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): 08/29/2017-08/30/2017**

Calibration Date: 8/16/2017

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jul-18	1407031	0.0780	0.0702 - 0.0858	0.0761 g/100cc
					0.0782 g/100cc
					g/100cc
Level 2	Jul-18	1407032	0.2020	0.1818 - 0.2222	0.1992 g/100cc
					0.2077 g/100cc
Multi-Component Mixture		**Exp: Oct 2019**	**Lot #**	FN09231404	OK
Curve Fit:			**Column 1**	1.00000 **Column 2**	0.99992

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	0.0495	0.0479	0.0016	0.0487
0.080			0.080	0.072 - 0.088			0	#DIV/0!
0.100	Jun-20	FN06181501	0.100	0.090 - 0.110	0.0989	0.0960	0.0029	0.0974
0.200	Oct-20	FN07201502	0.200	0.180 - 0.220	0.1992	0.1948	0.0044	0.197
0.300	Feb-21	FN02121601	0.300	0.270 - 0.330	0.3009	0.2990	0.0019	0.2999
0.400			0.400	0.360 - 0.440			0	#DIV/0!
0.500	Aug-19	FN07031402	0.500	0.450 - 0.550	0.5001	0.5037	0.0036	0.5019

Aqueous Controls

Control level	Expiration	Cerilliant Lot #	Target Value	Acceptable Range	Overall Results
0.080	Nov-20	FN10281510	0.08000	0.076 - 0.084	0.078 g/100cc

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

Issued: 4/22/2015

Volatiles QA/QC data spreadsheet Rev 5

Issuing Authority: Quality Manager

VL

Worklist: 1866

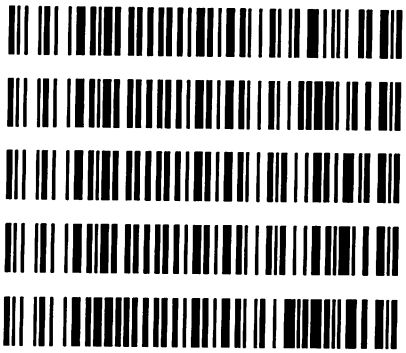
8/30/2017

LAB_CASE	ITEM	TASK_ID	DESCRIPTION
M2017-3720	1	92090	Alcohol Analysis
M2017-3740	1	92453	Alcohol Analysis
M2017-3741	1	92454	Alcohol Analysis
M2017-3755	1	92479	Alcohol Analysis
M2017-3769	1	92499	Alcohol Analysis
M2017-3773	1	92565	Alcohol Analysis
M2017-3774	1	92570	Alcohol Analysis
M2017-3775	1	92574	Alcohol Analysis
M2017-3779	1	92602	Alcohol Analysis
M2017-3791	1	92622	Alcohol Analysis
M2017-3792	1	92626	Alcohol Analysis
M2017-3793	1	92628	Alcohol Analysis
M2017-3794	1	92629	Alcohol Analysis
M2017-3811	4	92697	Alcohol Analysis
M2017-3817	1	92777	Alcohol Analysis
M2017-3818	1	92782	Alcohol Analysis
M2017-3826	1	92805	Alcohol Analysis
M2017-3831	1	92839	Alcohol Analysis
M2017-3832	1	92840	Alcohol Analysis
M2017-3833	1	92844	Alcohol Analysis
M2017-3834	1	92845	Alcohol Analysis
M2017-3868	3	92892	Alcohol Analysis
M2017-3870	1	92894	Alcohol Analysis

JG

Worklist: 1866

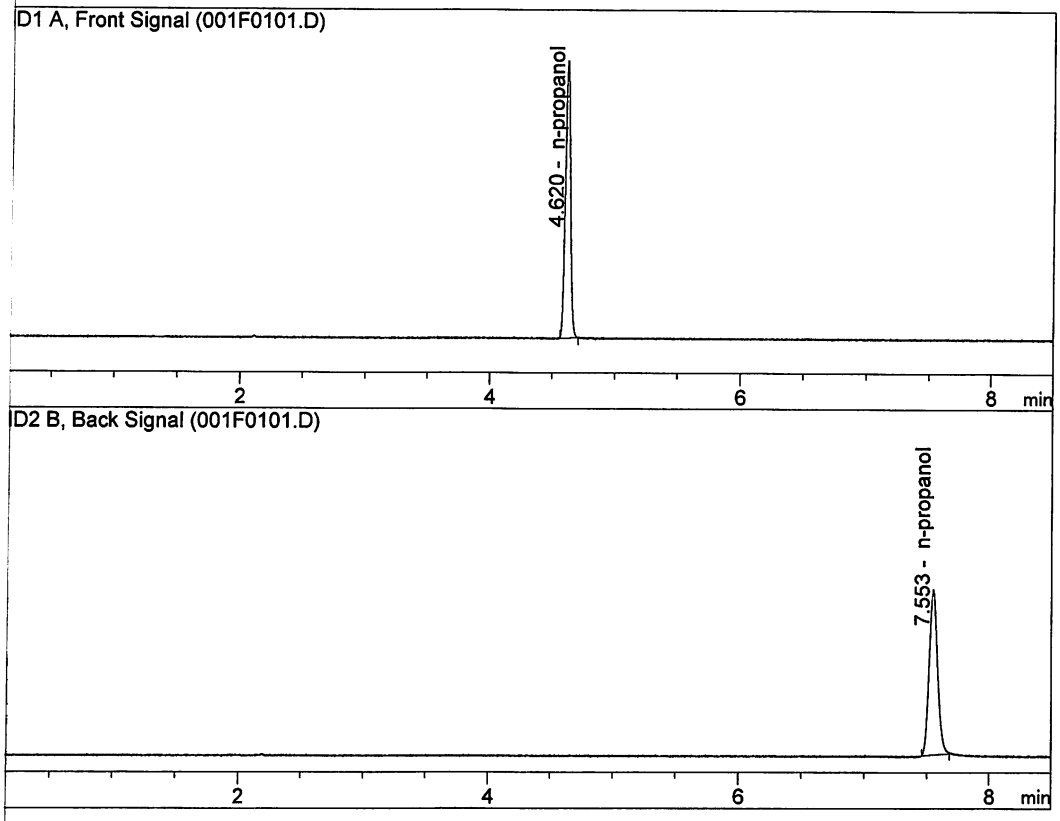
LAB_CASE	ITEM	TASK_ID	DESCRIPTION
M2017-3871	1	92895	Alcohol Analysis
M2017-3880	1	92924	Alcohol Analysis
M2017-3884	1	92969	Alcohol Analysis
M2017-3885	1	92970	Alcohol Analysis
P2017-1820	3	91309	Alcohol Analysis



JC

ISP Forensic Services Blood Alcohol Report

ame : INTERNAL STD BLK 1
ry : Meridian
n Date : Aug 29, 2017
: ALCOHOL.M
trument: CN11180014-CN11041167

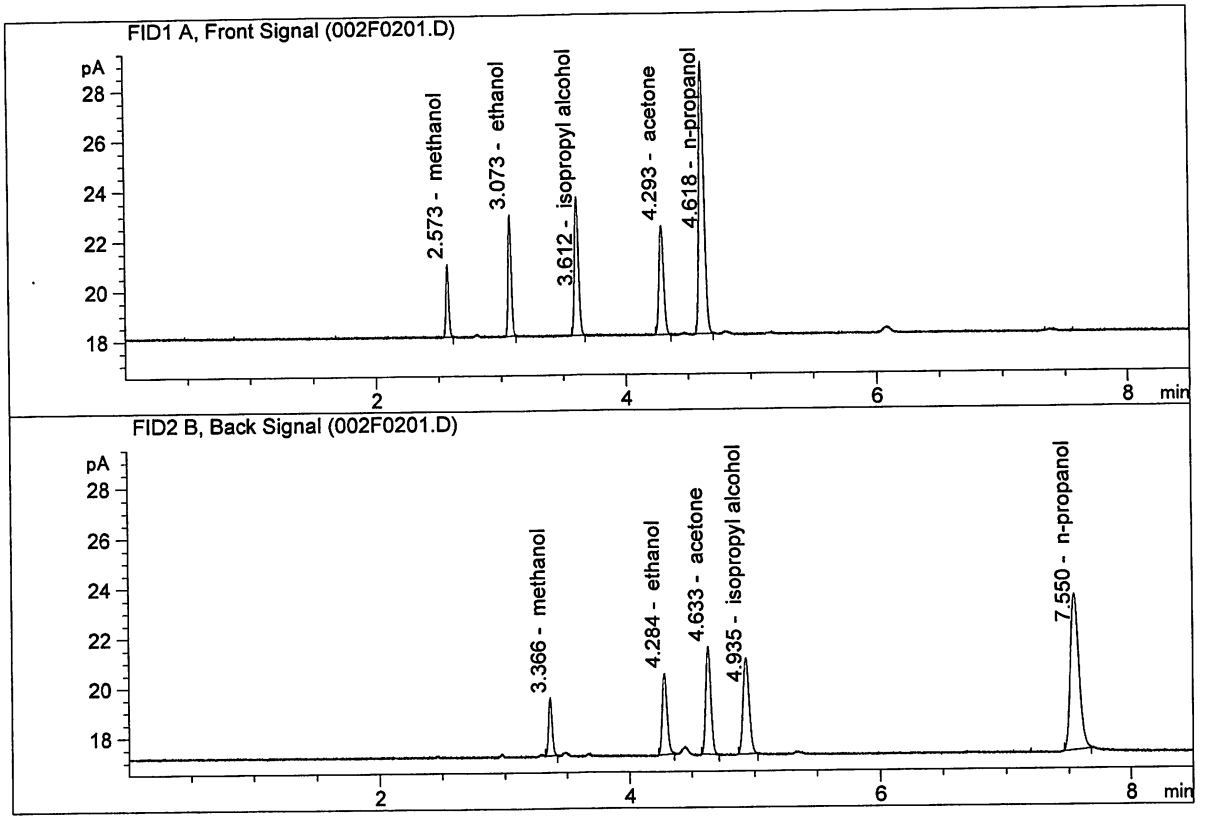


pound	Column	Area	Amount	Units
anol	Column 1:	0.00000	0.0000	g/100cc
anol	Column 2:	0.00000	0.0000	g/100cc
ropanol	Column 1:	40.19342	1.0000	g/100cc
ropanol	Column 2:	41.02648	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : MIX VOL FN09231404
Laboratory : Meridian
Injection Date : Aug 29, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	8.58572	0.1323	g/100cc
2.	Ethanol	Column 2:	8.66080	0.1288	g/100cc
3.	n-Propanol	Column 1:	30.28483	1.0000	g/100cc
4.	n-Propanol	Column 2:	30.33628	1.0000	g/100cc

JC

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1 **Analysis Date(s): 29 Aug 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0777	0.0753	0.0024	0.0765	0.0761	
(g/100cc)	0.0769	0.0748	0.0021	0.0758		

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
0.076	**0.072**	**0.080**	**0.004**

Reported Result

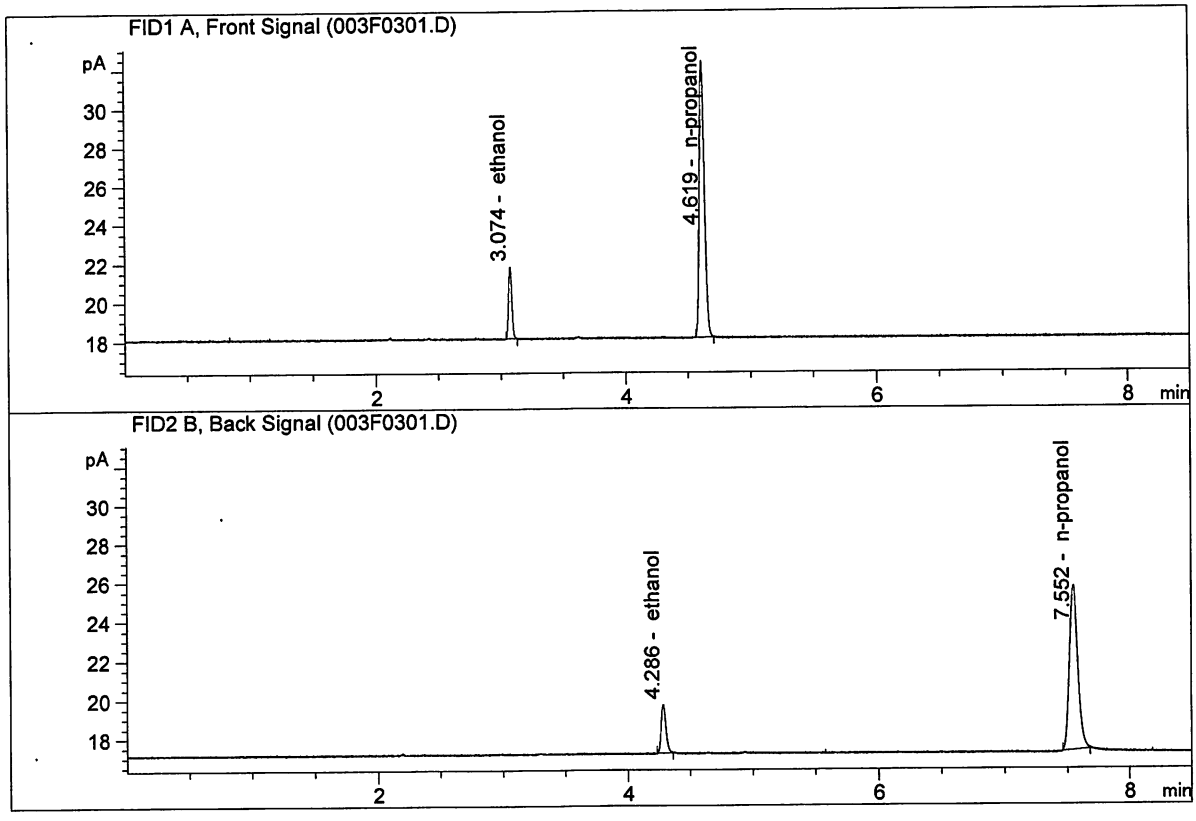
0.076

Calibration and control data are stored centrally.

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-A
Laboratory : Meridian
Injection Date : Aug 29, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

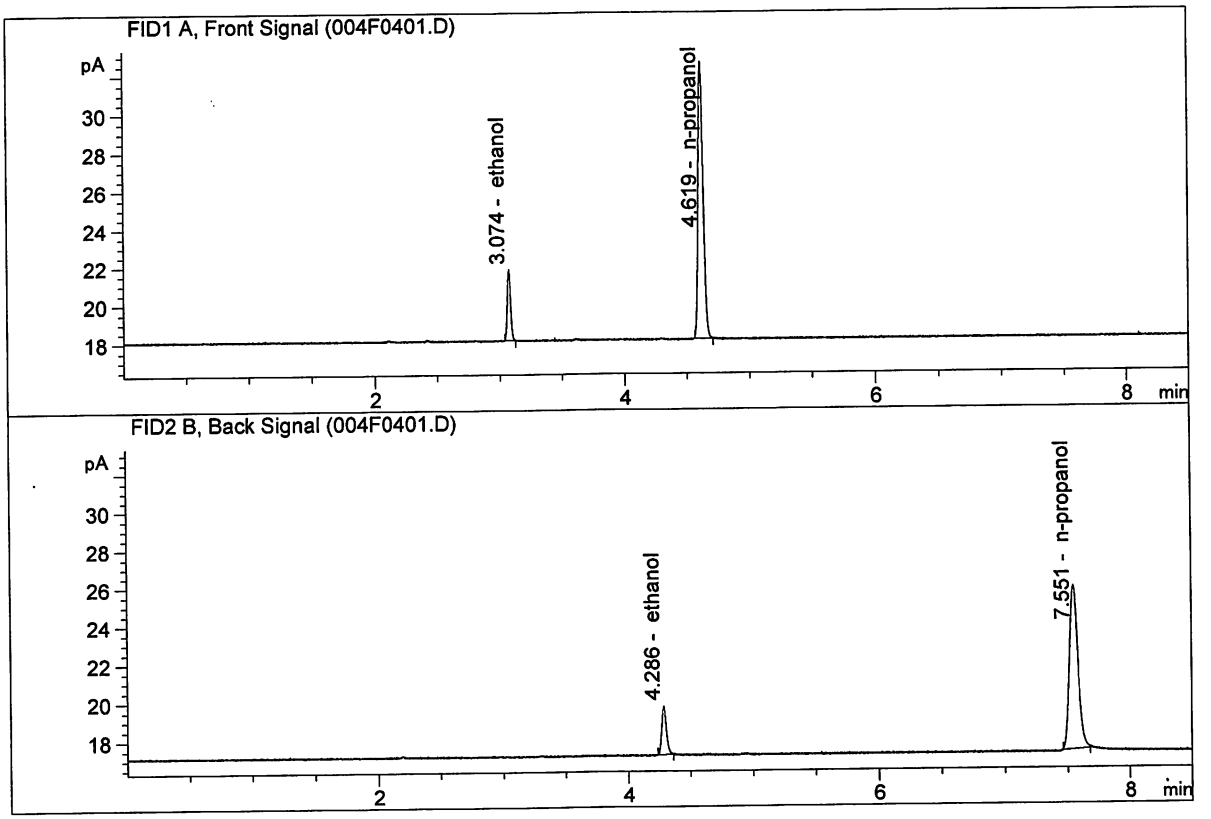


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.72816	0.0777	g/100cc
2.	Ethanol	Column 2:	6.79014	0.0753	g/100cc
3.	n-Propanol	Column 1:	40.38751	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.68248	1.0000	g/100cc

JL

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-B
Laboratory : Meridian
Injection Date : Aug 29, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.77015	0.0769	g/100cc
2.	Ethanol	Column 2:	6.84605	0.0748	g/100cc
3.	n-Propanol	Column 1:	41.05153	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.31373	1.0000	g/100cc

JG

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.08 FN10281510 **Analysis Date(s): 29 Aug 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0800	0.0772	0.0028	0.0786	0.0788	
(g/100cc)	0.0804	0.0777	0.0027	0.0790		

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

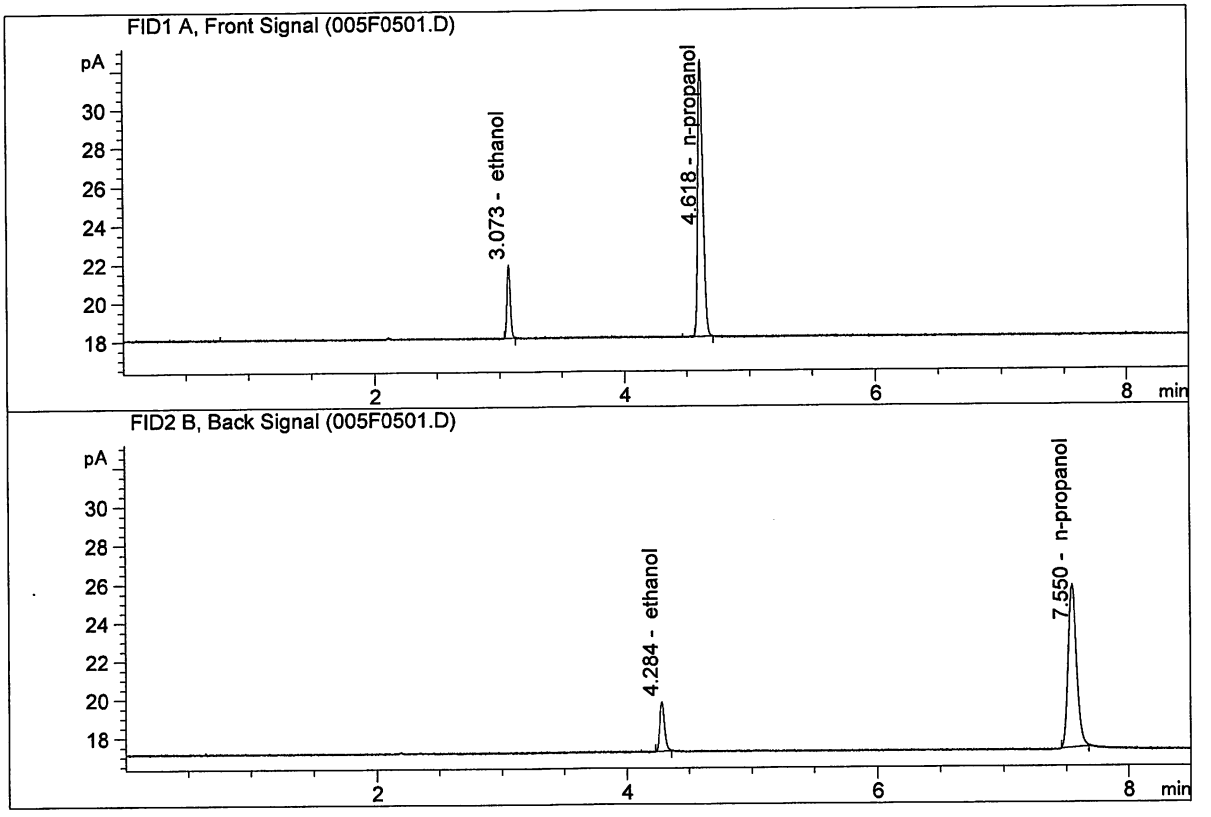
0.078

Calibration and control data are stored centrally.

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN10281510-A
Laboratory : Meridian
Injection Date : Aug 29, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

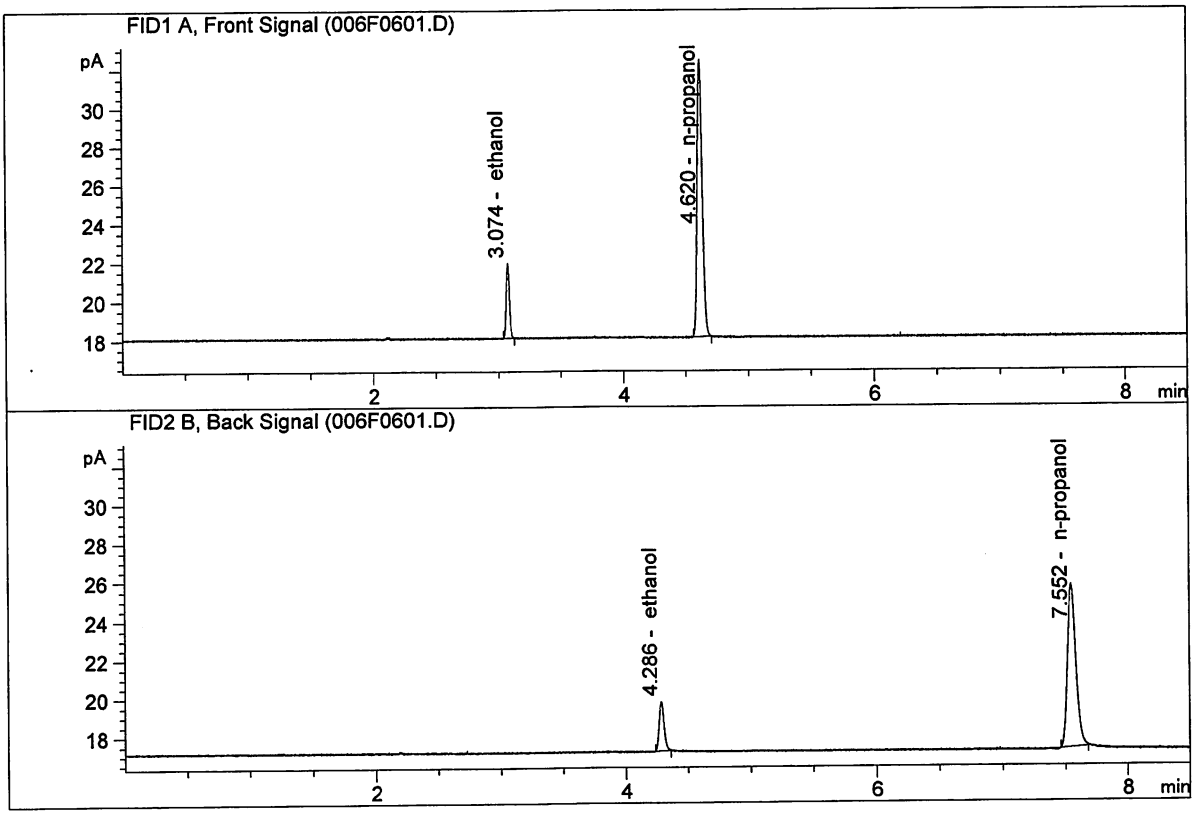


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.96945	0.0800	g/100cc
2.	Ethanol	Column 2:	6.99175	0.0772	g/100cc
3.	n-Propanol	Column 1:	40.63578	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.87132	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN10281510-B
Laboratory : Meridian
Injection Date : Aug 29, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.98144	0.0804	g/100cc
2.	Ethanol	Column 2:	7.01966	0.0777	g/100cc
3.	n-Propanol	Column 1:	40.52578	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.74835	1.0000	g/100cc

JG

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-2 **Analysis Date(s): 30 Aug 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0795	0.0778	0.0017	0.0786	0.0782	
(g/100cc)	0.0788	0.0768	0.0020	0.0778		

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

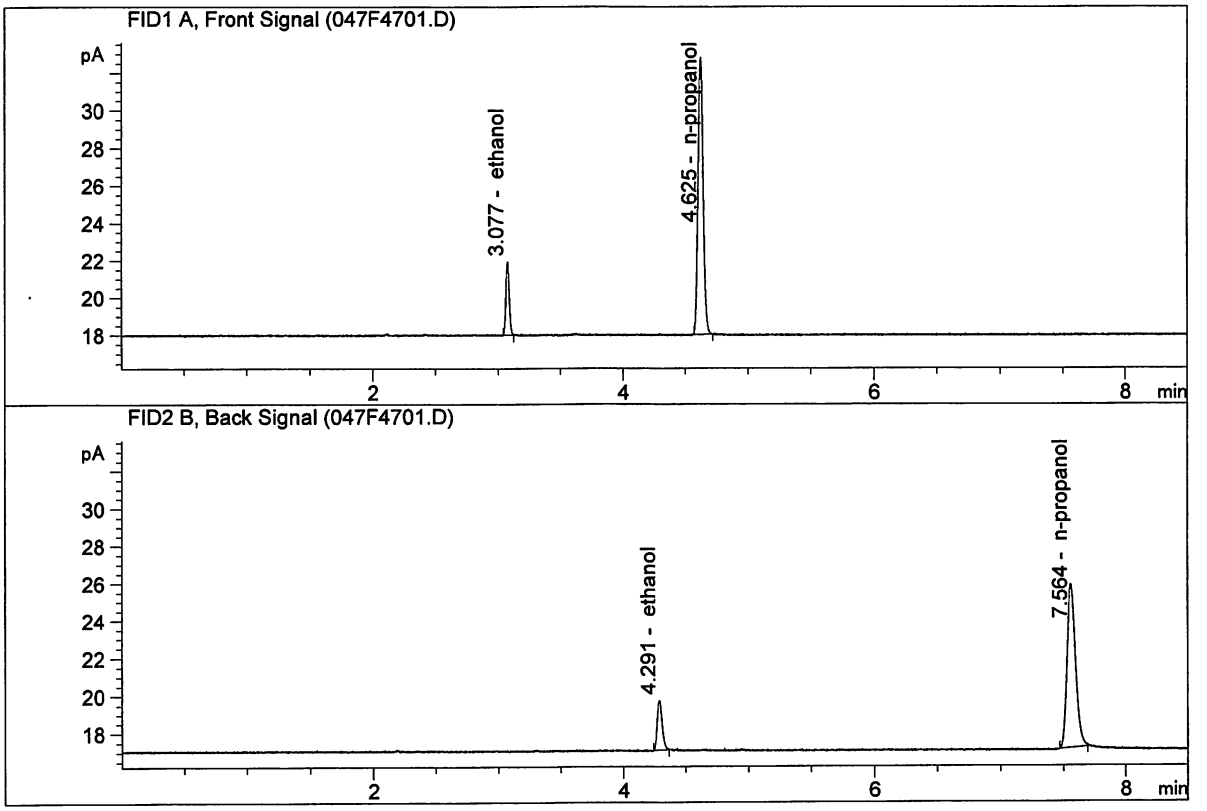
0.078

Calibration and control data are stored centrally.

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-A
Laboratory : Meridian
Injection Date : Aug 30, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

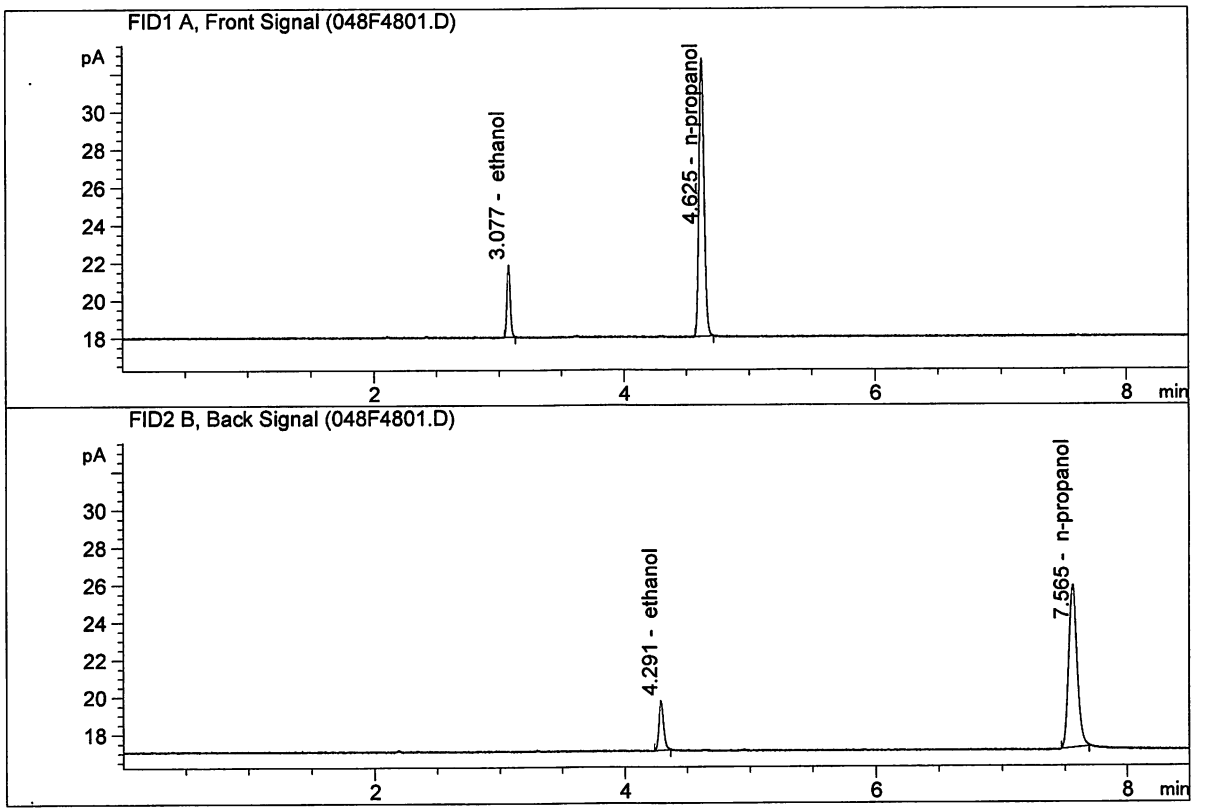


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.15647	0.0795	g/100cc
2.	Ethanol	Column 2:	7.27150	0.0778	g/100cc
3.	n-Propanol	Column 1:	41.97654	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.16544	1.0000	g/100cc

06

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-B
Laboratory : Meridian
Injection Date : Aug 30, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.07454	0.0788	g/100cc
2.	Ethanol	Column 2:	7.17012	0.0768	g/100cc
3.	n-Propanol	Column 1:	41.87594	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.12638	1.0000	g/100cc

JG

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-1 **Analysis Date(s): 29 Aug 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean
Sample Results	0.2001	0.1973	0.0028	0.1987	0.1992
(g/100cc)	0.2007	0.1988	0.0019	0.1997	

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

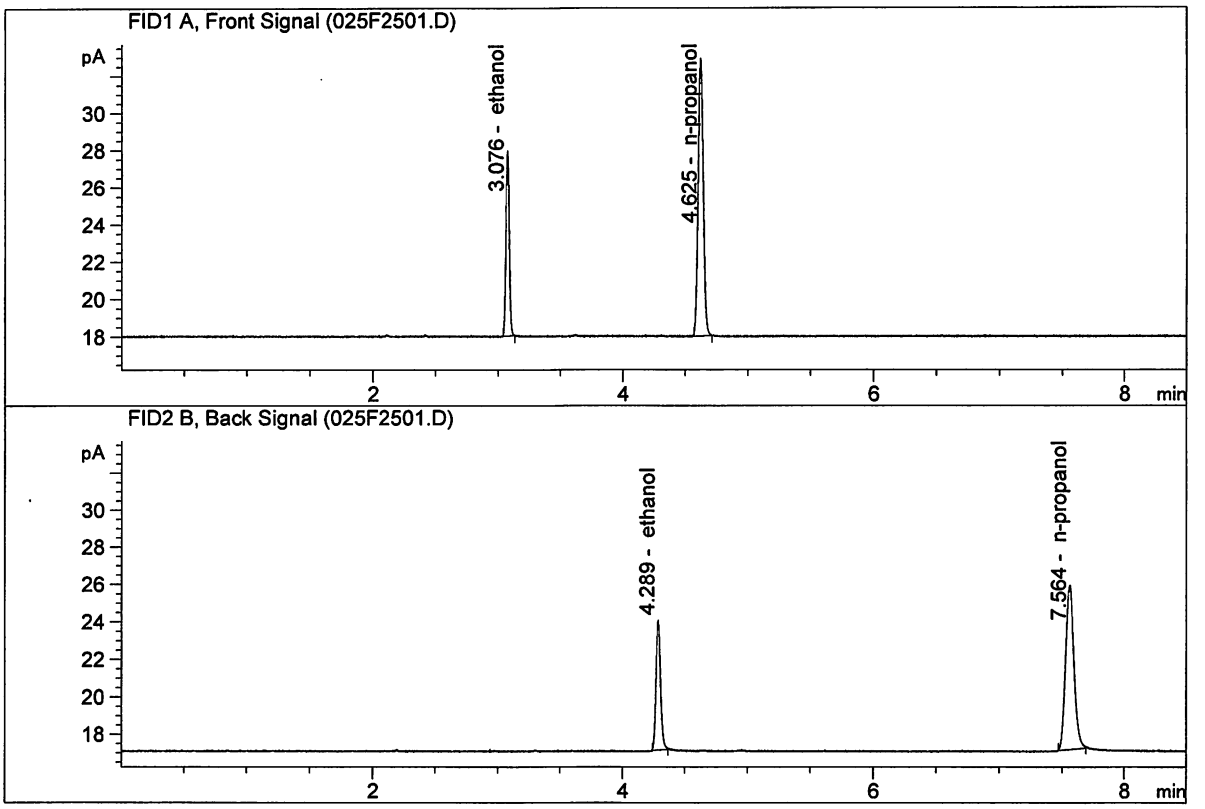
0.199

Calibration and control data are stored centrally.

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-A
Laboratory : Meridian
Injection Date : Aug 29, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

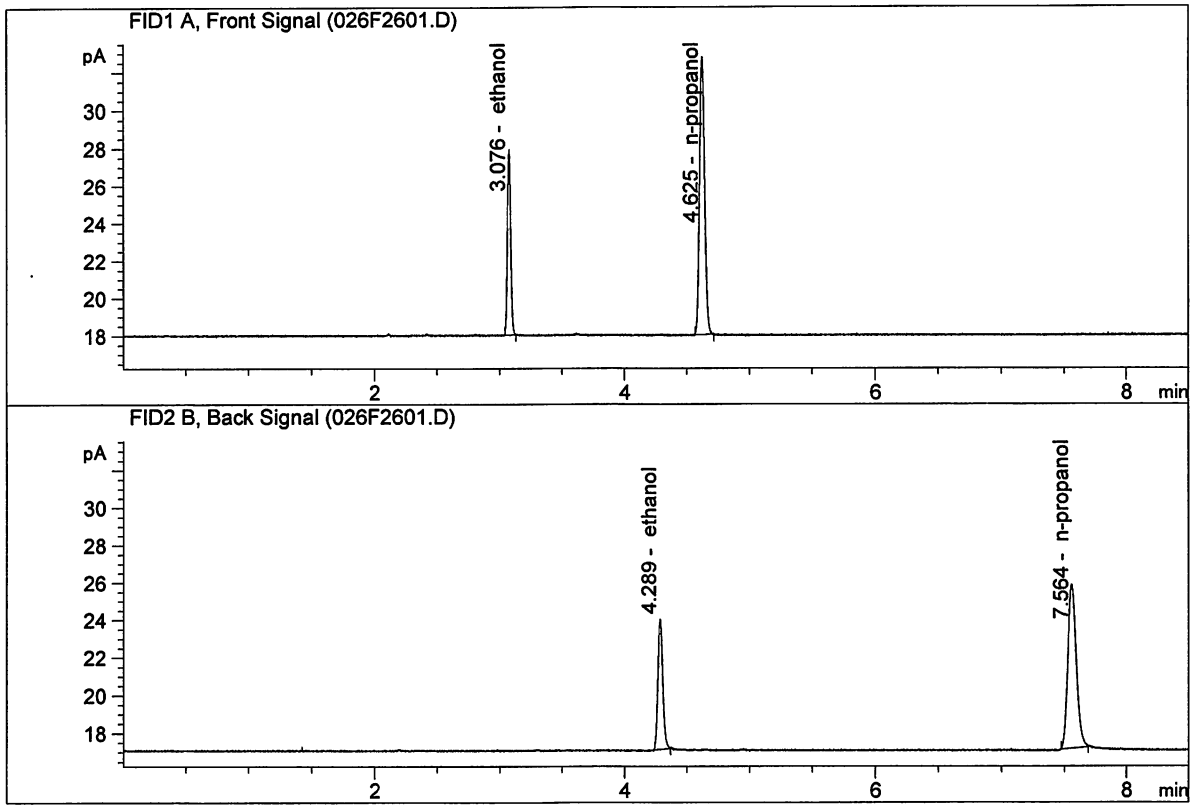


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.11455	0.2001	g/100cc
2.	Ethanol	Column 2:	18.57502	0.1973	g/100cc
3.	n-Propanol	Column 1:	42.23842	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.48337	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-B
Laboratory : Meridian
Injection Date : Aug 29, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.99554	0.2007	g/100cc
2.	Ethanol	Column 2:	18.50291	0.1988	g/100cc
3.	n-Propanol	Column 1:	41.82790	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.99880	1.0000	g/100cc

JG

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-2 **Analysis Date(s): 30 Aug 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.2067	0.2041	0.0026	0.2054	0.2077	
(g/100cc)	0.2111	0.2092	0.0019	0.2101		

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
0.207	**0.196**	**0.218**	**0.011**

Reported Result

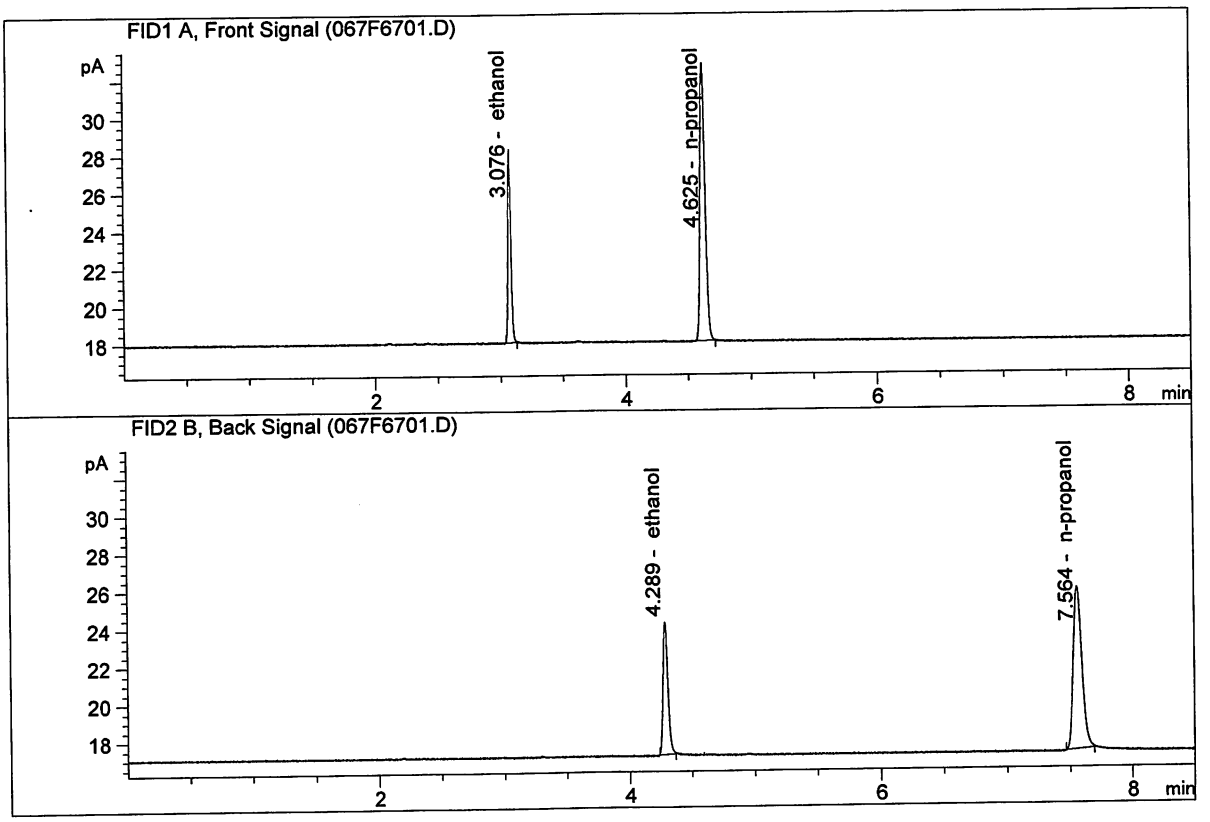
0.207

Calibration and control data are stored centrally.

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-2-A
Laboratory : Meridian
Injection Date : Aug 30, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

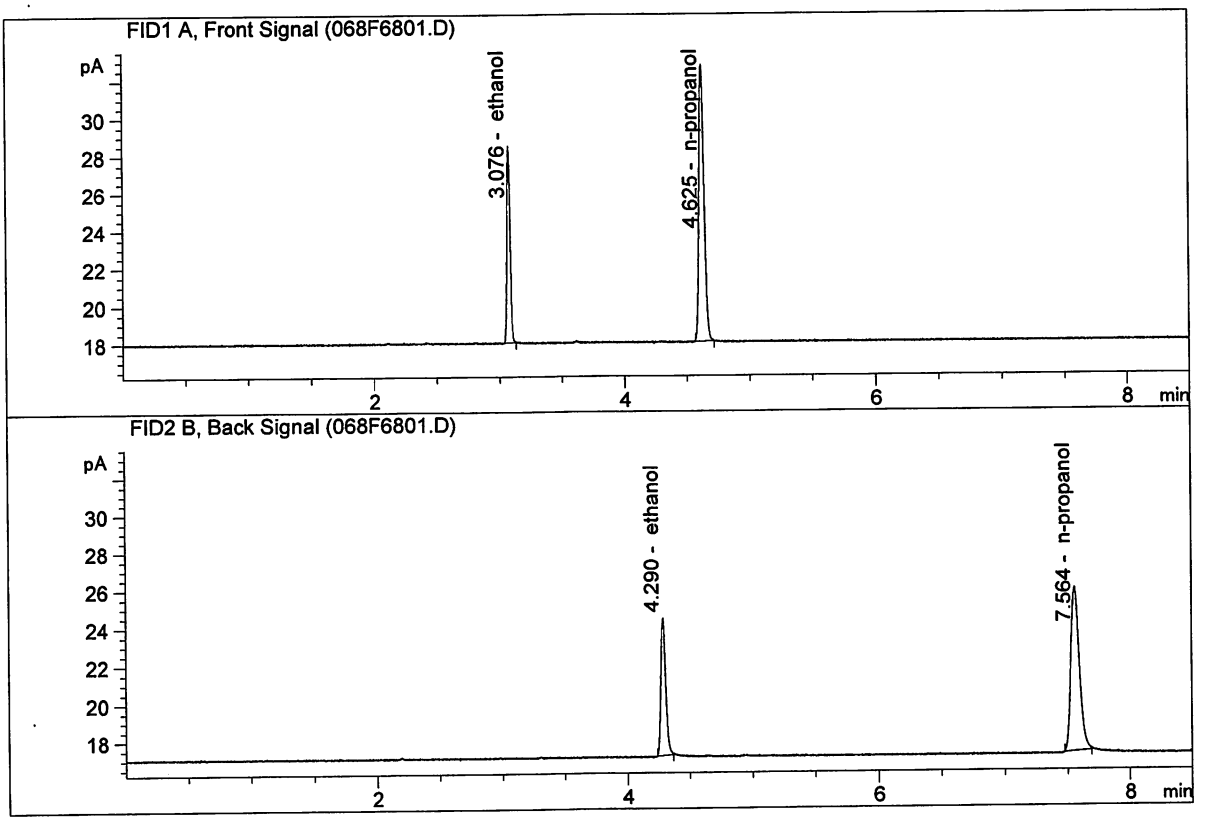


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.56285	0.2067	g/100cc
2.	Ethanol	Column 2:	19.06642	0.2041	g/100cc
3.	n-Propanol	Column 1:	41.89304	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.13986	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-2-B
Laboratory : Meridian
Injection Date : Aug 30, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

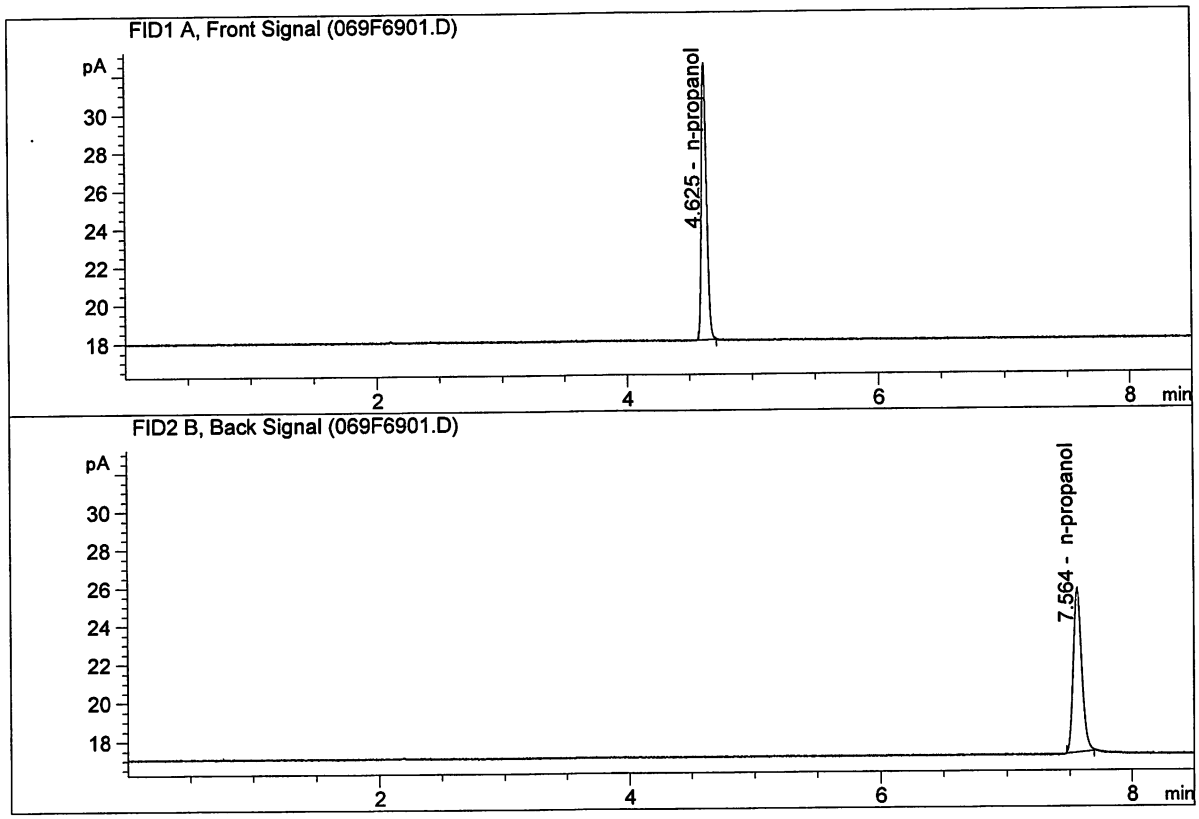


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.94870	0.2111	g/100cc
2.	Ethanol	Column 2:	19.42264	0.2092	g/100cc
3.	n-Propanol	Column 1:	41.87330	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.89679	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : Aug 30, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

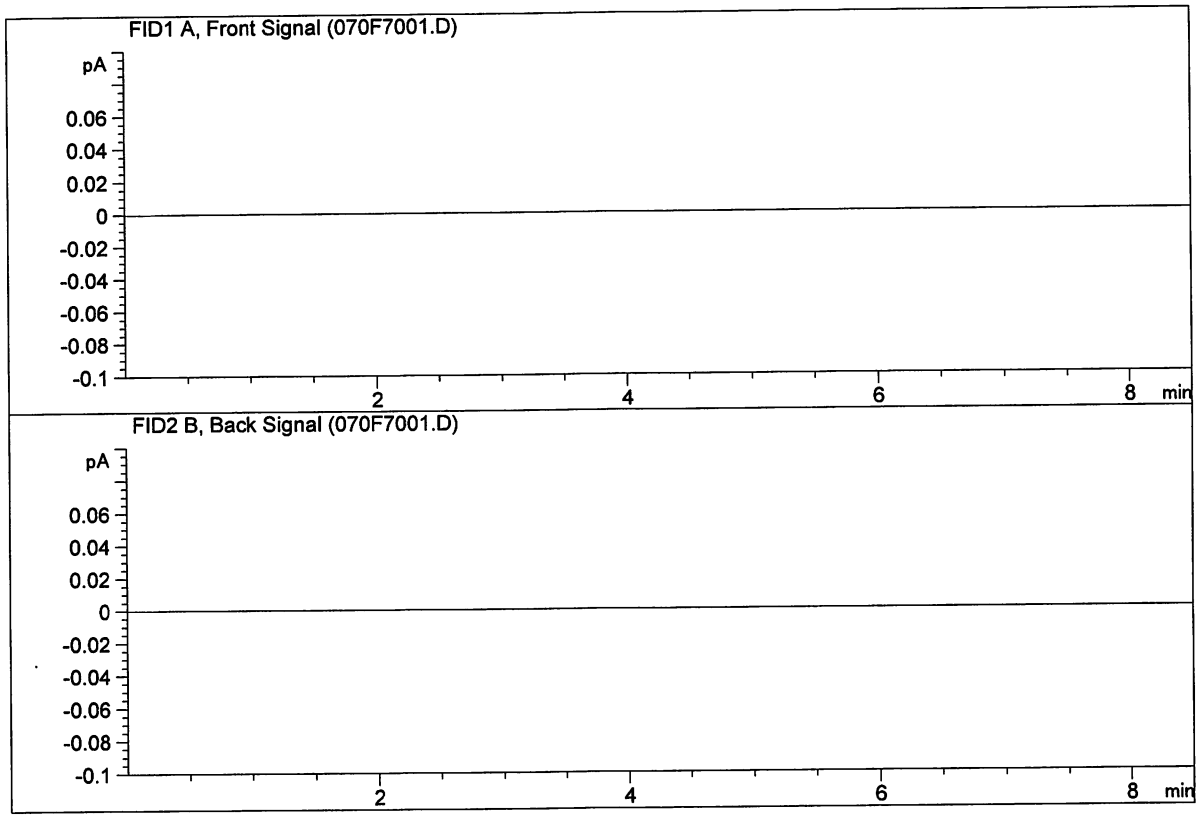


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	41.08007	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.25712	1.0000	g/100cc

JL

ISP Forensic Services Blood Alcohol Report

Sample Name : EMPTY
Laboratory : Meridian
Injection Date : Aug 30, 2017
Method : SHUTDOWN.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:	0.00000	0.0000	g/100cc
4.	n-Propanol	Column 2:	0.00000	0.0000	g/100cc

JG

Sequence File C:\Chem32\...7_SAMPLES\08-29-17_SAMPLES 2017-08-29 16-11-49\08-29-17_SAMPLES.S

Sample Summary

Sequence table: C:\Chem32\1\Data\08-29-17_SAMPLES\08-29-17_SAMPLES 2017-08-29 16-11-49\08-29-17_SAMPLES.S
Data directory path: C:\Chem32\1\Data\08-29-17_SAMPLES\08-29-17_SAMPLES 2017-08-29 16-11-49\
Logbook: C:\Chem32\1\Data\08-29-17_SAMPLES\08-29-17_SAMPLES 2017-08-29 16-11-49\08-29-17_SAMPLES.LOG
Sequence start: 8/29/2017 4:26:44 PM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\08-29-17_SAMPLES\08-29-17_SAMPLES 2017-08-29 16-11-49\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	P2017-1820-3-A	-	1.0000	007F0701.D		2
8	8	1	P2017-1820-3-B	-	1.0000	008F0801.D		2
9	9	1	M2017-3720-1-A	-	1.0000	009F0901.D		2
10	10	1	M2017-3720-1-B	-	1.0000	010F1001.D		2
11	11	1	M2017-3740-1-A	-	1.0000	011F1101.D		4
12	12	1	M2017-3740-1-B	-	1.0000	012F1201.D		4
13	13	1	M2017-3741-1-A	-	1.0000	013F1301.D		2
14	14	1	M2017-3741-1-B	-	1.0000	014F1401.D		2
15	15	1	M2017-3755-1-A	-	1.0000	015F1501.D		4
16	16	1	M2017-3755-1-B	-	1.0000	016F1601.D		4
17	17	1	M2017-3769-1-A	-	1.0000	017F1701.D		4
18	18	1	M2017-3769-1-B	-	1.0000	018F1801.D		4
19	19	1	M2017-3773-1-A	-	1.0000	019F1901.D		4
20	20	1	M2017-3773-1-B	-	1.0000	020F2001.D		4
21	21	1	M2017-3774-1-A	-	1.0000	021F2101.D		4
22	22	1	M2017-3774-1-B	-	1.0000	022F2201.D		4
23	23	1	M2017-3775-1-A	-	1.0000	023F2301.D		2
24	24	1	M2017-3775-1-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	M2017-3779-1-A	-	1.0000	027F2701.D		4
28	28	1	M2017-3779-1-B	-	1.0000	028F2801.D		4
29	29	1	M2017-3791-1-A	-	1.0000	029F2901.D		2
30	30	1	M2017-3791-1-B	-	1.0000	030F3001.D		2
31	31	1	M2017-3792-1-A	-	1.0000	031F3101.D		2
32	32	1	M2017-3792-1-B	-	1.0000	032F3201.D		2
33	33	1	M2017-3793-1-A	-	1.0000	033F3301.D		4
34	34	1	M2017-3793-1-B	-	1.0000	034F3401.D		4
35	35	1	M2017-3794-1-A	-	1.0000	035F3501.D		4
36	36	1	M2017-3794-1-B	-	1.0000	036F3601.D		4
37	37	1	M2017-3811-4-A	-	1.0000	037F3701.D		2
38	38	1	M2017-3811-4-B	-	1.0000	038F3801.D		2
39	39	1	M2017-3817-1-A	-	1.0000	039F3901.D		4
40	40	1	M2017-3817-1-B	-	1.0000	040F4001.D		4
41	41	1	M2017-3818-1-A	-	1.0000	041F4101.D		4
42	42	1	M2017-3818-1-B	-	1.0000	042F4201.D		4
43	43	1	M2017-3826-1-A	-	1.0000	043F4301.D		4

Sequence File C:\Chem32\...7_SAMPLES\08-29-17_SAMPLES 2017-08-29 16-11-49\08-29-17_SAMPLES.S

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal	# Cmp
44	44	1	M2017-3826-1-B	-	1.0000	044F4401.D		4
45	45	1	M2017-3831-1-A	-	1.0000	045F4501.D		4
46	46	1	M2017-3831-1-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	M2017-3832-1-A	-	1.0000	049F4901.D		4
50	50	1	M2017-3832-1-B	-	1.0000	050F5001.D		4
51	51	1	M2017-3833-1-A	-	1.0000	051F5101.D		2
52	52	1	M2017-3833-1-B	-	1.0000	052F5201.D		2
53	53	1	M2017-3834-1-A	-	1.0000	053F5301.D		4
54	54	1	M2017-3834-1-B	-	1.0000	054F5401.D		4
55	55	1	M2017-3868-3-A	-	1.0000	055F5501.D		4
56	56	1	M2017-3868-3-B	-	1.0000	056F5601.D		4
57	57	1	M2017-3870-1-A	-	1.0000	057F5701.D		4
58	58	1	M2017-3870-1-B	-	1.0000	058F5801.D		4
59	59	1	M2017-3871-1-A	-	1.0000	059F5901.D		2
60	60	1	M2017-3871-1-B	-	1.0000	060F6001.D		2
61	61	1	M2017-3880-1-A	-	1.0000	061F6101.D		4
62	62	1	M2017-3880-1-B	-	1.0000	062F6201.D		4
63	63	1	M2017-3884-1-A	-	1.0000	063F6301.D		4
64	64	1	M2017-3884-1-B	-	1.0000	064F6401.D		4
65	65	1	M2017-3885-1-A	-	1.0000	065F6501.D		4
66	66	1	M2017-3885-1-B	-	1.0000	066F6601.D		4
67	67	1	QC2-2-A	-	1.0000	067F6701.D		4
68	68	1	QC2-2-B	-	1.0000	068F6801.D		4
69	69	1	INTERNAL STD BLK	-	1.0000	069F6901.D		2

Method file name: C:\Chem32\1\Data\08-29-17_SAMPLES\08-29-17_SAMPLES 2017-08-29 16-11-49\SHUTDOWN.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal	# Cmp
70	70	1	EMPTY	-	1.0000	070F7001.D		0

Calibration Table

General Calibration Setting

Calib. Data Modified : 8/16/2017 4:51:52 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 : Forced
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
2.809	2	1	1.00000	4.26100	2.34687e-1	No	No	2	Acetaldehyde
2.977	1	1	1.00000	4.26100	2.34687e-1	No	No	2	Acetaldehyde
3.073	1	1	5.00000e-2	4.33282	1.15398e-2	No	No	1	ethanol
		2	1.00000e-1	8.61514	1.16075e-2				
		3	2.00000e-1	17.56094	1.13889e-2				
		4	3.00000e-1	26.18142	1.14585e-2				
		5	5.00000e-1	43.90987	1.13870e-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	4.42240	1.13061e-2	No	No	2	ethanol
		2	1.00000e-1	8.75870	1.14172e-2				
		3	2.00000e-1	18.00656	1.11071e-2				
		4	3.00000e-1	27.01361	1.11055e-2				
		5	5.00000e-1	45.88974	1.08957e-2				
4.308	1	1	1.00000	6.49940	1.53860e-1	No	No	1	acetone
4.617	1	1	1.00000	40.84912	2.44803e-2	No	Yes	1	n-propanol
		2	1.00000	40.62896	2.46130e-2				
		3	1.00000	41.12878	2.43139e-2				
		4	1.00000	40.60155	2.46296e-2				
		5	1.00000	40.96723	2.44098e-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
7.549	2	1	1.00000	41.64936	2.40100e-2	No	Yes	2	n-propanol
		2	1.00000	41.17005	2.42895e-2				
		3	1.00000	41.70383	2.39786e-2				
		4	1.00000	40.76796	2.45291e-2				
		5	1.00000	41.10634	2.43271e-2				

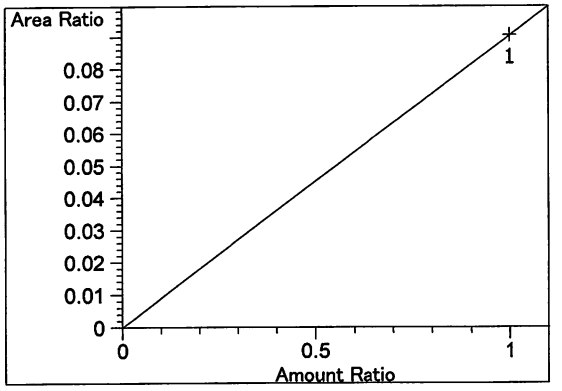
Peak Sum Table

No Entries in table

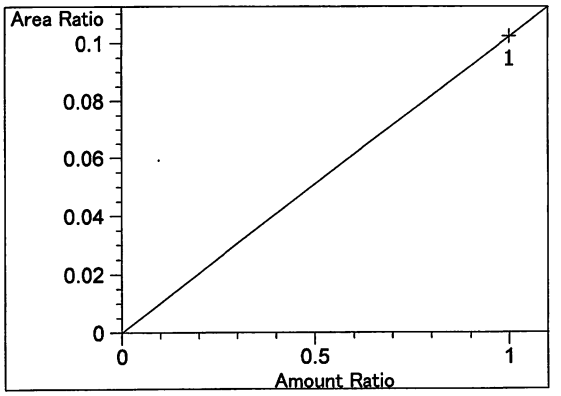
1 Warnings or Errors :

Warning : Overlapping peak time windows at 2.977 min, signal 1

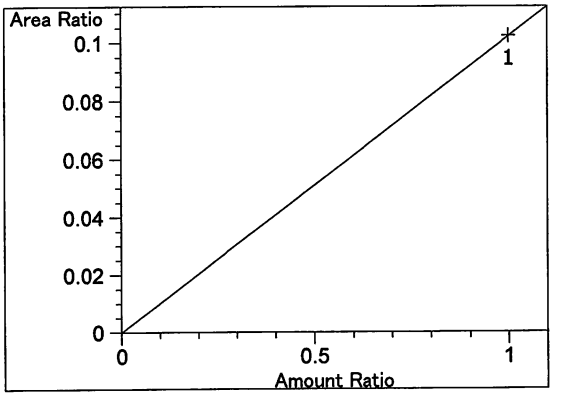
Calibration Curves



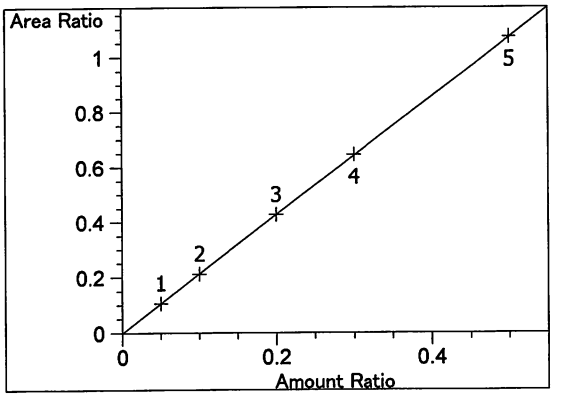
methanol at exp. RT: 2.586
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 9.04963e-2
x: Amount Ratio
y: Area Ratio



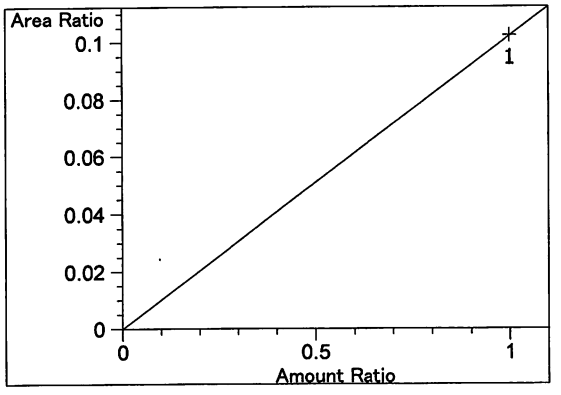
Acetaldehyde at exp. RT: 2.809
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.02306e-1
x: Amount Ratio
y: Area Ratio



Acetaldehyde at exp. RT: 2.977
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.02306e-1
x: Amount Ratio
y: Area Ratio

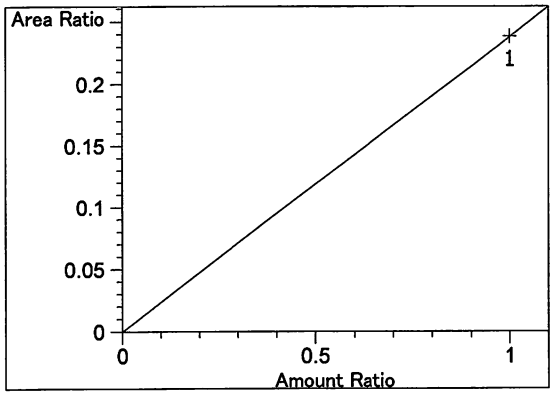


ethanol at exp. RT: 3.073
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00178
Formula: y = mx
m: 2.14336
x: Amount Ratio
y: Area Ratio

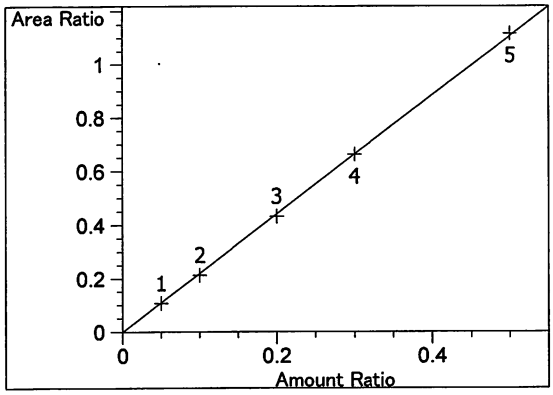


methanol at exp. RT: 3.388
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.02297e-1
x: Amount Ratio
y: Area Ratio

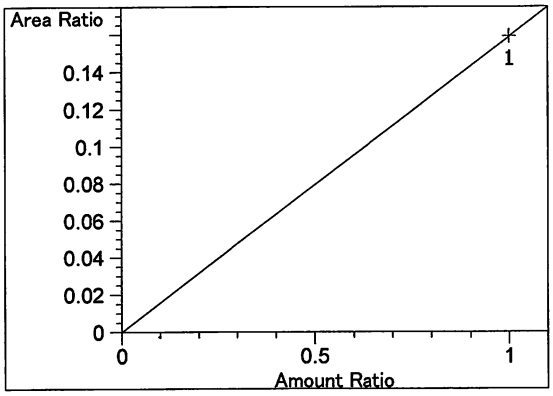
JC



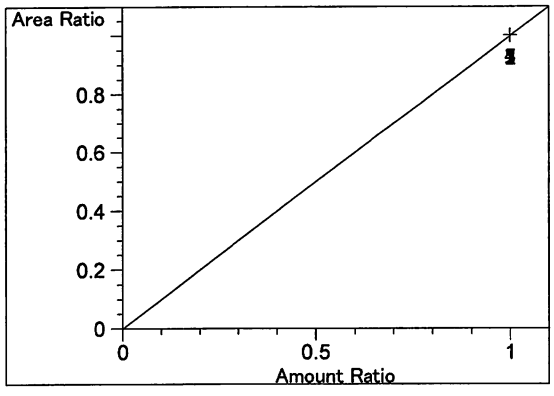
isopropyl alcohol at exp. RT: 3.628
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 2.38207e-1
x: Amount Ratio
y: Area Ratio



ethanol at exp. RT: 4.285
FID2 B, Back Signal
Correlation: 0.99992
Residual Std. Dev.: 0.00873
Formula: y = mx
m: 2.21632
x: Amount Ratio
y: Area Ratio

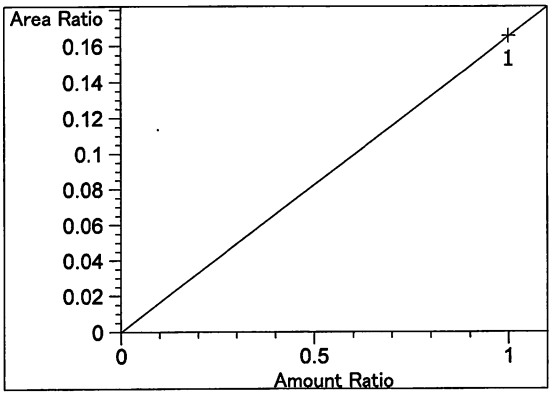


acetone at exp. RT: 4.308
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.59108e-1
x: Amount Ratio
y: Area Ratio

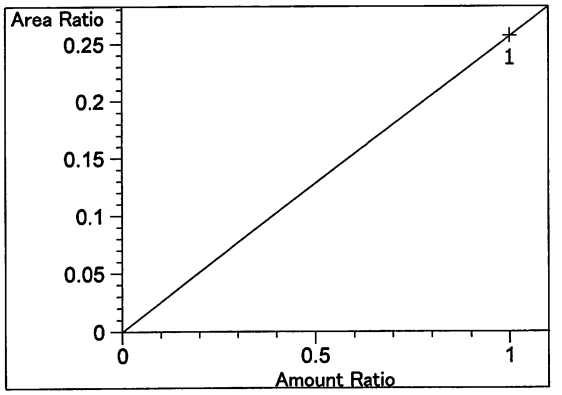


n-propanol at exp. RT: 4.617
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.00000
x: Amount Ratio
y: Area Ratio

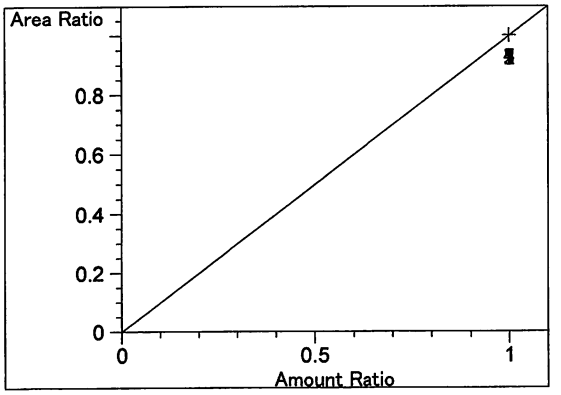
JL



acetone at exp. RT: 4.661
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.65501e-1
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
m: 2.57061e-1
x: Amount Ratio
y: Area Ratio



n-propanol at exp. RT: 7.549
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.00000
x: Amount Ratio
y: Area Ratio

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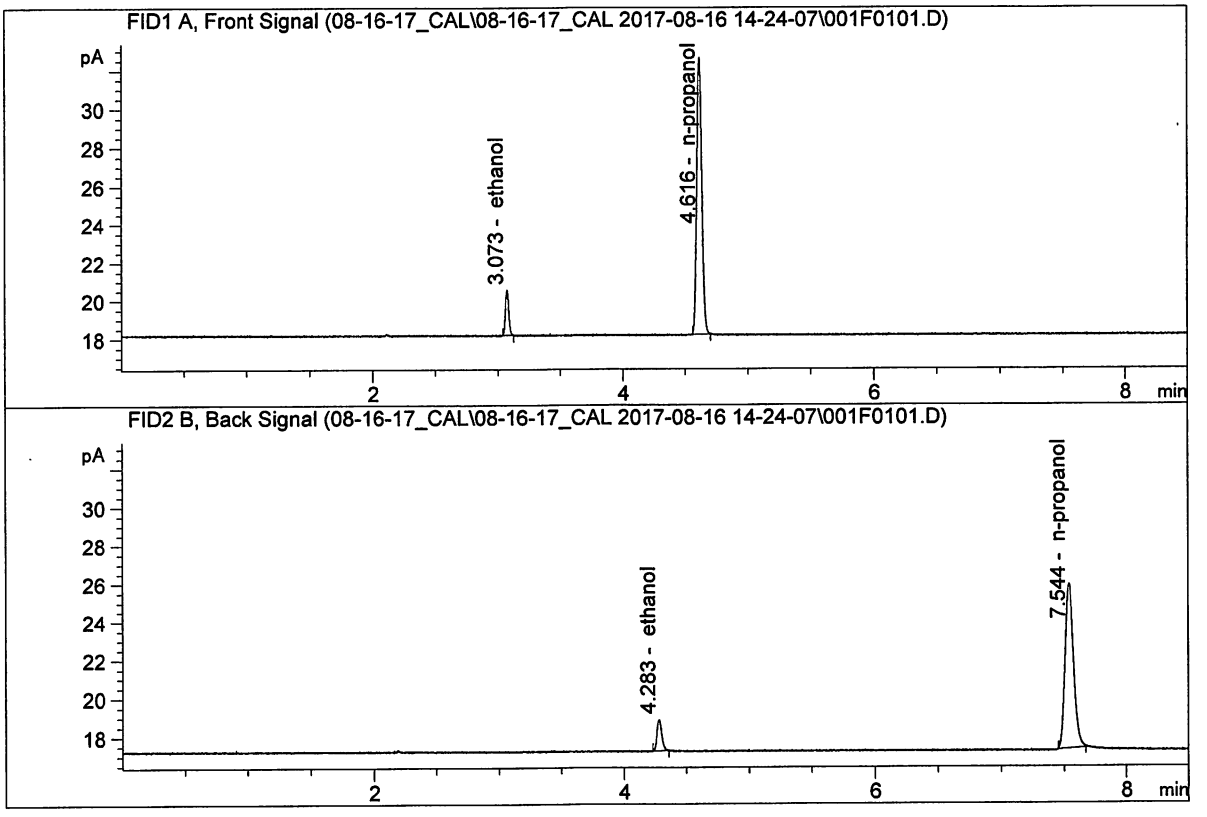
JC

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.050 FN06231406
Laboratory : Meridian
Injection Date : Aug 16, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

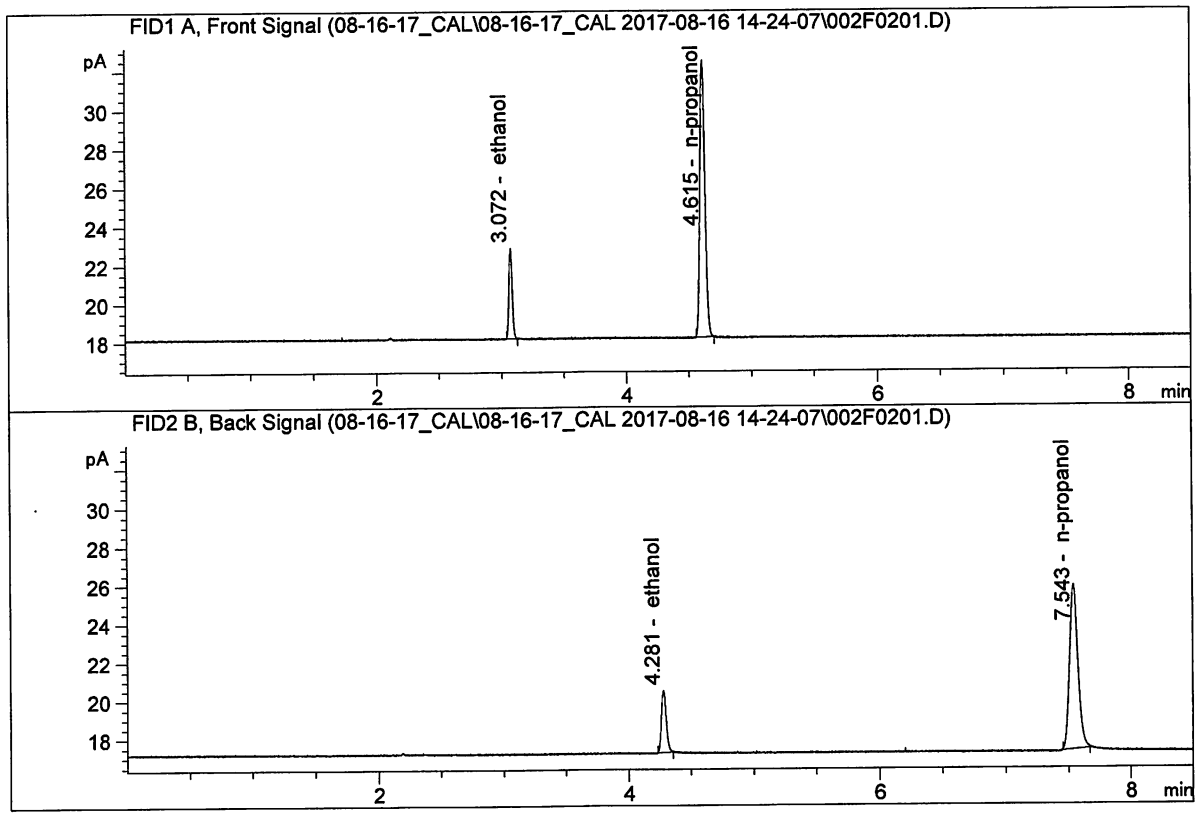


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	4.33282	0.0495	g/100cc
2.	Ethanol	Column 2:	4.42240	0.0479	g/100cc
3.	n-Propanol	Column 1:	40.84912	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.64936	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.100 FN06181501
Laboratory : Meridian
Injection Date : Aug 16, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

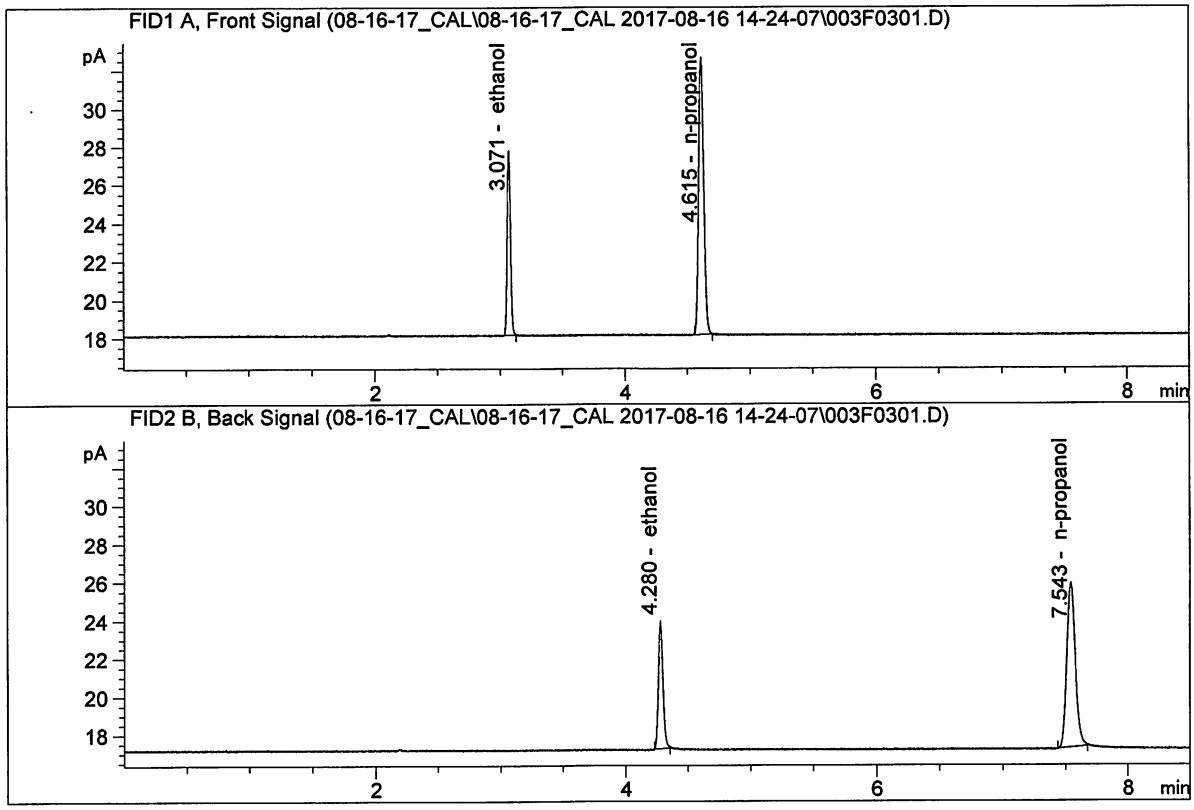


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	8.61514	0.0989	g/100cc
2.	Ethanol	Column 2:	8.75870	0.0960	g/100cc
3.	n-Propanol	Column 1:	40.62896	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.17005	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.200 FN07201502
Laboratory : Meridian
Injection Date : Aug 16, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

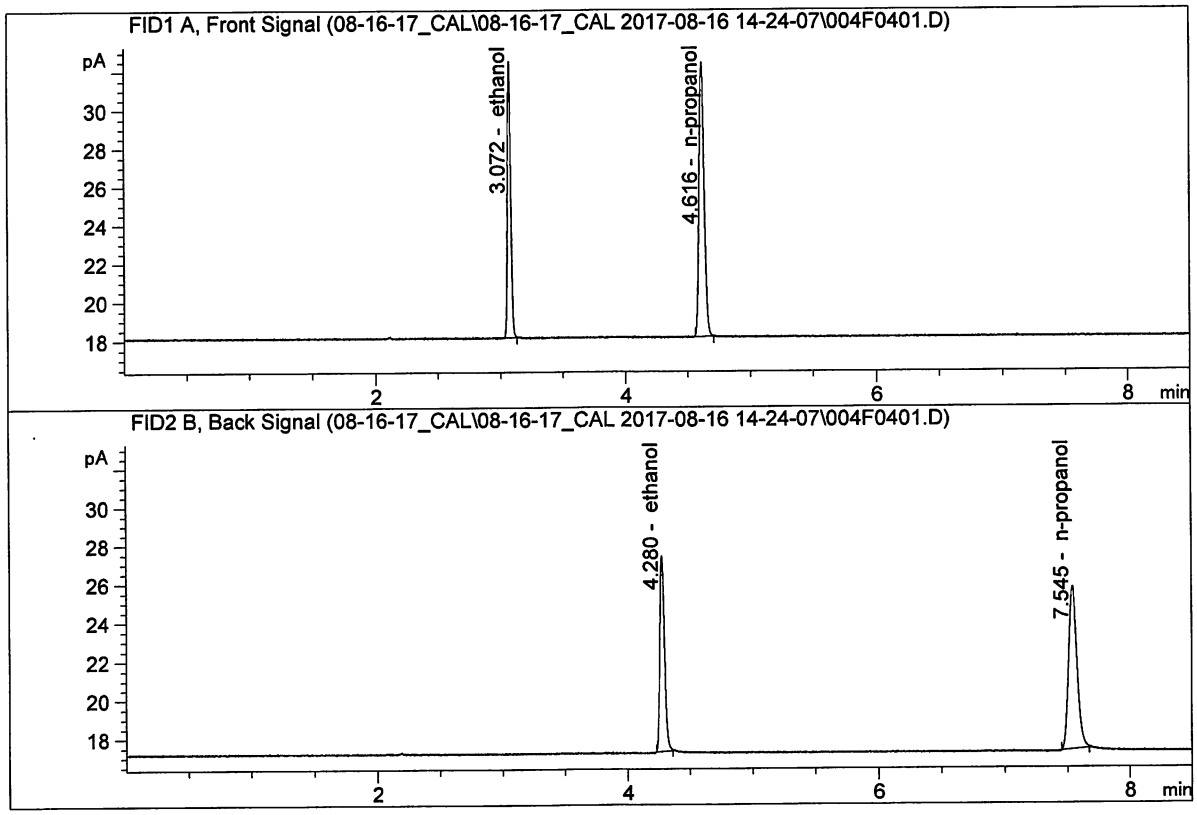


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.56094	0.1992	g/100cc
2.	Ethanol	Column 2:	18.00656	0.1948	g/100cc
3.	n-Propanol	Column 1:	41.12878	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.70383	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.300 FN02121601
Laboratory : Meridian
Injection Date : Aug 16, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

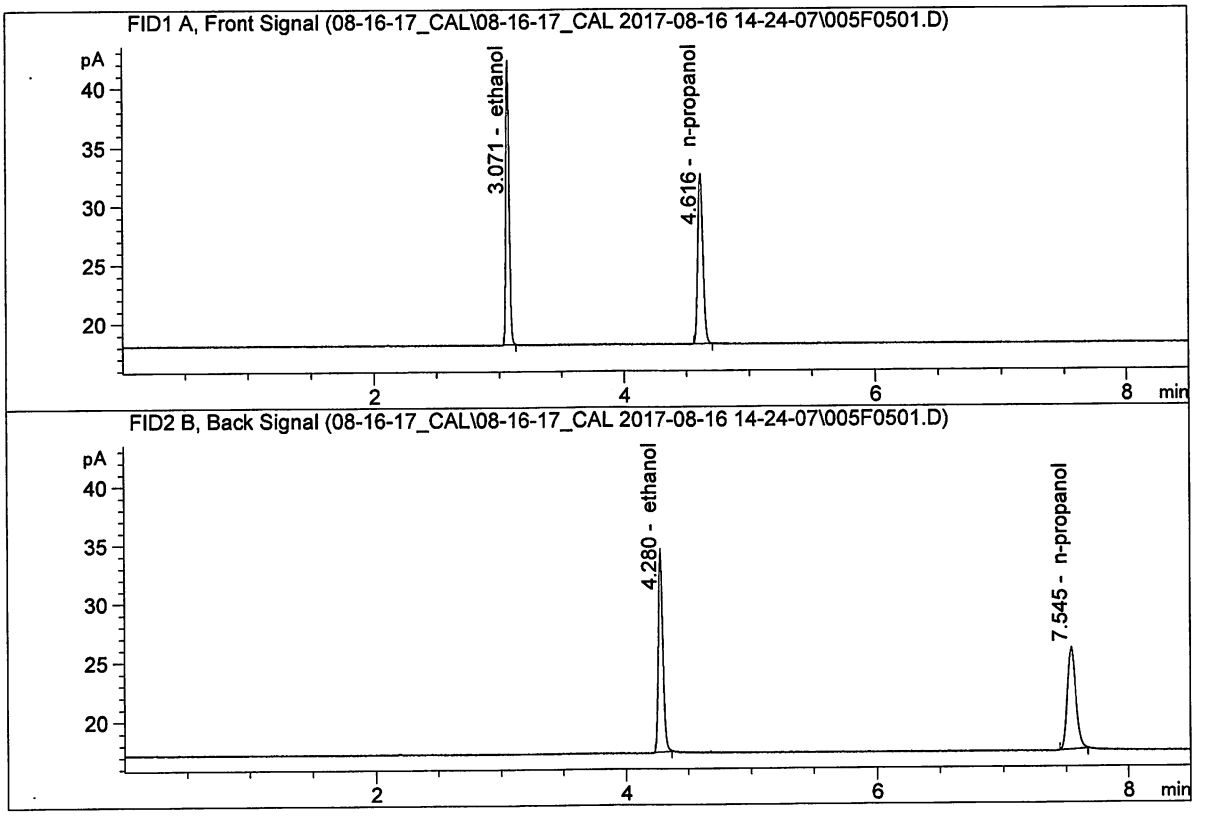


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	26.18142	0.3009	g/100cc
2.	Ethanol	Column 2:	27.01361	0.2990	g/100cc
3.	n-Propanol	Column 1:	40.60155	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.76796	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.500 FN07031402
Laboratory : Meridian
Injection Date : Aug 16, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

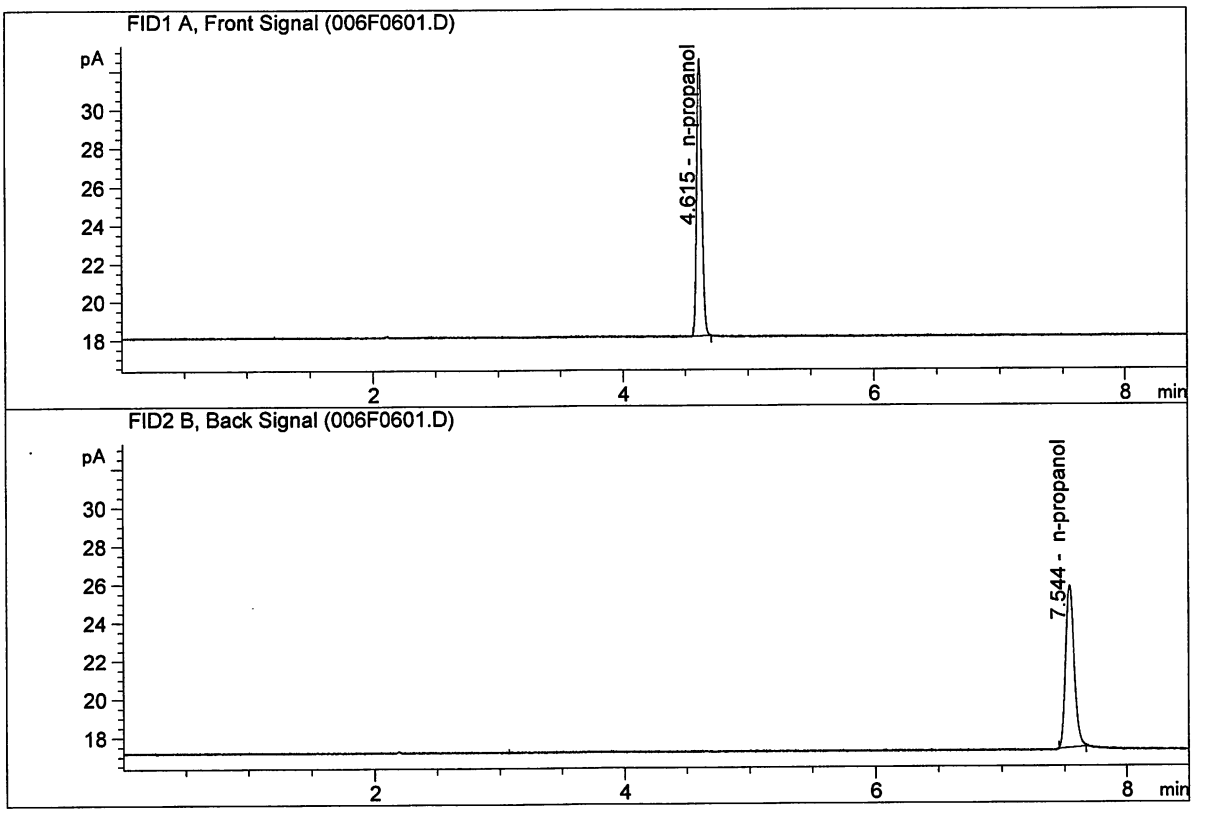


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	43.90987	0.5001	g/100cc
2.	Ethanol	Column 2:	45.88974	0.5037	g/100cc
3.	n-Propanol	Column 1:	40.96723	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.10634	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STANDARD BLANK
Laboratory : Meridian
Injection Date : Aug 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:	40.90289	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.19522	1.0000	g/100cc

Sequence File C:\Chem32\1\Data\08-16-17_CAL\08-16-17_CAL 2017-08-16 14-24-07\08-16-17_CAL.S

Sample Summary

Sequence table: C:\Chem32\1\Data\08-16-17_CAL\08-16-17_CAL 2017-08-16 14-24-07\08-16-17_CAL.S
Data directory path: C:\Chem32\1\Data\08-16-17_CAL\08-16-17_CAL 2017-08-16 14-24-07\
Logbook: C:\Chem32\1\Data\08-16-17_CAL\08-16-17_CAL 2017-08-16 14-24-07\08-16-17_CAL.LOG
Sequence start: 8/16/2017 2:38:43 PM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\08-16-17_CAL\08-16-17_CAL 2017-08-16 14-24-07\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

New master method saved.

~~C:\Chem32\~~ JC C:\Chem32\1\methods\alcohol.m

Calibration data updated 8/16/17

JC

JC