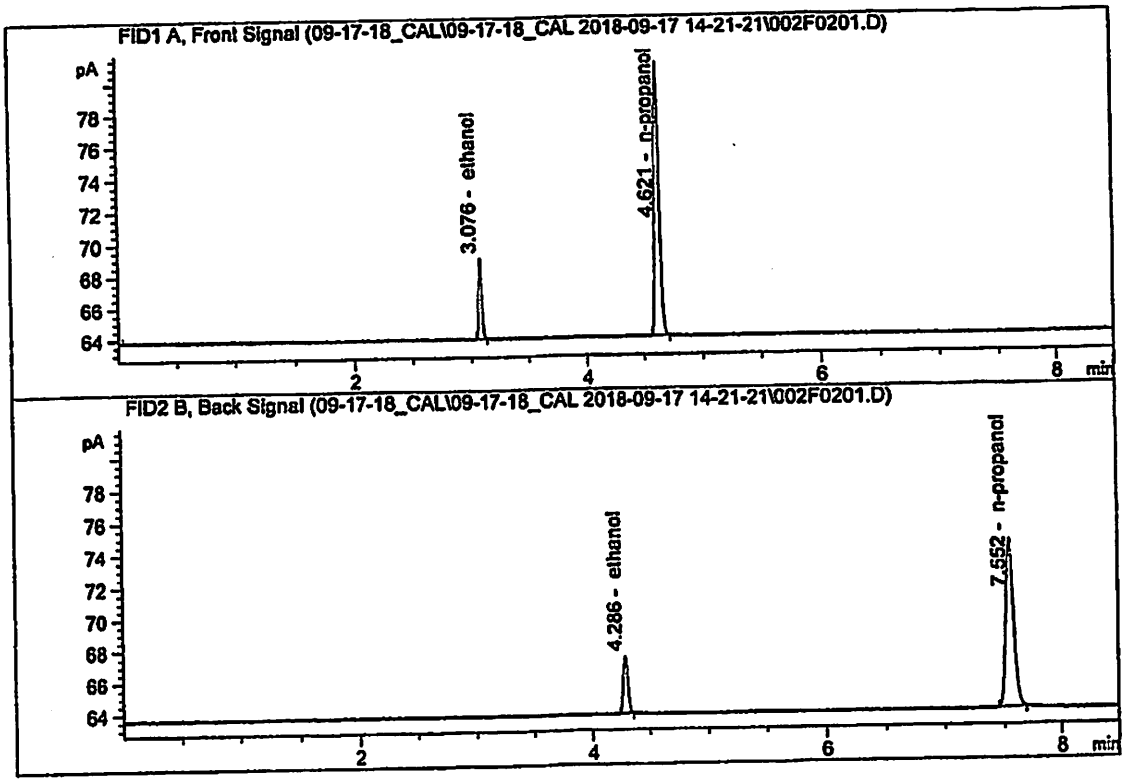


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	4.60838	0.0504	g/100cc
2.	Ethanol	Column 2:	4.76235	0.0522	g/100cc
3.	n-Propanol	Column 1:	48.12333	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.32575	1.0000	g/100cc

JL

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.100 FN08101601
Laboratory : Meridian
Injection Date : Sep 17, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

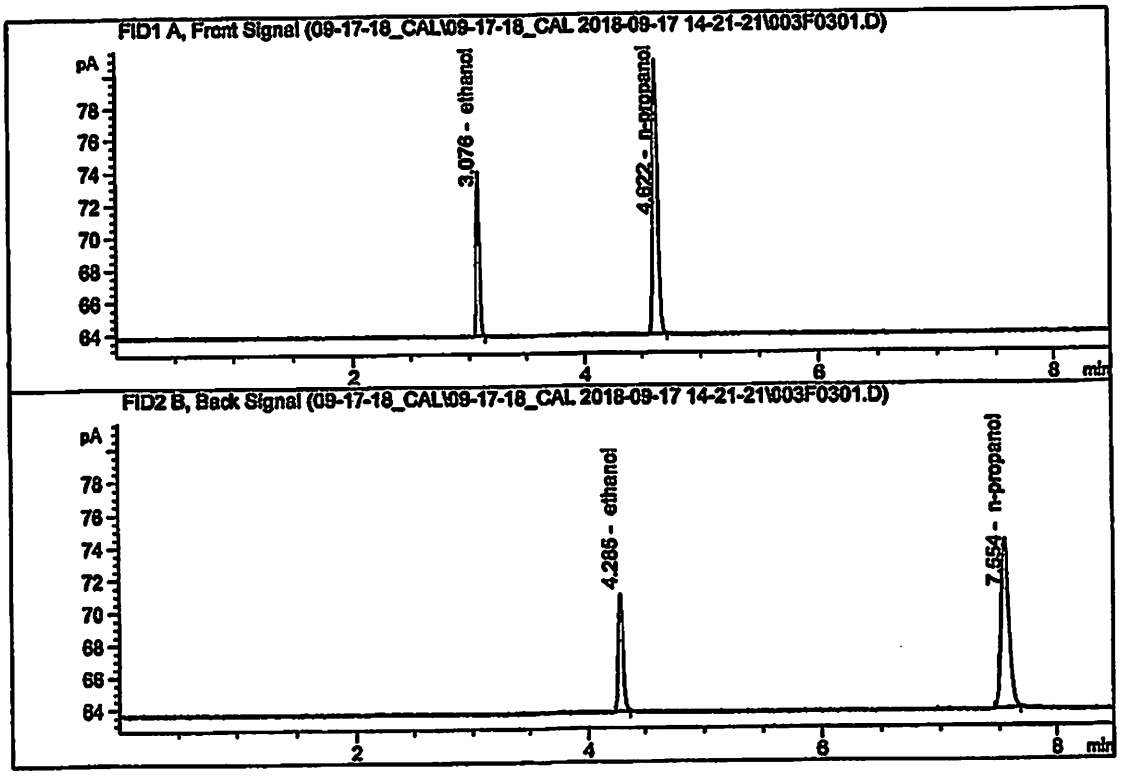


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	9.33348	0.0999	g/100cc
2.	Ethanol	Column 2:	9.58396	0.0991	g/100cc
3.	n-Propanol	Column 1:	48.71056	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.83989	1.0000	g/100cc

JL

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.200 FN12011401
Laboratory : Meridian
Injection Date : Sep 17, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

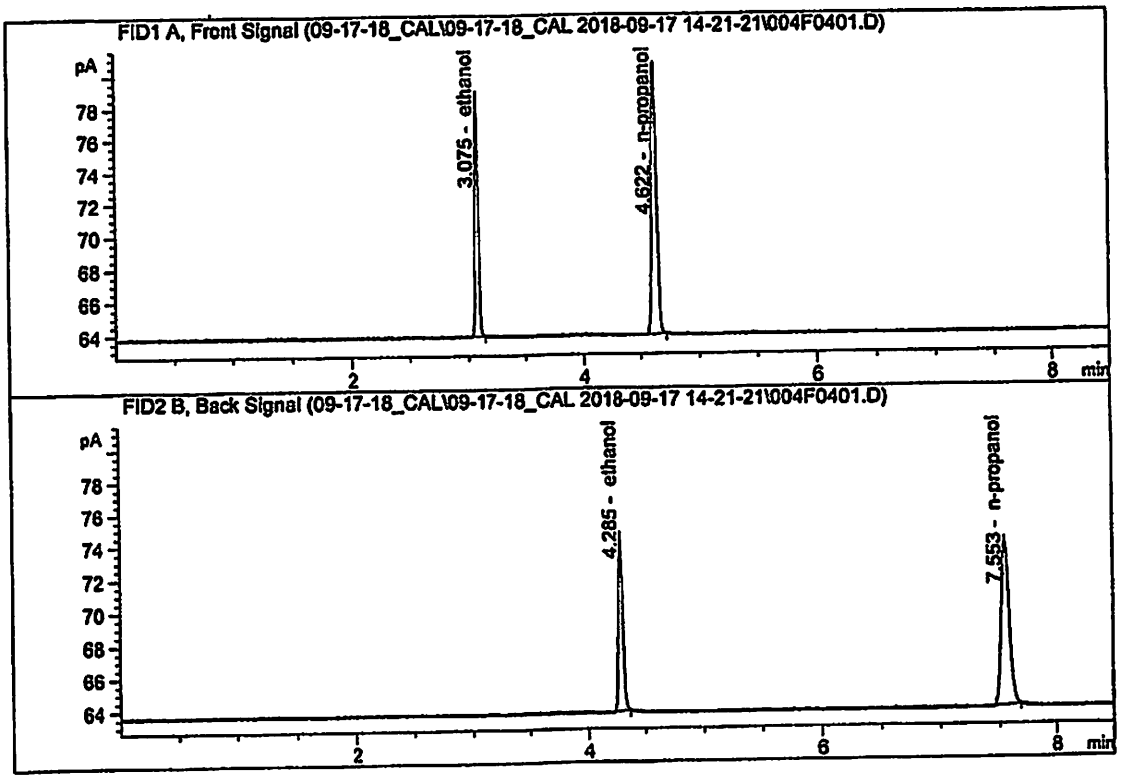


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.48731	0.1991	g/100cc
2.	Ethanol	Column 2:	19.38008	0.1987	g/100cc
3.	n-Propanol	Column 1:	48.16444	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.02395	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

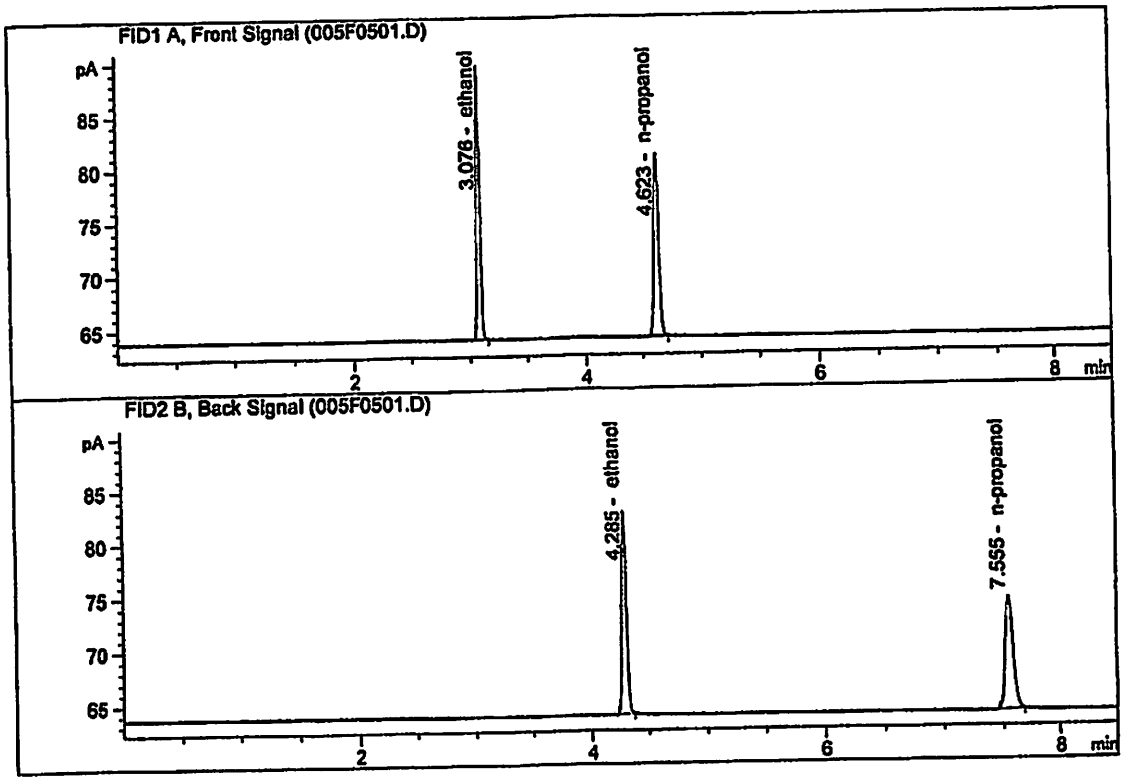
Sample Name : 0.300 FN02121601
Laboratory : Meridian
Injection Date : Sep 17, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	27.82564	0.3005	g/100cc
2.	Ethanol	Column 2:	29.14296	0.2989	g/100cc
3.	n-Propanol	Column 1:	47.96548	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.58642	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

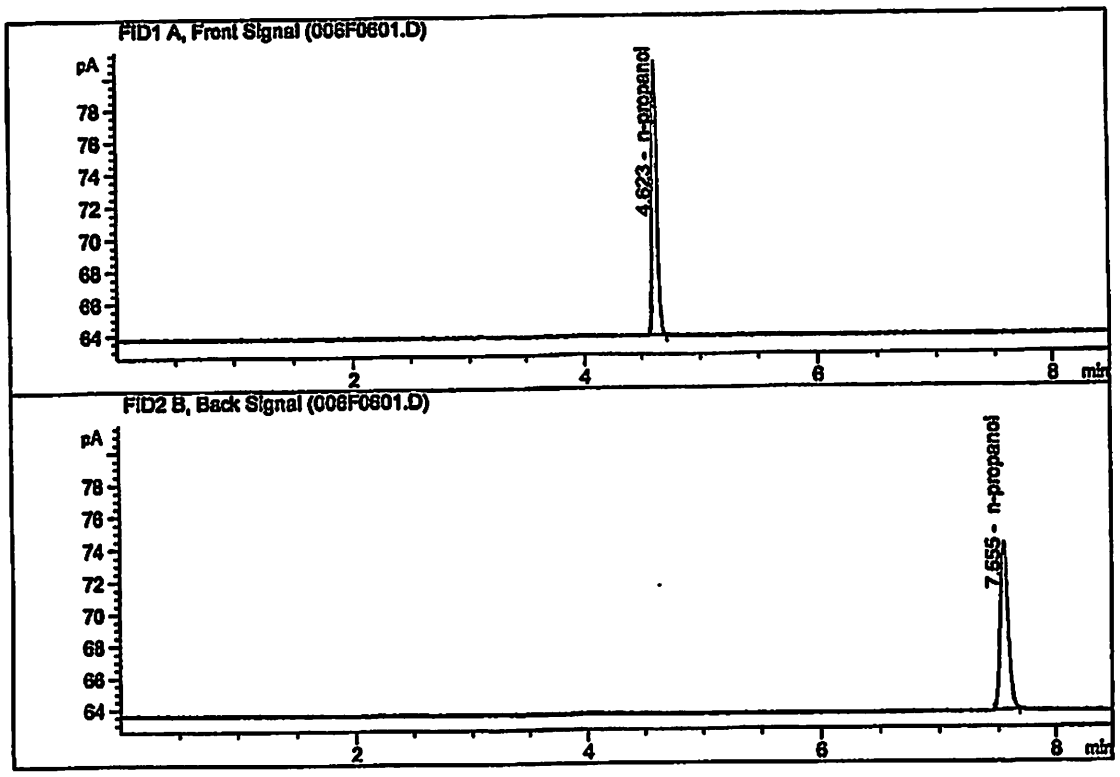
Sample Name : 0.500 FN07031402
Laboratory : Meridian
Injection Date : Sep 17, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	47.02221	0.5000	g/100cc
2.	Ethanol	Column 2:	49.82916	0.5012	g/100cc
3.	n-Propanol	Column 1:	48.64457	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.23619	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STANDARD BLANK
Laboratory : Meridian
Injection Date : Sep 17, 2018
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:	48.64991	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.48193	1.0000	g/100cc

Sequence File C:\Chem32\1\Data\09-17-18_CAL\09-17-18_CAL 2018-09-17 14-21-21\09-17-18_CAL.S

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

Sequence table: C:\Chem32\1\Data\09-17-18_CAL\09-17-18_CAL 2018-09-17 14-21-21\09-17-18_CAL.S
Data directory path: C:\Chem32\1\Data\09-17-18_CAL\09-17-18_CAL 2018-09-17 14-21-21\
Logbook: C:\Chem32\1\Data\09-17-18_CAL\09-17-18_CAL 2018-09-17 14-21-21\09-17-18_CAL.LOG
Sequence start: 9/17/2018 2:35:57 PM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\09-17-18_CAL\09-17-18_CAL 2018-09-17 14-21-21\ALCOHOL.M

Run #	Location	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal	# Cmp
1	1	1	0.050 FN06231406	-	1.0000	001F0101.D	*	4
2	2	1	0.100 FN08101601	-	1.0000	002F0201.D	*	4
3	3	1	0.200 FN12011401	-	1.0000	003F0301.D	*	4
4	4	1	0.300 FN02121601	-	1.0000	004F0401.D	*	4
5	5	1	0.500 FN07031402	-	1.0000	005F0501.D	*	4
6	6	1	INTERNAL STANDAR	-	1.0000	006F0601.D		2