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): 05/16/2017-05/17/2017**

Calibration Date: 5/8/2017

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jul-18	1407031	0.0780	0.0702 - 0.0858	0.0790 g/100cc
					0.0810 g/100cc
					g/100cc
Level 2	Jul-18	1407032	0.2020	0.1818 - 0.2222	0.2030 g/100cc
					0.2094 g/100cc

Multi-Component Mixture	**Exp: Oct 2019**	**Lot #**	FN09231404		OK
Curve Fit:		**Column 1**	1.00000	**Column 2**	0.99988

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	0.0530	0.0026	0.0517
0.080			0.080	0.072 - 0.088			0	#DIV/0!
0.100	Jun-20	FN06181501	0.100	0.090 - 0.110	0.1001	0.1002	0.0001	0.1001
0.200	Oct-20	FN07201502	0.200	0.180 - 0.220	0.1995	0.1971	0.0024	0.1983
0.300	Feb-21	FN02121601	0.300	0.270 - 0.330	0.2998	0.2973	0.0025	0.2985
0.400			0.400	0.360 - 0.440			0	#DIV/0!
0.500	Aug-19	FN07031402	0.500	0.450 - 0.550	0.5003	0.5024	0.0021	0.5013

Aqueous Controls

Control level	Expiration	Cerilliant Lot #	Target Value	Acceptable Range	Overall Results
0.080	Nov-20	FN10281510	0.08000	0.076 - 0.084	0.081 g/100cc

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

JG

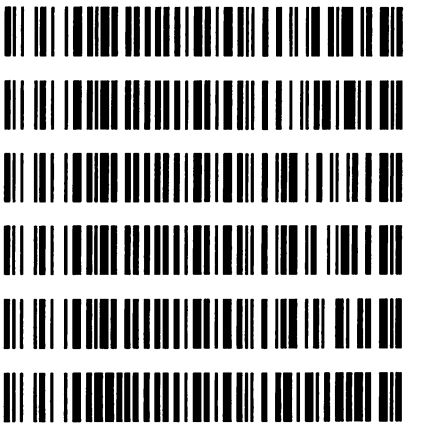
Worklist: 1728

LAB_CASE	ITEM	TASK_ID	DESCRIPTION
M2017-2047	1	83902	Alcohol Analysis
M2017-2063	1	83991	Alcohol Analysis
M2017-2081	1	84162	Alcohol Analysis
M2017-2084	1	84165	Alcohol Analysis
M2017-2085	1	84166	Alcohol Analysis
M2017-2086	1	84167	Alcohol Analysis
M2017-2087	1	84168	Alcohol Analysis
M2017-2093	1	84197	Alcohol Analysis
M2017-2103	1	84226	Alcohol Analysis
M2017-2104	1	84227	Alcohol Analysis
M2017-2126	2	84276	Alcohol Analysis
M2017-2130	1	84285	Alcohol Analysis
M2017-2131	1	84290	Alcohol Analysis
M2017-2132	1	84363	Alcohol Analysis
M2017-2133	1	84377	Alcohol Analysis
M2017-2135	1	84379	Alcohol Analysis
M2017-2137	1	84386	Alcohol Analysis
M2017-2146	1	84409	Alcohol Analysis
M2017-2147	2	84411	Alcohol Analysis
M2017-2148	1	84415	Alcohol Analysis
M2017-2149	1	84826	Alcohol Analysis
M2017-2155	1	84436	Alcohol Analysis
M2017-2156	1	84441	Alcohol Analysis

JG

Worklist: 1728

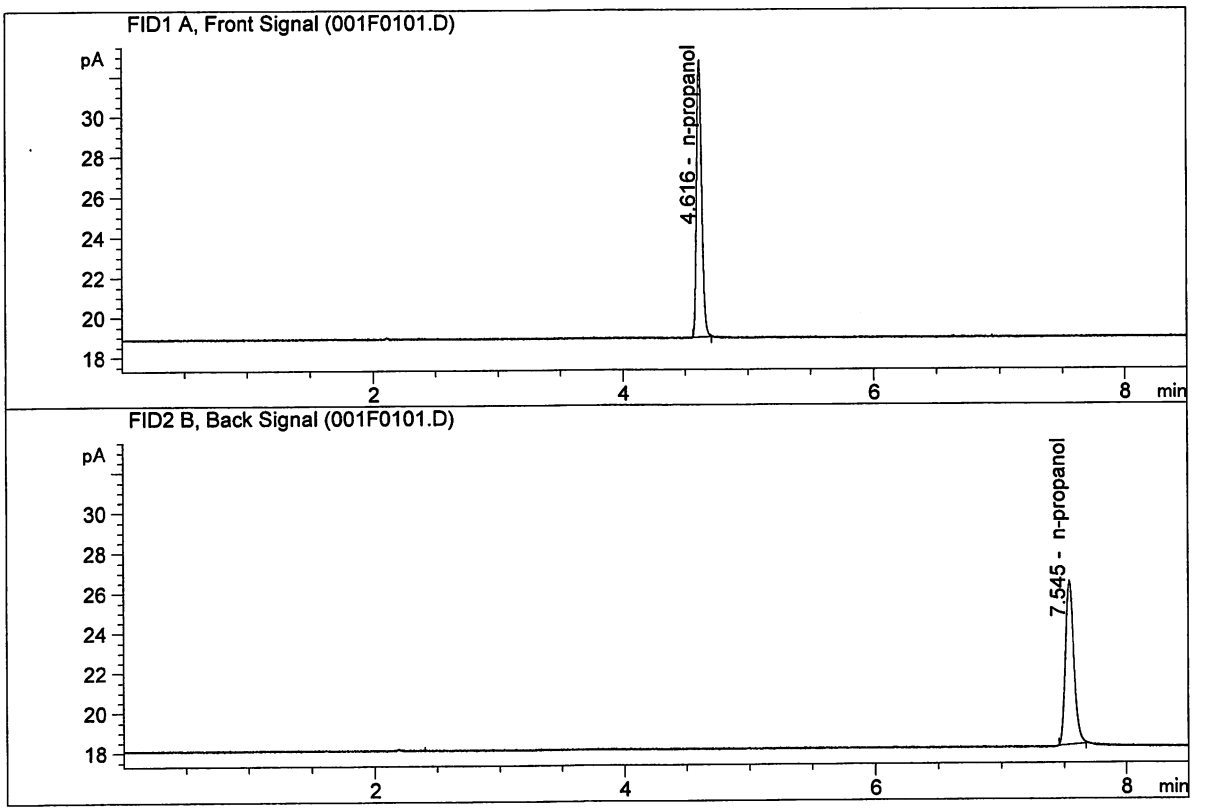
LAB_CASE	ITEM	TASK_ID	DESCRIPTION
M2017-2169	1	84474	Alcohol Analysis
M2017-2175	1	84560	Alcohol Analysis
M2017-2178	1	84588	Alcohol Analysis
M2017-2179	1	84608	Alcohol Analysis
M2017-2180	1	84609	Alcohol Analysis
P2017-0997	1	83501	Alcohol Analysis



JG

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK 1
Laboratory : Meridian
Injection Date : May 16, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

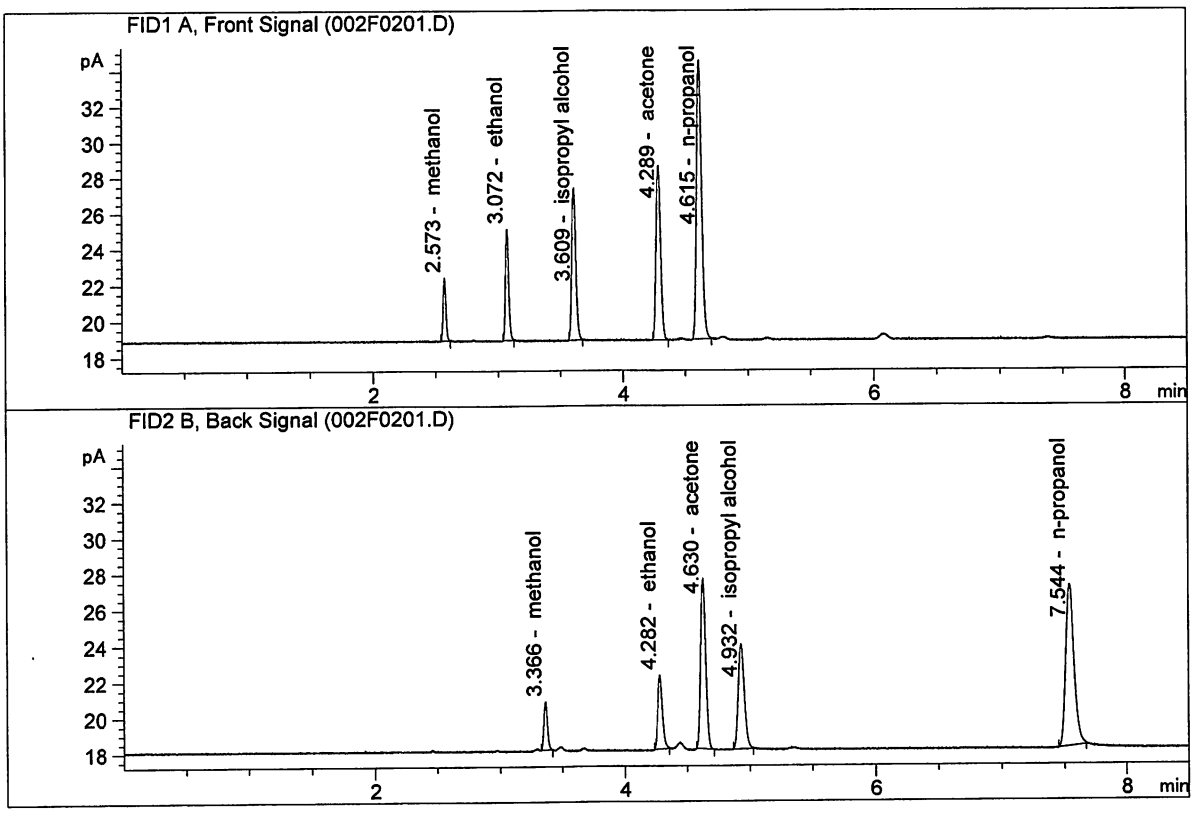


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	39.44858	1.0000	g/100cc
4.	n-Propanol	Column 2:	39.39219	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : MIX VOL FN09231404
Laboratory : Meridian
Injection Date : May 16, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	11.03882	0.1203	g/100cc
2.	Ethanol	Column 2:	10.97340	0.1200	g/100cc
3.	n-Propanol	Column 1:	43.63552	1.0000	g/100cc
4.	n-Propanol	Column 2:	43.26749	1.0000	g/100cc

JG

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1 **Analysis Date(s): 16 May 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0782	0.0804	0.0022	0.0793	0.0790	
(g/100cc)	0.0778	0.0797	0.0019	0.0787		

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
0.079	**0.075**	**0.083**	**0.004**

Reported Result

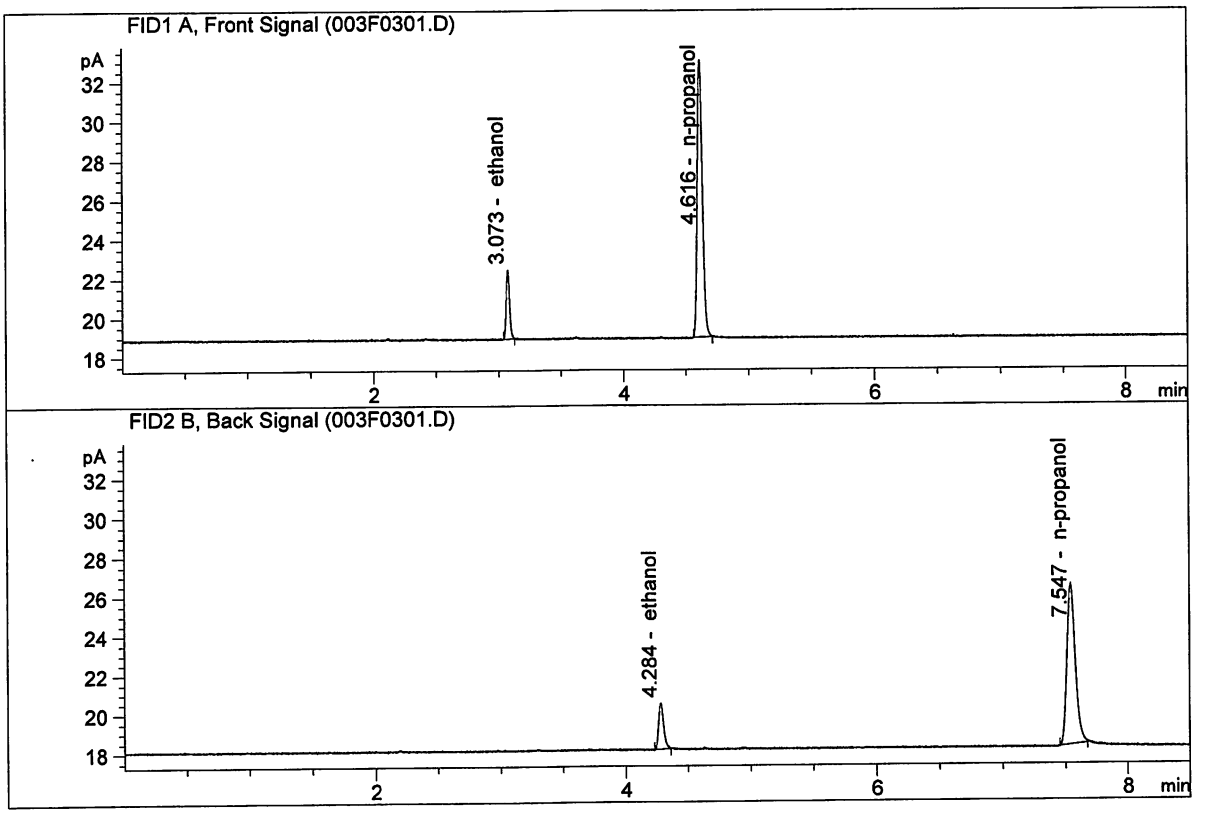
0.079

Calibration and control data are stored centrally.

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-A
Laboratory : Meridian
Injection Date : May 16, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

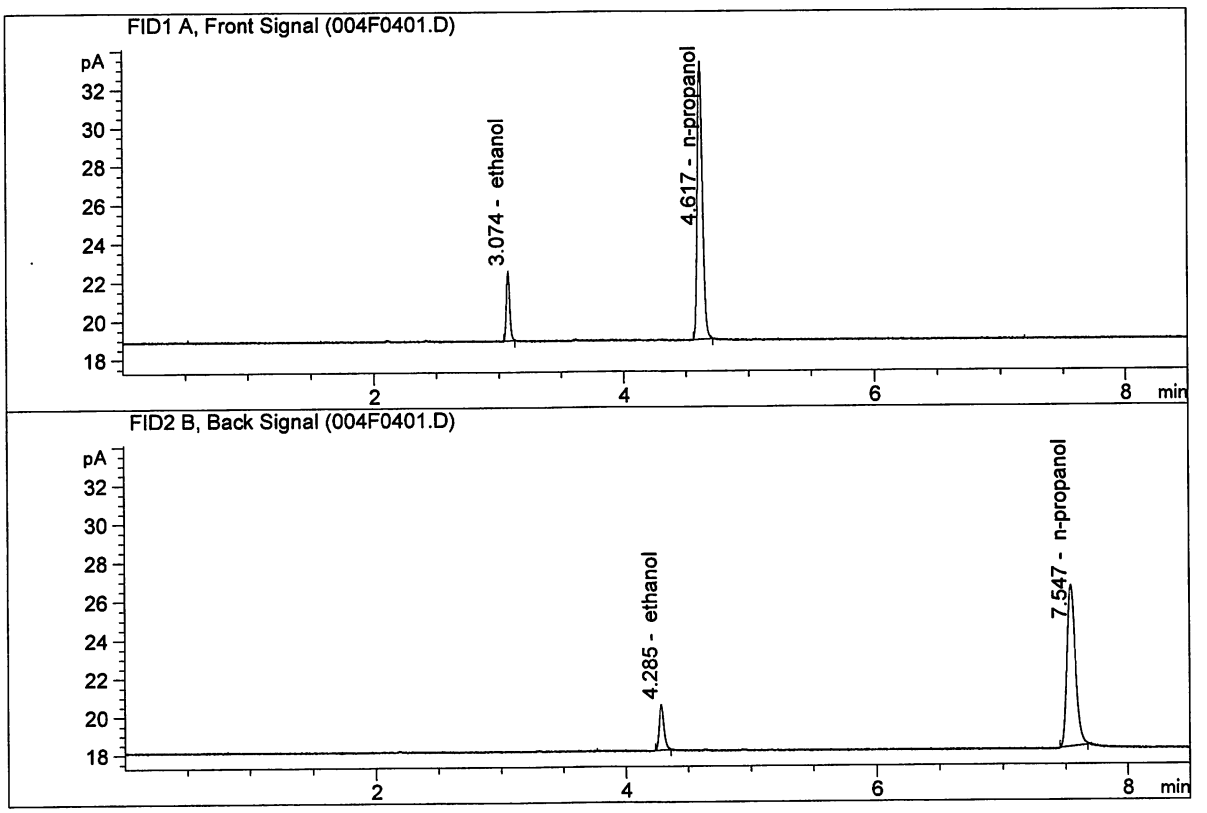


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.55027	0.0782	g/100cc
2.	Ethanol	Column 2:	6.50736	0.0804	g/100cc
3.	n-Propanol	Column 1:	40.22437	1.0000	g/100cc
4.	n-Propanol	Column 2:	39.68577	1.0000	g/100cc

JL

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-B
Laboratory : Meridian
Injection Date : May 16, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.66348	0.0778	g/100cc
2.	Ethanol	Column 2:	6.55387	0.0797	g/100cc
3.	n-Propanol	Column 1:	41.09012	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.37401	1.0000	g/100cc

JA

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.08 FN10281510 **Analysis Date(s): 16 May 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0813	0.0827	0.0014	0.0820	0.0817	
(g/100cc)	0.0807	0.0822	0.0015	0.0814		

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
0.081	**0.076**	**0.086**	**0.005**

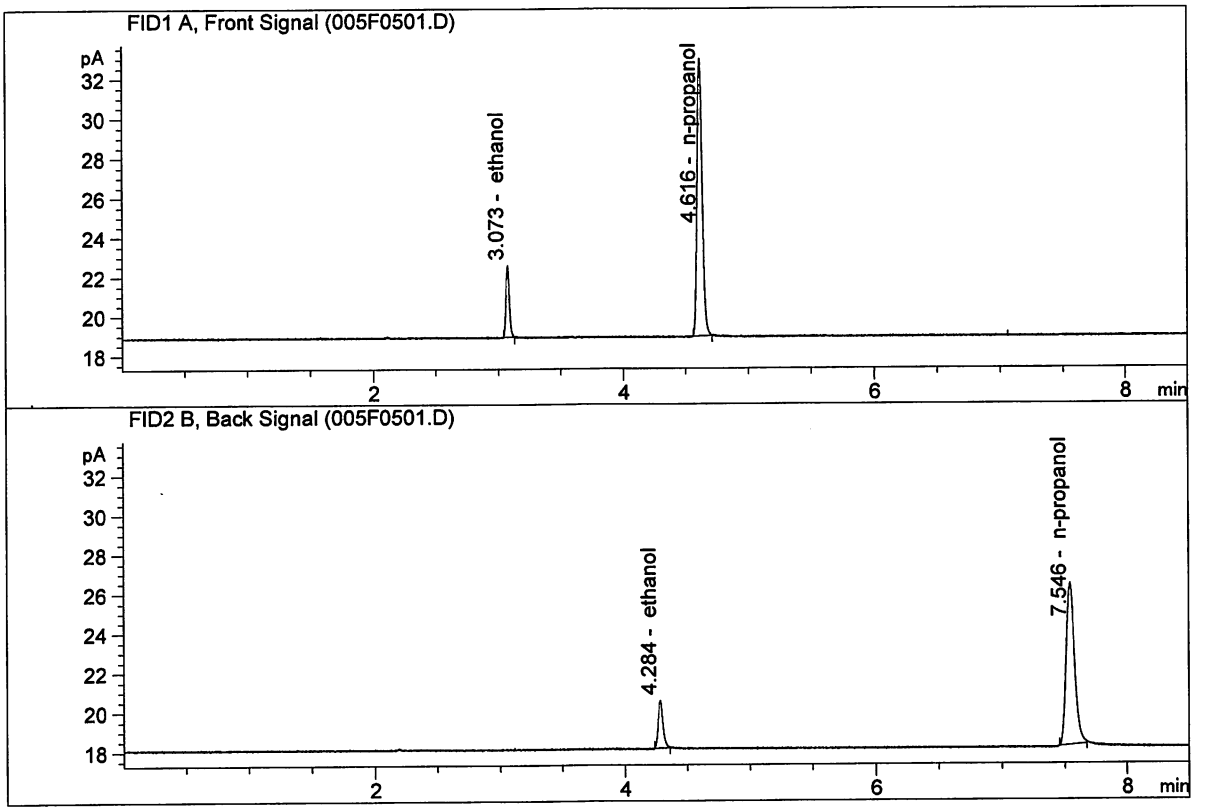
	Reported Result	
	0.081	

Calibration and control data are stored centrally.

JL

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN10281510-A
Laboratory : Meridian
Injection Date : May 16, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

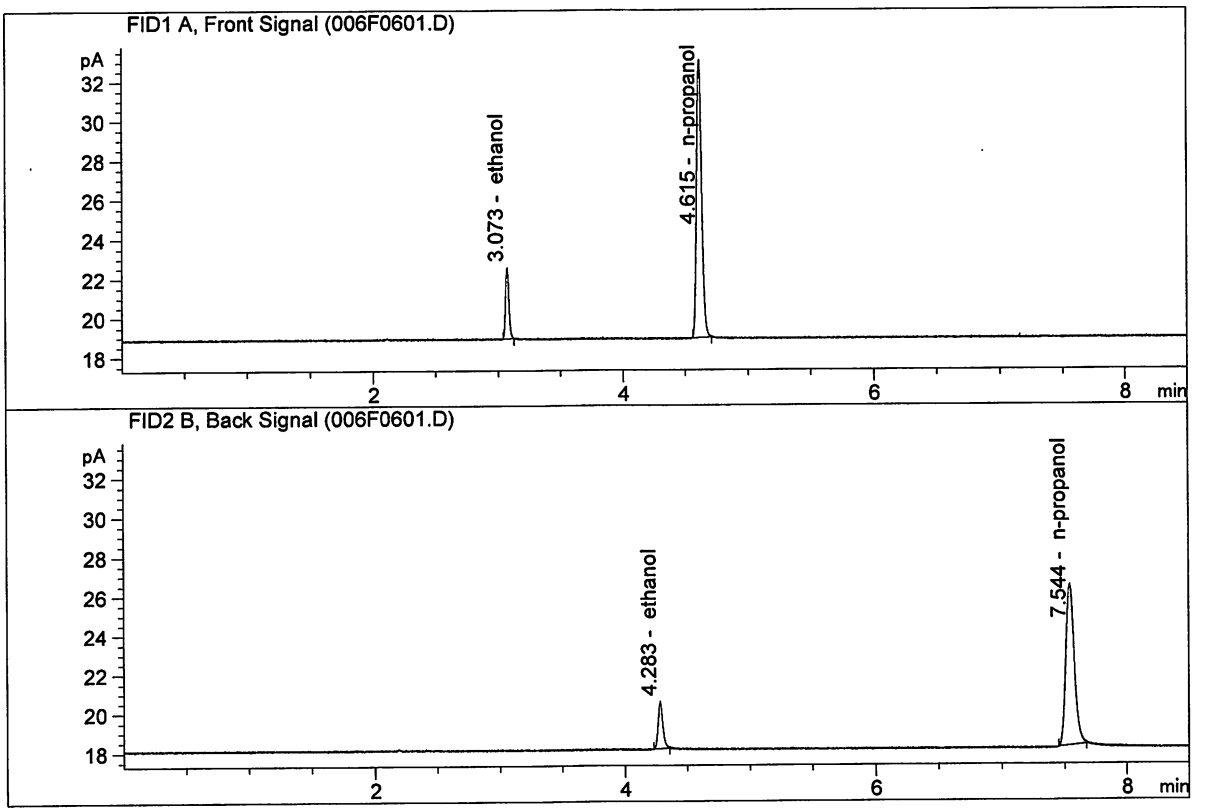


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.79689	0.0813	g/100cc
2.	Ethanol	Column 2:	6.64443	0.0827	g/100cc
3.	n-Propanol	Column 1:	40.06737	1.0000	g/100cc
4.	n-Propanol	Column 2:	39.30129	1.0000	g/100cc

JL

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN10281510-B
Laboratory : Meridian
Injection Date : May 16, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.78973	0.0807	g/100cc
2.	Ethanol	Column 2:	6.66165	0.0822	g/100cc
3.	n-Propanol	Column 1:	40.32622	1.0000	g/100cc
4.	n-Propanol	Column 2:	39.65958	1.0000	g/100cc

JL

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-2 **Analysis Date(s): 16 May 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean
Sample Results	0.0809	0.0824	0.0015	0.0816	0.0810
(g/100cc)	0.0792	0.0815	0.0023	0.0803	

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
0.081	0.076	0.086	0.005

Reported Result

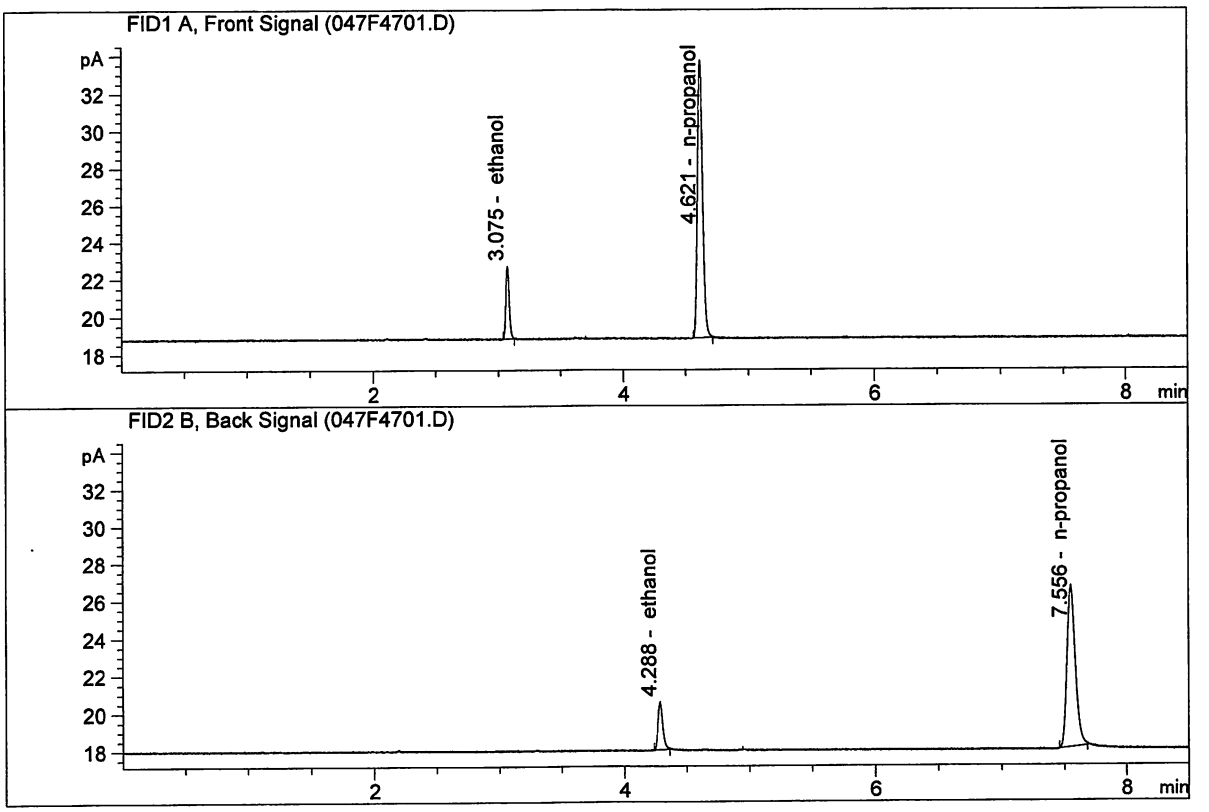
0.081

Calibration and control data are stored centrally.

JL

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-A
Laboratory : Meridian
Injection Date : May 16, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

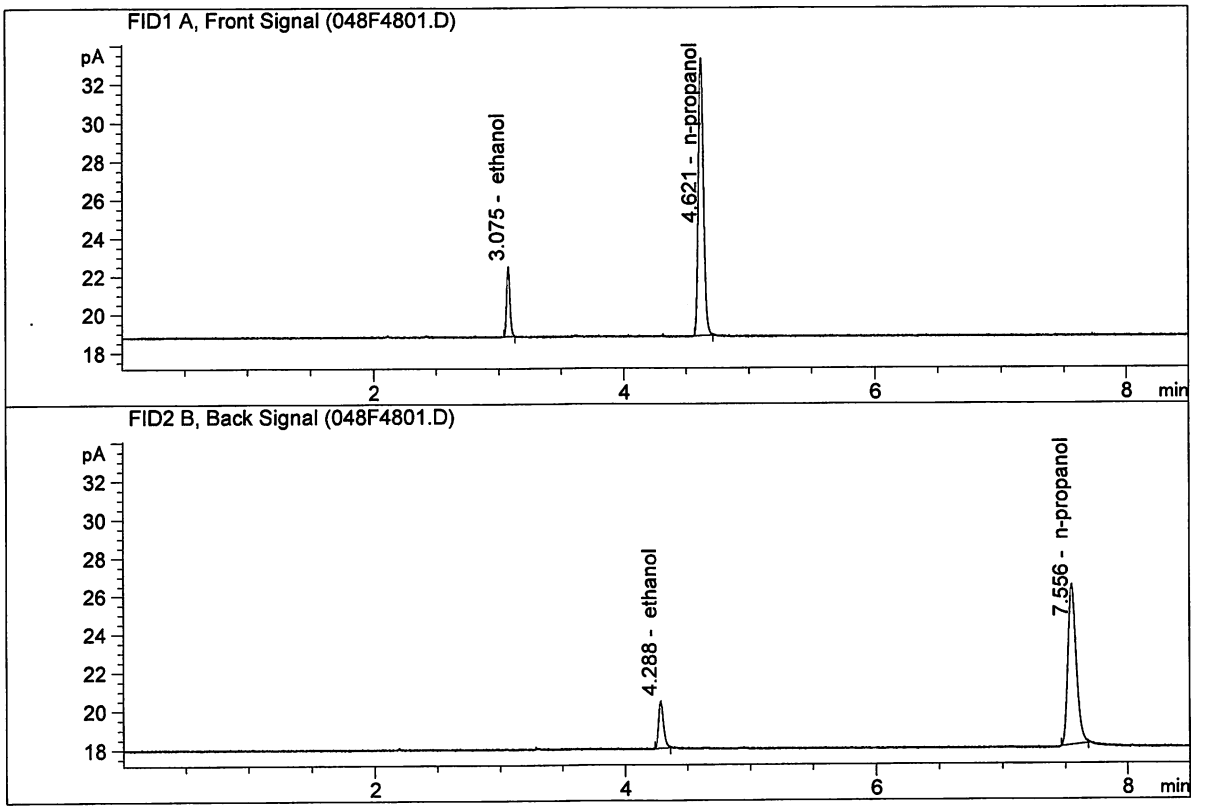


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.15294	0.0809	g/100cc
2.	Ethanol	Column 2:	6.97724	0.0824	g/100cc
3.	n-Propanol	Column 1:	42.38965	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.41823	1.0000	g/100cc

JL

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-B
Laboratory : Meridian
Injection Date : May 16, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.79957	0.0792	g/100cc
2.	Ethanol	Column 2:	6.67292	0.0815	g/100cc
3.	n-Propanol	Column 1:	41.19876	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.06842	1.0000	g/100cc

JG

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-1 **Analysis Date(s): 16 May 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean
Sample Results	0.2031	0.2043	0.0012	0.2037	0.2030
(g/100cc)	0.2023	0.2023	0.0000	0.2023	

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
0.203	**0.192**	**0.214**	**0.011**

Reported Result

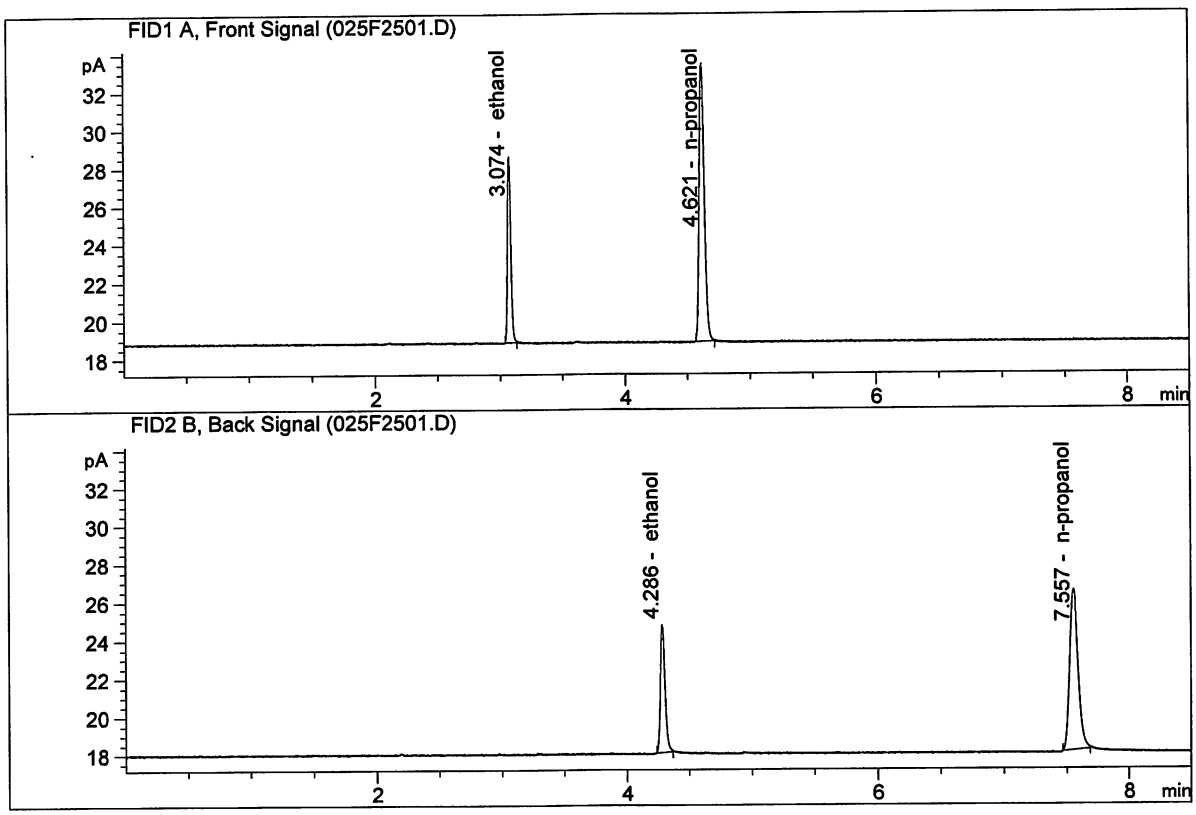
0.203

Calibration and control data are stored centrally.

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-A
Laboratory : Meridian
Injection Date : May 16, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

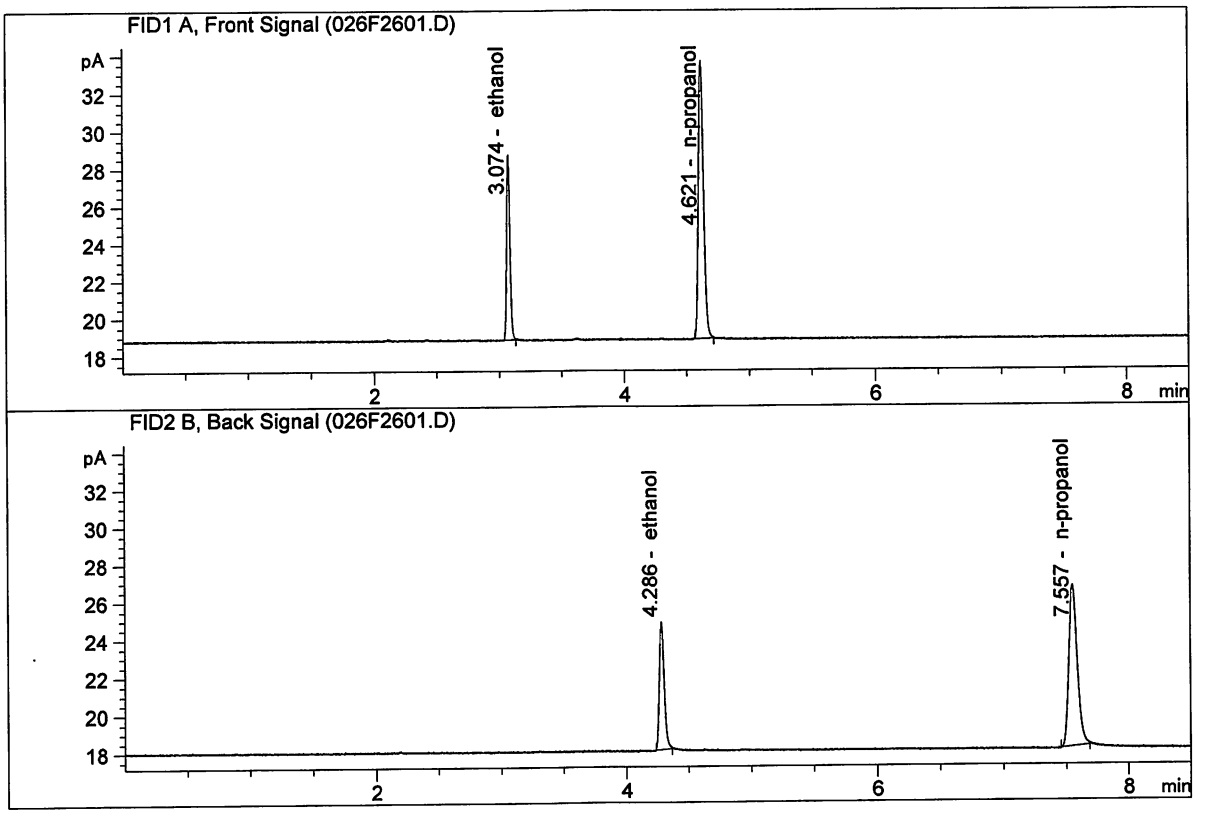


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.87153	0.2031	g/100cc
2.	Ethanol	Column 2:	18.00636	0.2043	g/100cc
3.	n-Propanol	Column 1:	41.53092	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.47977	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-B
Laboratory : Meridian
Injection Date : May 16, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.05620	0.2023	g/100cc
2.	Ethanol	Column 2:	18.14342	0.2023	g/100cc
3.	n-Propanol	Column 1:	42.14099	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.20993	1.0000	g/100cc

JG

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-2 **Analysis Date(s): 17 May 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean
Sample Results	0.2084	0.2095	0.0011	0.2089	0.2094
(g/100cc)	0.2095	0.2103	0.0008	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:
MD96BC1382/MD94AM10010

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**

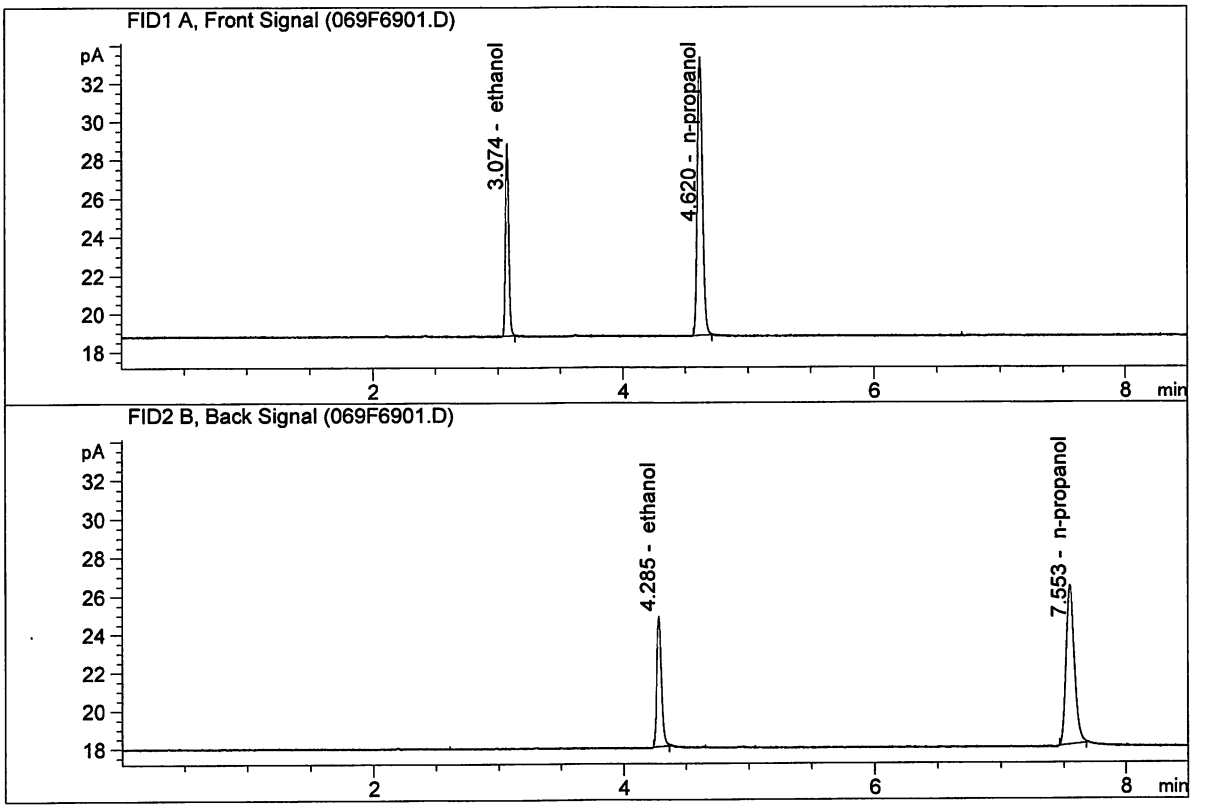
Reported Result

0.209

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-2-A
Laboratory : Meridian
Injection Date : May 17, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

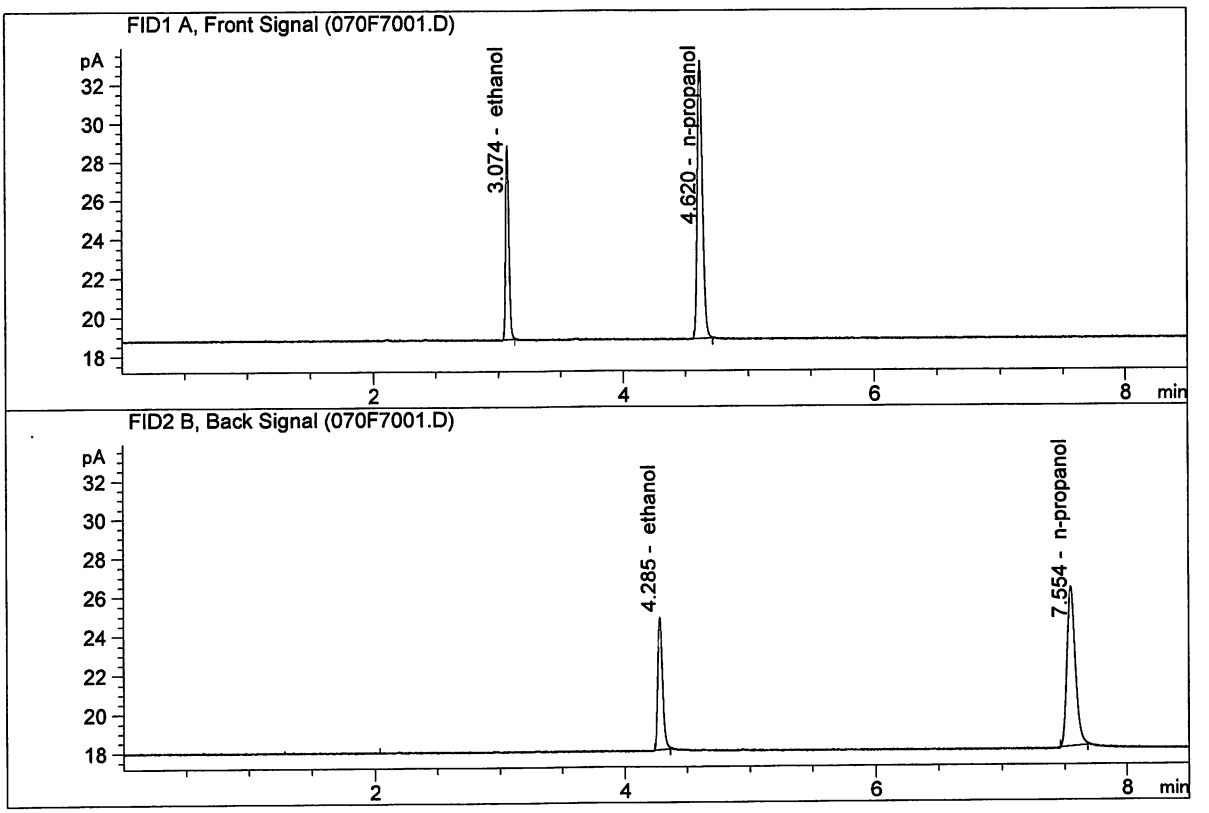


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.22985	0.2084	g/100cc
2.	Ethanol	Column 2:	18.30632	0.2095	g/100cc
3.	n-Propanol	Column 1:	41.28030	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.10399	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-2-B
Laboratory : Meridian
Injection Date : May 17, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

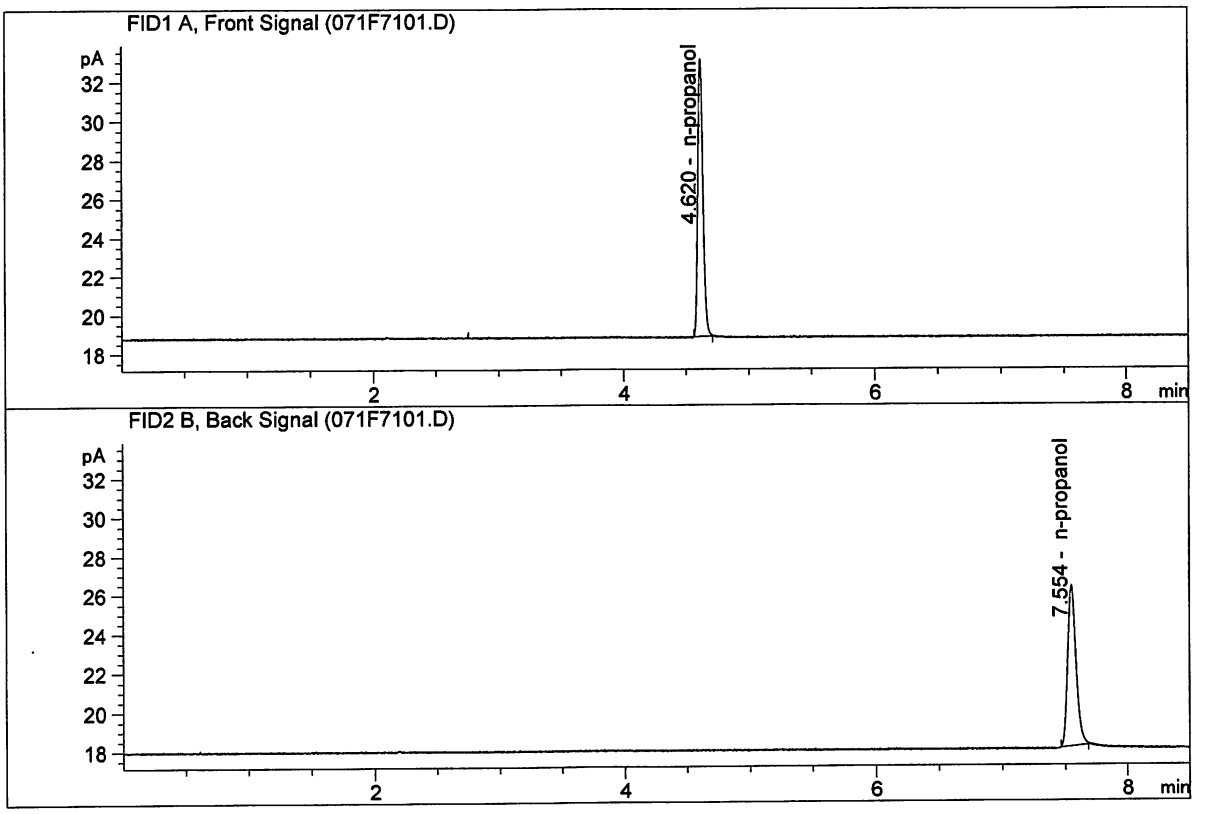


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.06555	0.2095	g/100cc
2.	Ethanol	Column 2:	18.13340	0.2103	g/100cc
3.	n-Propanol	Column 1:	40.69917	1.0000	g/100cc
4.	n-Propanol	Column 2:	39.56185	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : May 17, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

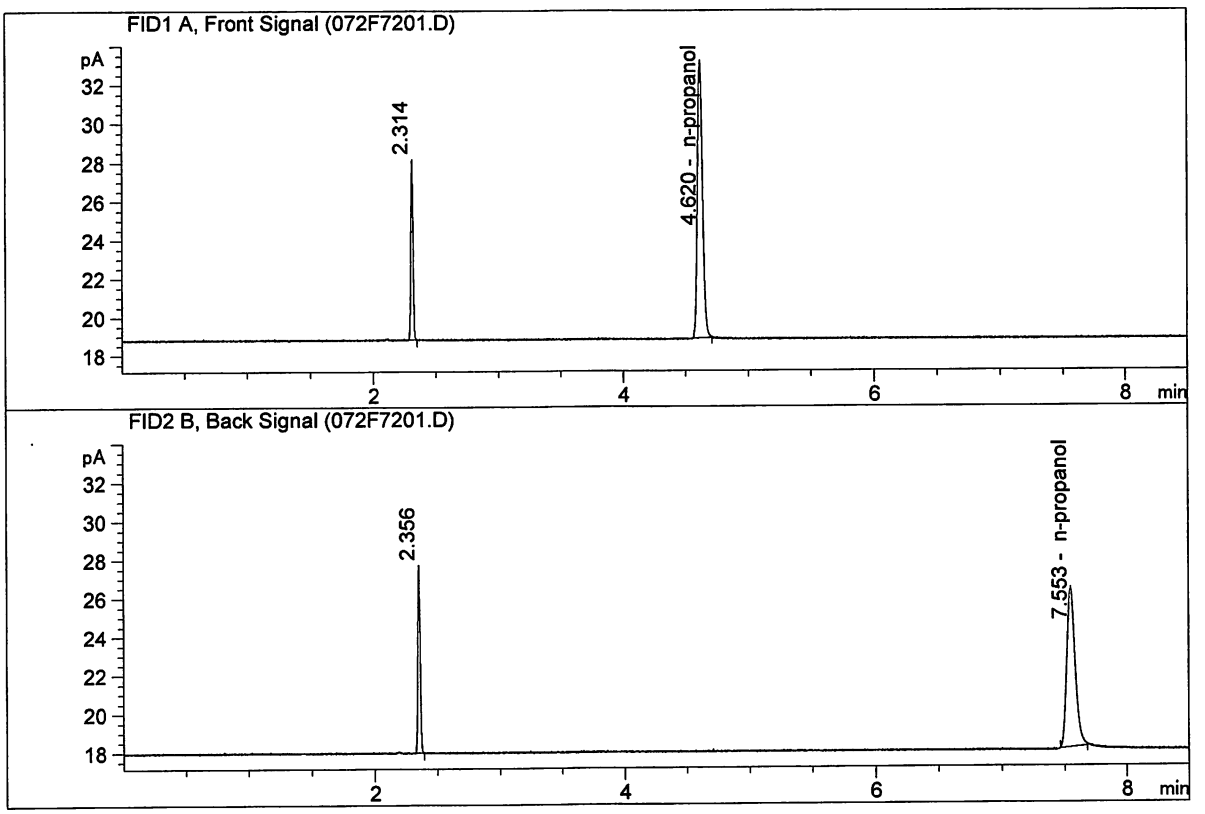


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	40.65388	1.0000	g/100cc
4.	n-Propanol	Column 2:	39.56599	1.0000	g/100cc

Ja

ISP Forensic Services Blood Alcohol Report

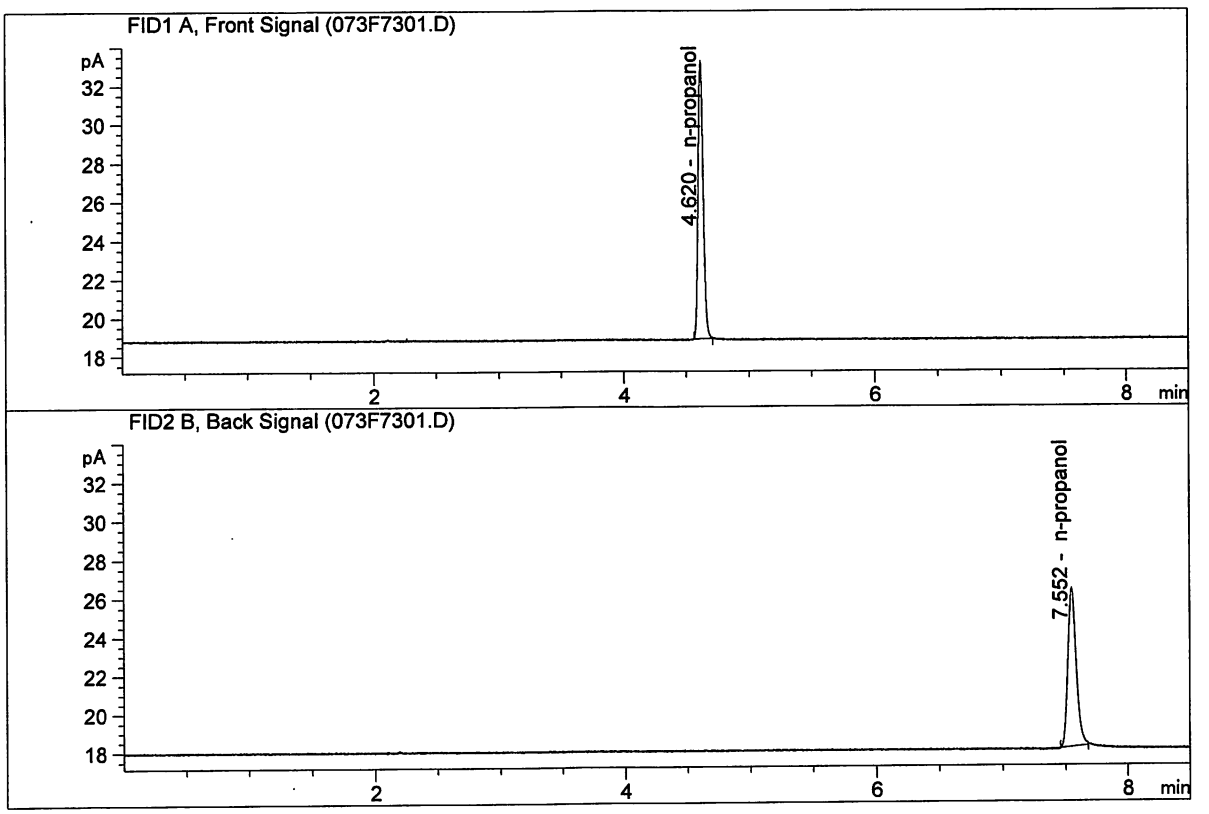
Sample Name : 111914OM DFE
Laboratory : Meridian
Injection Date : May 17, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	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:	40.96290	1.0000	g/100cc
4.	n-Propanol	Column 2:	39.93813	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : May 17, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

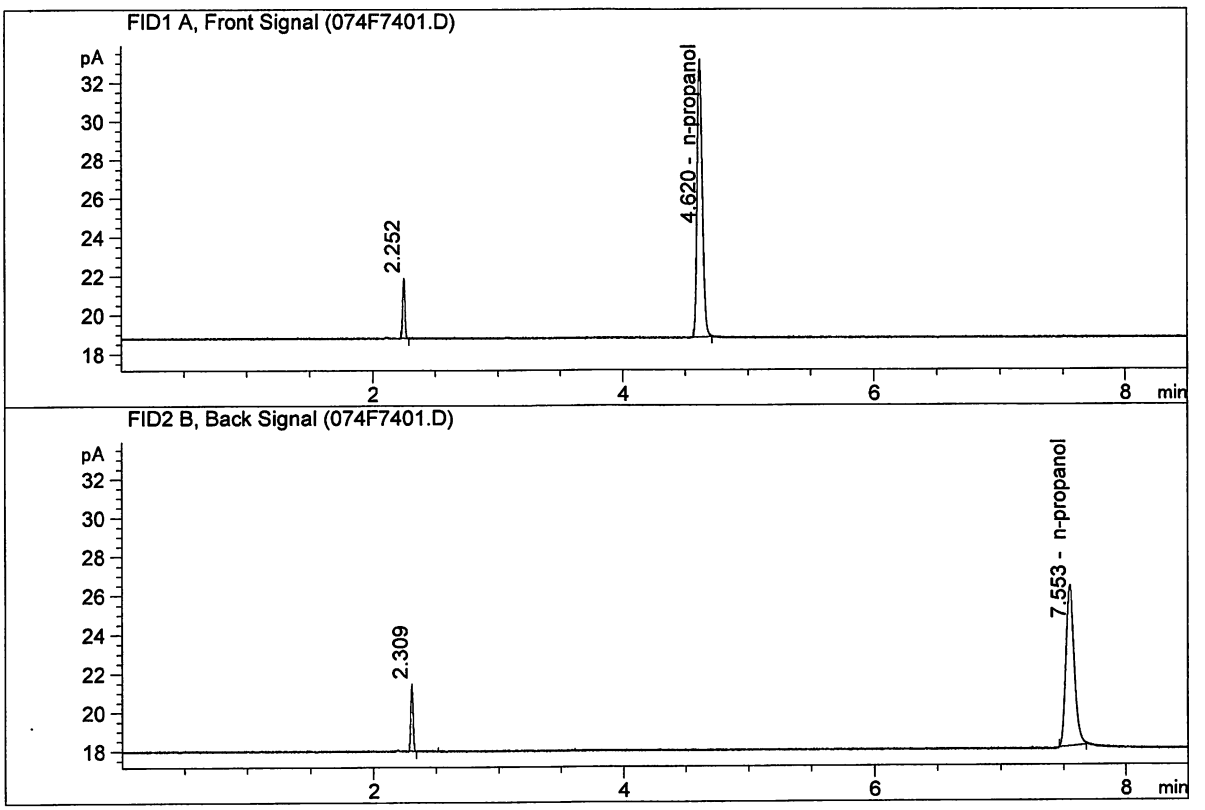


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	40.77829	1.0000	g/100cc
4.	n-Propanol	Column 2:	39.87457	1.0000	g/100cc

Ja

ISP Forensic Services Blood Alcohol Report

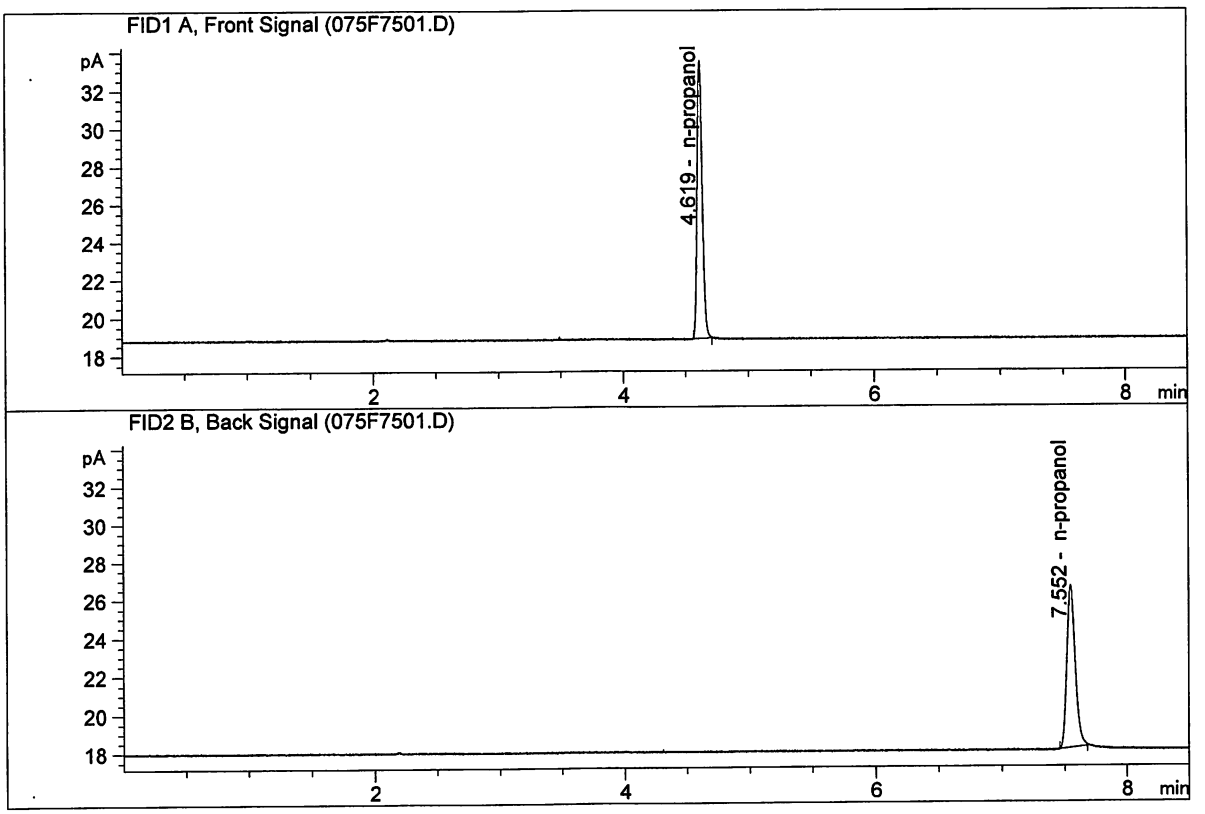
Sample Name : 111914 TFE
Laboratory : Meridian
Injection Date : May 17, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	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:	40.86461	1.0000	g/100cc
4.	n-Propanol	Column 2:	39.76637	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : May 17, 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:	41.66773	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.90140	1.0000	g/100cc

JC

Sample Summary

Sequence table: C:\Chem32\1\Data\05-16-17_SAMPLES\05-16-17_SAMPLES 2017-05-16 15-31-38\05 16-17_SAMPLES.S
Data directory path: C:\Chem32\1\Data\05-16-17_SAMPLES\05-16-17_SAMPLES 2017-05-16 15-31-38\
Logbook: C:\Chem32\1\Data\05-16-17_SAMPLES\05-16-17_SAMPLES 2017-05-16 15-31-38\05 16-17_SAMPLES.LOG
Sequence start: 5/16/2017 3:46:30 PM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\05-16-17_SAMPLES\05-16-17_SAMPLES 2017-05-16 15-31-38 \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	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	M2017-2047-1-A	-	1.0000	007F0701.D	2
8	8	1	M2017-2047-1-B	-	1.0000	008F0801.D	2
9	9	1	M2017-2063-1-A	-	1.0000	009F0901.D	4
10	10	1	M2017-2063-1-B	-	1.0000	010F1001.D	4
11	11	1	M2017-2081-1-A	-	1.0000	011F1101.D	4
12	12	1	M2017-2081-1-B	-	1.0000	012F1201.D	4
13	13	1	M2017-2084-1-A	-	1.0000	013F1301.D	4
14	14	1	M2017-2084-1-B	-	1.0000	014F1401.D	4
15	15	1	M2017-2085-1-A	-	1.0000	015F1501.D	4
16	16	1	M2017-2085-1-B	-	1.0000	016F1601.D	4
17	17	1	M2017-2086-1-A	-	1.0000	017F1701.D	4
18	18	1	M2017-2086-1-B	-	1.0000	018F1801.D	4
19	19	1	M2017-2087-1-A	-	1.0000	019F1901.D	4
20	20	1	M2017-2087-1-B	-	1.0000	020F2001.D	4
21	21	1	M2017-2093-1-A	-	1.0000	021F2101.D	4
22	22	1	M2017-2093-1-B	-	1.0000	022F2201.D	4
23	23	1	M2017-2103-1-A	-	1.0000	023F2301.D	4
24	24	1	M2017-2103-1-B	-	1.0000	024F2401.D	4
25	25	1	QC2-1-A	-	1.0000	025F2501.D	4
26	26	1	QC2-1-B	-	1.0000	026F2601.D	4
27	27	1	M2017-2104-1-A	-	1.0000	027F2701.D	4
28	28	1	M2017-2104-1-B	-	1.0000	028F2801.D	4
29	29	1	M2017-2126-2-A	-	1.0000	029F2901.D	2
30	30	1	M2017-2126-2-B	-	1.0000	030F3001.D	2
31	31	1	M2017-2130-1-A	-	1.0000	031F3101.D	2
32	32	1	M2017-2130-1-B	-	1.0000	032F3201.D	2
33	33	1	M2017-2131-1-A	-	1.0000	033F3301.D	2
34	34	1	M2017-2131-1-B	-	1.0000	034F3401.D	2
35	35	1	M2017-2132-1-A	-	1.0000	035F3501.D	4
36	36	1	M2017-2132-1-B	-	1.0000	036F3601.D	4
37	37	1	M2017-2133-1-A	-	1.0000	037F3701.D	4
38	38	1	M2017-2133-1-B	-	1.0000	038F3801.D	4
39	39	1	M2017-2135-1-A	-	1.0000	039F3901.D	2
40	40	1	M2017-2135-1-B	-	1.0000	040F4001.D	2
41	41	1	M2017-2137-1-A	-	1.0000	041F4101.D	4
42	42	1	M2017-2137-1-B	-	1.0000	042F4201.D	4
43	43	1	M2017-2146-1-A	-	1.0000	043F4301.D	4

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Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
44	44	1	M2017-2146-1-B	-	1.0000	044F4401.D	4
45	45	1	M2017-2147-2-A	-	1.0000	045F4501.D	4
46	46	1	M2017-2147-2-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	M2017-2148-1-A	-	1.0000	049F4901.D	4
50	50	1	M2017-2148-1-B	-	1.0000	050F5001.D	4
51	51	1	M2017-2149-1-A	-	1.0000	051F5101.D	2
52	52	1	M2017-2149-1-B	-	1.0000	052F5201.D	2
53	53	1	M2017-2155-1-A	-	1.0000	053F5301.D	4
54	54	1	M2017-2155-1-B	-	1.0000	054F5401.D	4
55	55	1	M2017-2156-1-A	-	1.0000	055F5501.D	4
56	56	1	M2017-2156-1-B	-	1.0000	056F5601.D	4
57	57	1	M2017-2169-1-A	-	1.0000	057F5701.D	4
58	58	1	M2017-2169-1-B	-	1.0000	058F5801.D	4
59	59	1	M2017-2175-1-A	-	1.0000	059F5901.D	4
60	60	1	M2017-2175-1-B	-	1.0000	060F6001.D	4
61	61	1	M2017-2178-1-A	-	1.0000	061F6101.D	4
62	62	1	M2017-2178-1-B	-	1.0000	062F6201.D	4
63	63	1	M2017-2179-1-A	-	1.0000	063F6301.D	4
64	64	1	M2017-2179-1-B	-	1.0000	064F6401.D	4
65	65	1	M2017-2180-1-A	-	1.0000	065F6501.D	4
66	66	1	M2017-2180-1-B	-	1.0000	066F6601.D	4
67	67	1	P2017-0997-1-A	-	1.0000	067F6701.D	2
68	68	1	P2017-0997-1-B	-	1.0000	068F6801.D	2
69	69	1	QC2-2-A	-	1.0000	069F6901.D	4
70	70	1	QC2-2-B	-	1.0000	070F7001.D	4
71	71	1	INTERNAL STD BLK	-	1.0000	071F7101.D	2
72	72	1	111914OM DFE	-	1.0000	072F7201.D	2
73	73	1	INTERNAL STD BLK	-	1.0000	073F7301.D	2
74	74	1	111914 TFE	-	1.0000	074F7401.D	2
75	75	1	INTERNAL STD BLK	-	1.0000	075F7501.D	2

Method file name: C:\Chem32\1\Data\05-16-17_SAMPLES\05-16-17_SAMPLES 2017-05-16 15-31-38\SHUTDOWN.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
76	76	1	EMPTY	-	1.0000	076F7601.D	0

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

Calibration Table

General Calibration Setting

Calib. Data Modified : Monday, May 08, 2017 11:53:38 AM
Signals calculated separately : No

Rel. Reference Window : 0.000 %
Abs. Reference Window : 0.100 min
Rel. Non-ref. Window : 0.000 %
Abs. Non-ref. Window : 0.100 min
Uncalibrated Peaks : not reported
Partial Calibration : Yes, identified peaks are recalibrated
Correct All Ret. Times: No, only for identified peaks

Curve Type : Linear
Origin : Ignored
Weight : Equal

Recalibration Settings:
Average Response : Average all calibrations
Average Retention Time: Floating Average New 75%

Calibration Report Options :
Printout of recalibrations within a sequence:
Calibration Table after Recalibration
Normal Report after Recalibration
If the sequence is done with bracketing:
Results of first cycle (ending previous bracket)

Default Sample ISTD Information (if not set in sample table):

ISTD #	ISTD Amount [g/100cc]	Name
1	1.00000	n-propanol
2	1.00000	n-propanol

Signal Details

Signal 1: FID1 A, Front Signal
Signal 2: FID2 B, Back Signal

Overview Table

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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
3.072	1	1	5.00000e-2	4.45547	1.12222e-2	No	No	1	ethanol
		2	1.00000e-1	8.95815	1.11630e-2				
		3	2.00000e-1	18.03357	1.10904e-2				
		4	3.00000e-1	26.70529	1.12337e-2				
		5	5.00000e-1	44.23734	1.13027e-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	4.44636	1.12452e-2	No	No	2	ethanol
		2	1.00000e-1	8.94009	1.11856e-2				
		3	2.00000e-1	18.29950	1.09293e-2				
		4	3.00000e-1	27.38936	1.09532e-2				
		5	5.00000e-1	46.02637	1.08633e-2				
4.308	1	1	1.00000	6.49940	1.53860e-1	No	No	1	acetone
4.618	1	1	1.00000	43.10126	2.32012e-2	No	Yes	1	n-propanol
		2	1.00000	42.70095	2.34187e-2				
		3	1.00000	42.68180	2.34292e-2				
		4	1.00000	41.91945	2.38553e-2				
		5	1.00000	41.48934	2.41026e-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	43.70751	2.28794e-2	No	Yes	2	n-propanol
		2	1.00000	42.83329	2.33463e-2				
		3	1.00000	42.70489	2.34165e-2				
		4	1.00000	41.77735	2.39364e-2				
		5	1.00000	41.08114	2.43421e-2				

Peak Sum Table

No Entries in table

43 Warnings or Errors (10 first messages follow) :

Warning : Curve requires more calibration points., (methanol)
Warning : Curve requires more calibration points. at 2.586 min, signal 1
Warning : Curve requires more calibration points. at 4.618 min, signal 1
Warning : Curve requires more calibration points. at 2.586 min, signal 1
Warning : Curve requires more calibration points. at 3.388 min, signal 2
Warning : Curve requires more calibration points. at 3.628 min, signal 1
Warning : Curve requires more calibration points. at 4.308 min, signal 1
Warning : Curve requires more calibration points. at 4.618 min, signal 1
Warning : Curve requires more calibration points. at 4.661 min, signal 2
Warning : Curve requires more calibration points. at 4.969 min, signal 2

JG

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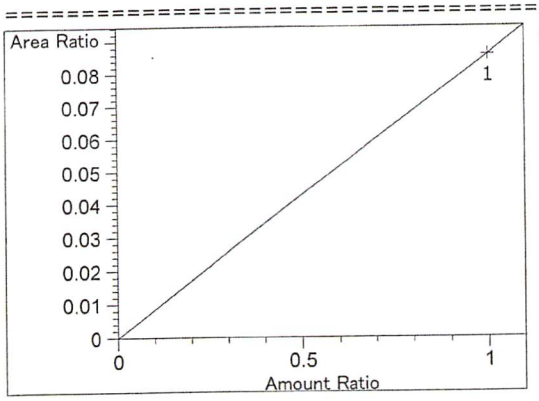
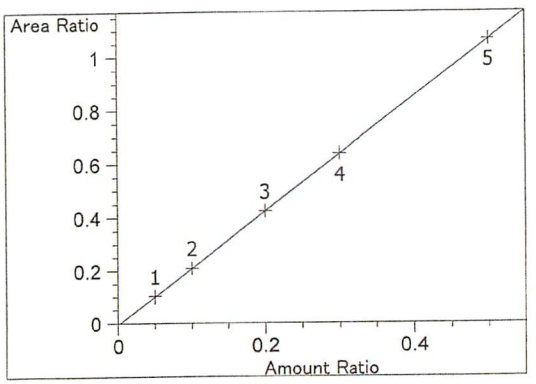
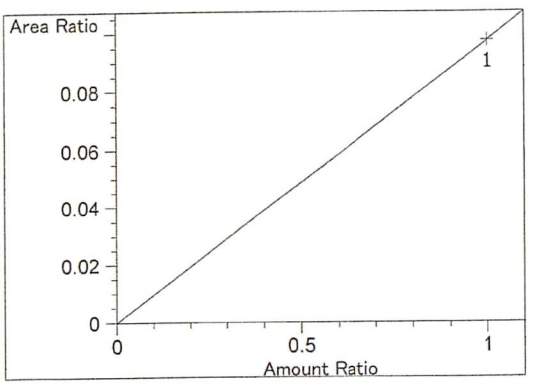
Calibration Curves



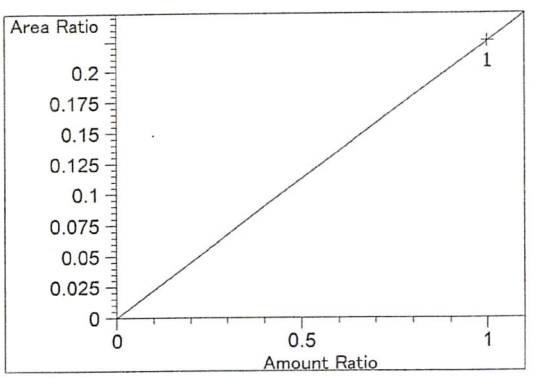
methanol at exp. RT: 2.586
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.57677e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



ethanol at exp. RT: 3.072
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00091
Formula: y = mx + b
m: 2.14002
b: -4.41120e-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: 9.74804e-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: 2.25760e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio

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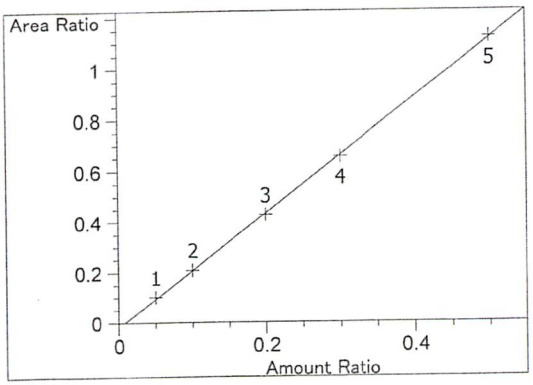
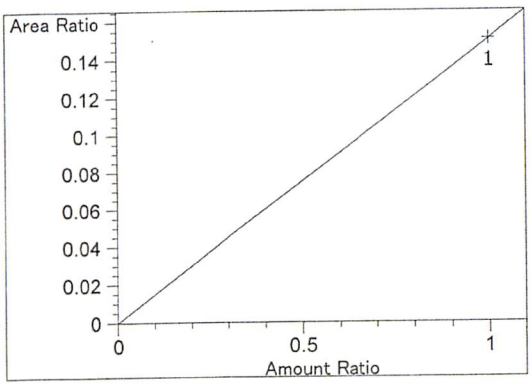
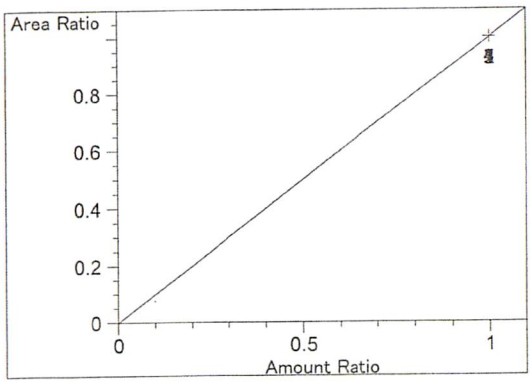


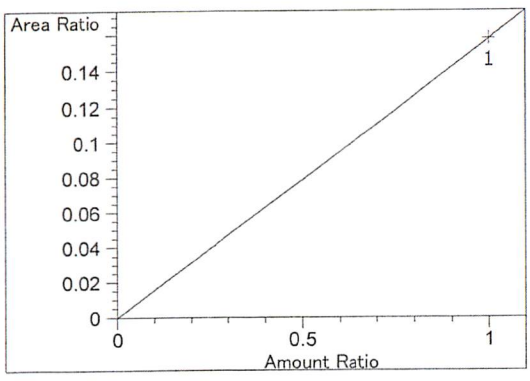
ethanol at exp. RT: 4.281
FID2 B, Back Signal
Correlation: 0.99988
Residual Std. Dev.: 0.00715
Formula: y = mx + b
m: 2.26636
b: -1.82748e-2
x: Amount Ratio
y: Area Ratio



acetone at exp. RT: 4.308
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.50794e-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: 1.57708e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio

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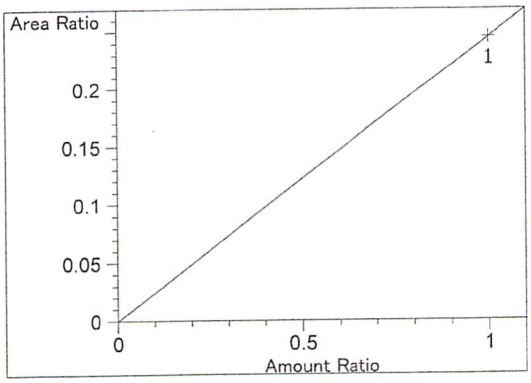
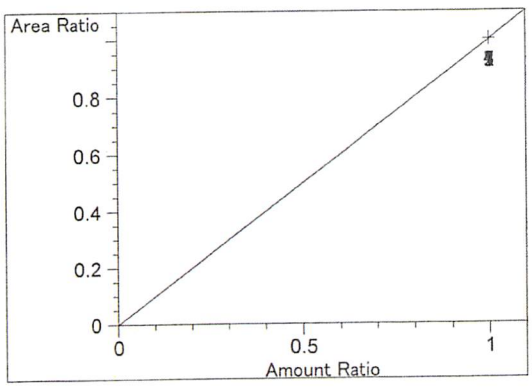


isopropyl alcohol at exp. RT: 4.969
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 2.44956e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



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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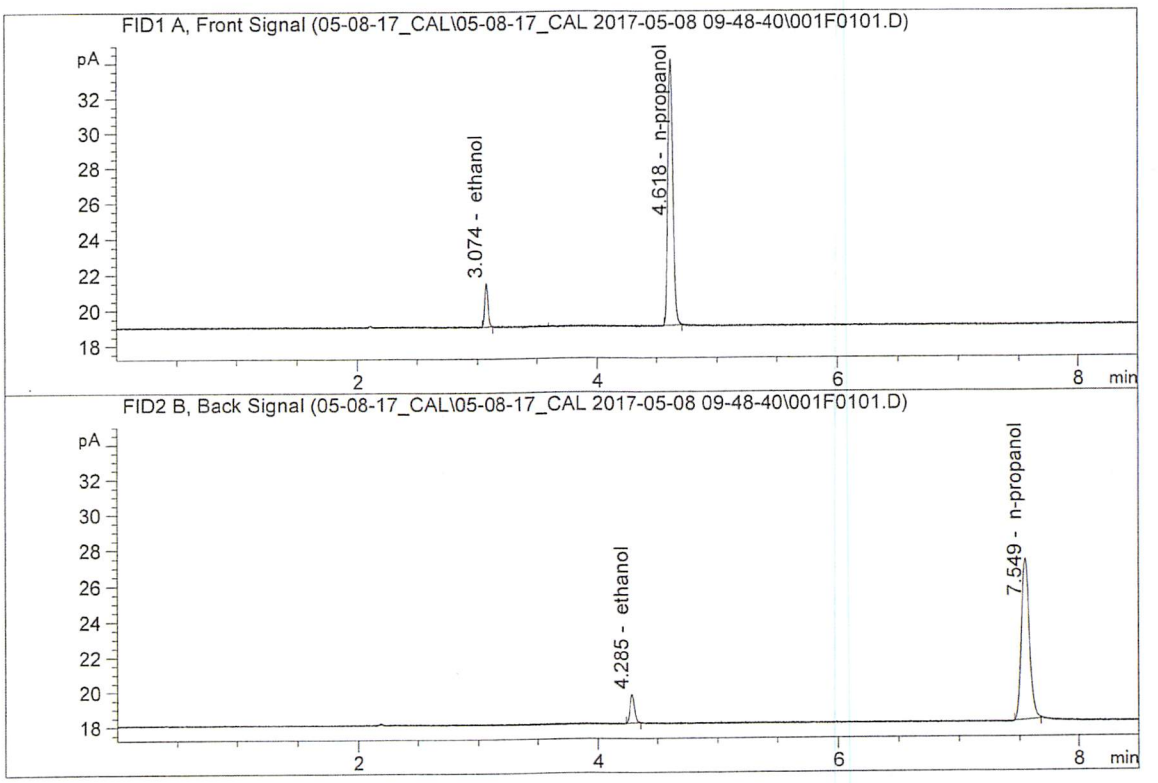
NB

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.050 FN06231406
Laboratory : Meridian
Injection Date : May 8, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	4.45547	0.0504	g/100cc
2.	Ethanol	Column 2:	4.44636	0.0530	g/100cc
3.	n-Propanol	Column 1:	43.10126	1.0000	g/100cc
4.	n-Propanol	Column 2:	43.70751	1.0000	g/100cc

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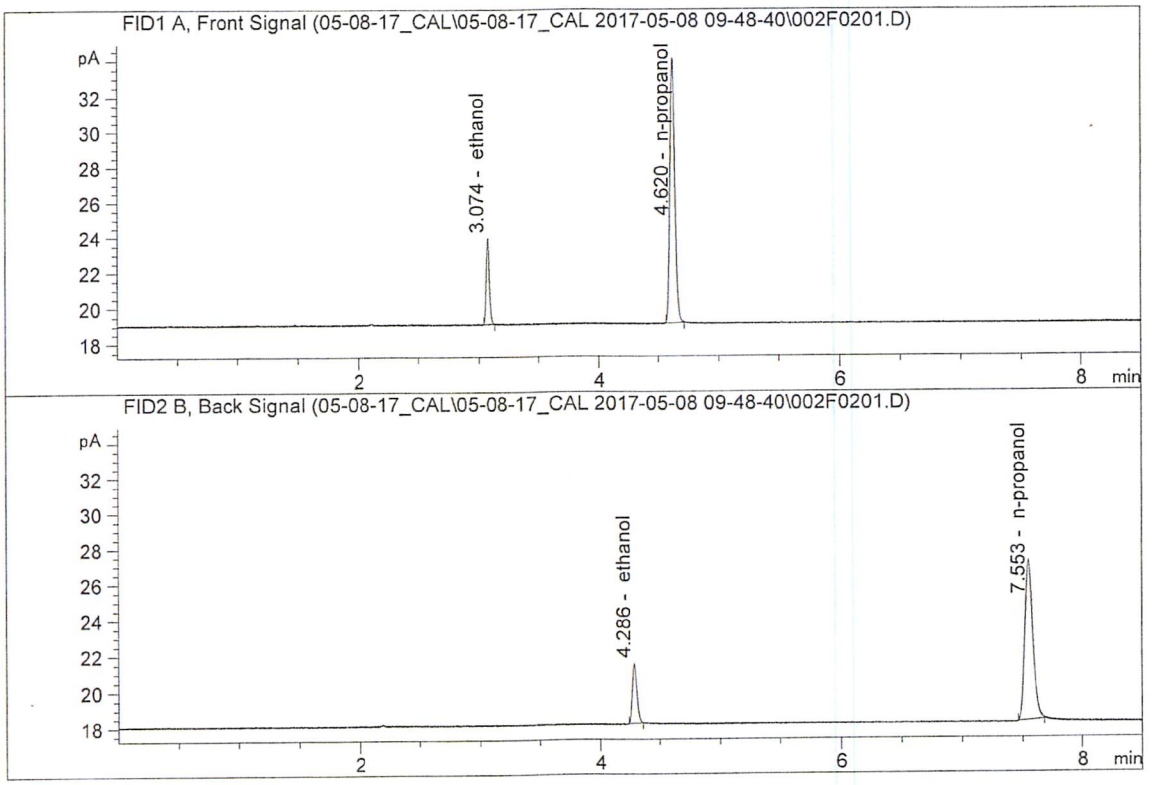
ISP Forensic Services Blood Alcohol Report

Sample Name : 0.100 FN06181501
Laboratory : Meridian
Injection Date : May 8, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	8.95815	0.1001	g/100cc
2.	Ethanol	Column 2:	8.94009	0.1002	g/100cc
3.	n-Propanol	Column 1:	42.70095	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.83329	1.0000	g/100cc

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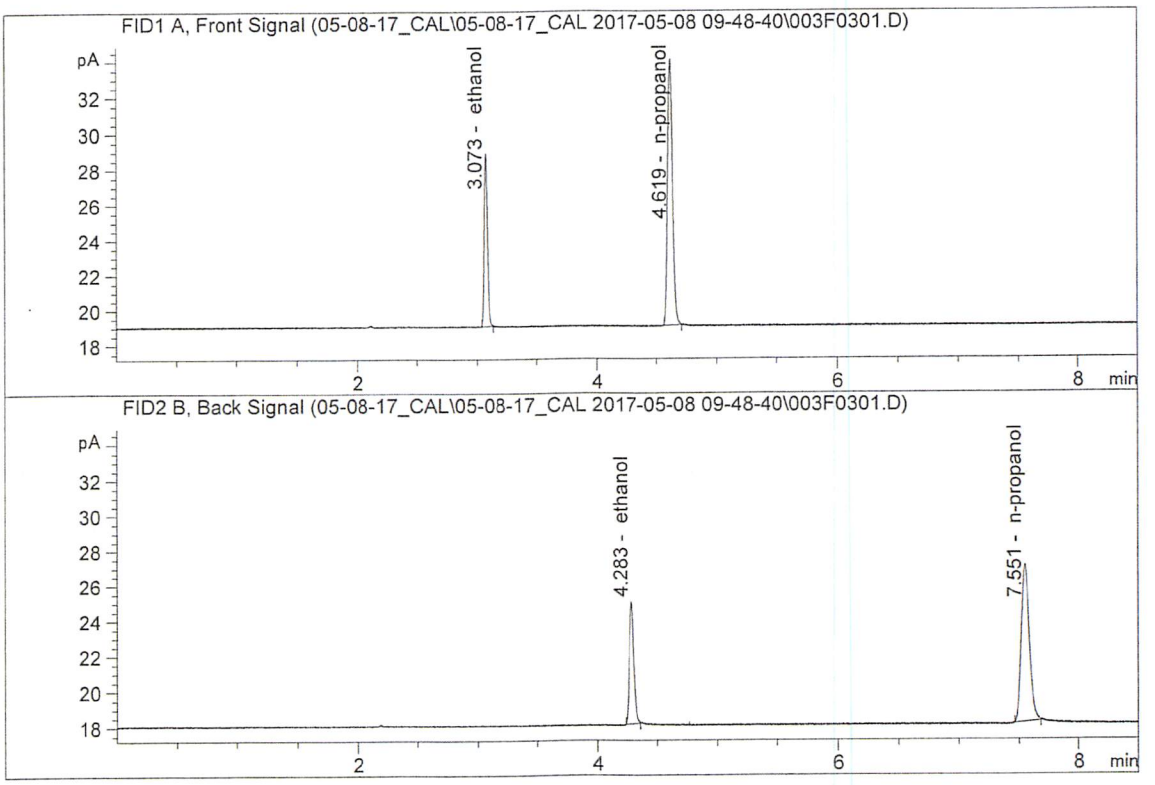
ISP Forensic Services Blood Alcohol Report

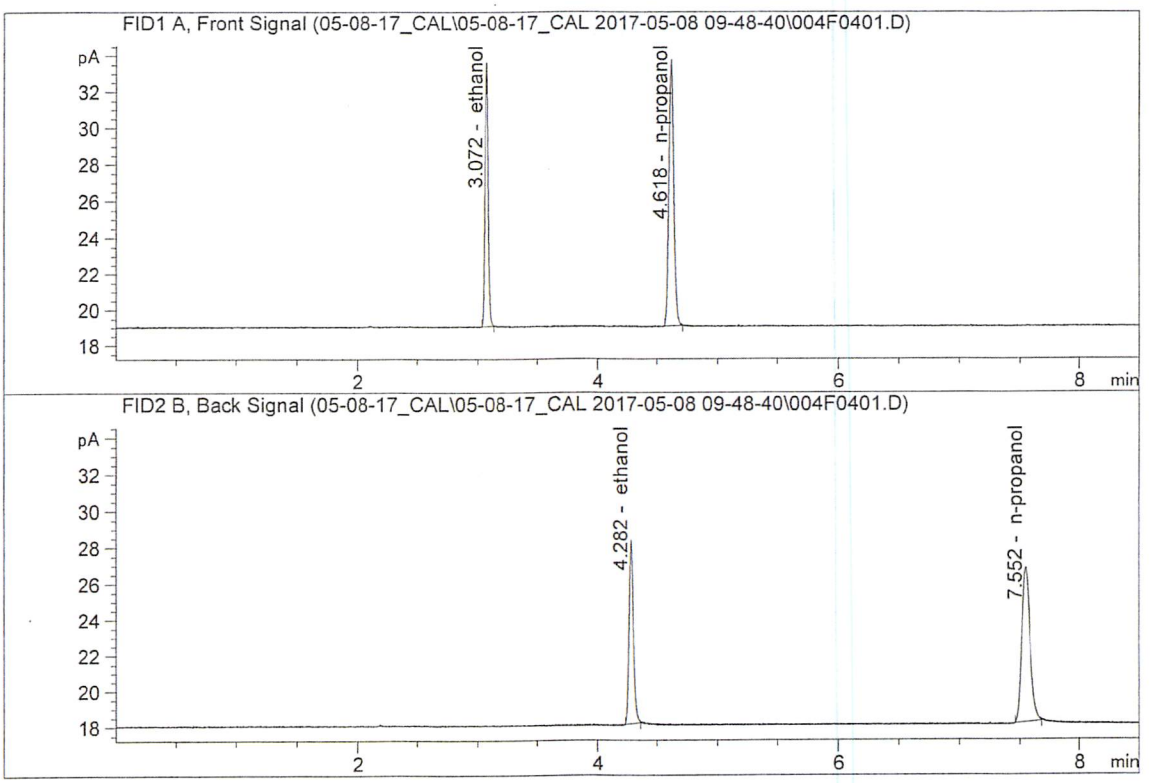
Sample Name : 0.200 FN07201502
Laboratory : Meridian
Injection Date : May 8, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.03357	0.1995	g/100cc
2.	Ethanol	Column 2:	18.29950	0.1971	g/100cc
3.	n-Propanol	Column 1:	42.68180	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.70489	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

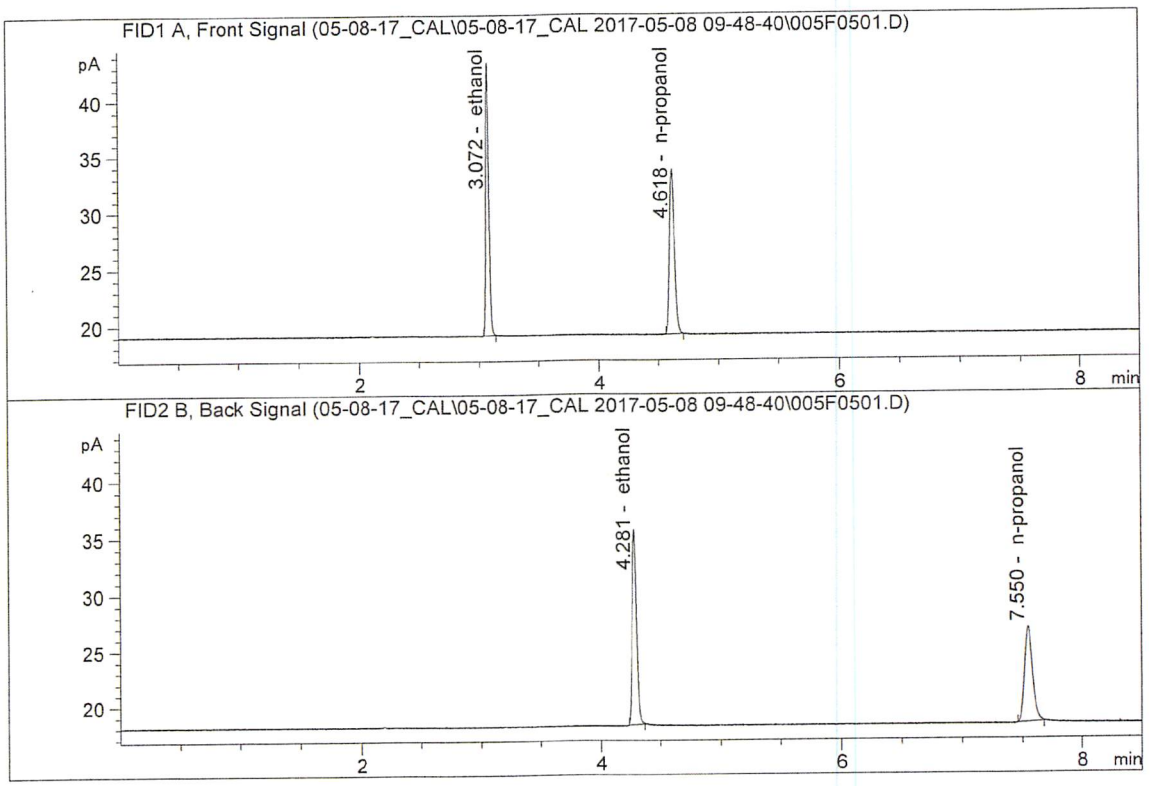
Sample Name : 0.300 FN02121601
Laboratory : Meridian
Injection Date : May 8, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	26.70529	0.2998	g/100cc
2.	Ethanol	Column 2:	27.38936	0.2973	g/100cc
3.	n-Propanol	Column 1:	41.91945	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.77735	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.500 FN07031402
Laboratory : Meridian
Injection Date : May 8, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	44.23734	0.5003	g/100cc
2.	Ethanol	Column 2:	46.02637	0.5024	g/100cc
3.	n-Propanol	Column 1:	41.48934	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.08114	1.0000	g/100cc

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MB

Sequence File C:\Chem32\1\Data\05-08-17_CAL\05-08-17_CAL 2017-05-08 09-48-40\05-08-17_CAL.S

Sample Summary

Sequence table: C:\Chem32\1\Data\05-08-17_CAL\05-08-17_CAL 2017-05-08 09-48-40\05-08-17_CAL.S
Data directory path: C:\Chem32\1\Data\05-08-17_CAL\05-08-17_CAL 2017-05-08 09-48-40\
Logbook: C:\Chem32\1\Data\05-08-17_CAL\05-08-17_CAL 2017-05-08 09-48-40\05-08-17_CAL.LOG
Sequence start: 5/8/2017 10:03:17 AM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\05-08-17_CAL\05-08-17_CAL 2017-05-08 09-48-40\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 FN06181501	-	1.0000	002F0201.D	*	4
3	3	1	0.200 FN07201502	-	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

JG

NB