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): 03/29/2017-03/30/2017**

Calibration Date: 03/22/2017

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jul-18	1407031	0.0780	0.0702 - 0.0858	0.0802 g/100cc
					0.0809 g/100cc
					g/100cc
Level 2	Jul-18	1407032	0.2020	0.1818 - 0.2222	0.2071 g/100cc
					0.2087 g/100cc

Multi-Component Mixture	**Exp: Oct 2019**	**Lot #**	FN09231404		OK
Curve Fit:		**Column 1**	1.00000	**Column 2**	0.99982

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	0.0506	0.0538	0.0032	0.0522
0.080			0.080	0.072 - 0.088			0	#DIV/0!
0.100	Jun-20	FN06181501	0.100	0.090 - 0.110	0.0995	0.0998	0.0003	0.0996
0.200	Oct-20	FN07201502	0.200	0.180 - 0.220	0.2000	0.1972	0.0028	0.1986
0.300	Jun-20	FN06051501	0.300	0.270 - 0.330	0.2995	0.2962	0.0033	0.2978
0.400			0.400	0.360 - 0.440			0	#DIV/0!
0.500	Aug-19	FN07031402	0.500	0.450 - 0.550	0.5003	0.5031	0.0028	0.5017

Aqueous Controls

Control level	Expiration	Cerilliant Lot #	Target Value	Acceptable Range	Overall Results
0.080	Nov-20	FN10281510	0.08000	0.076 - 0.084	0.083 g/100cc

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

JG

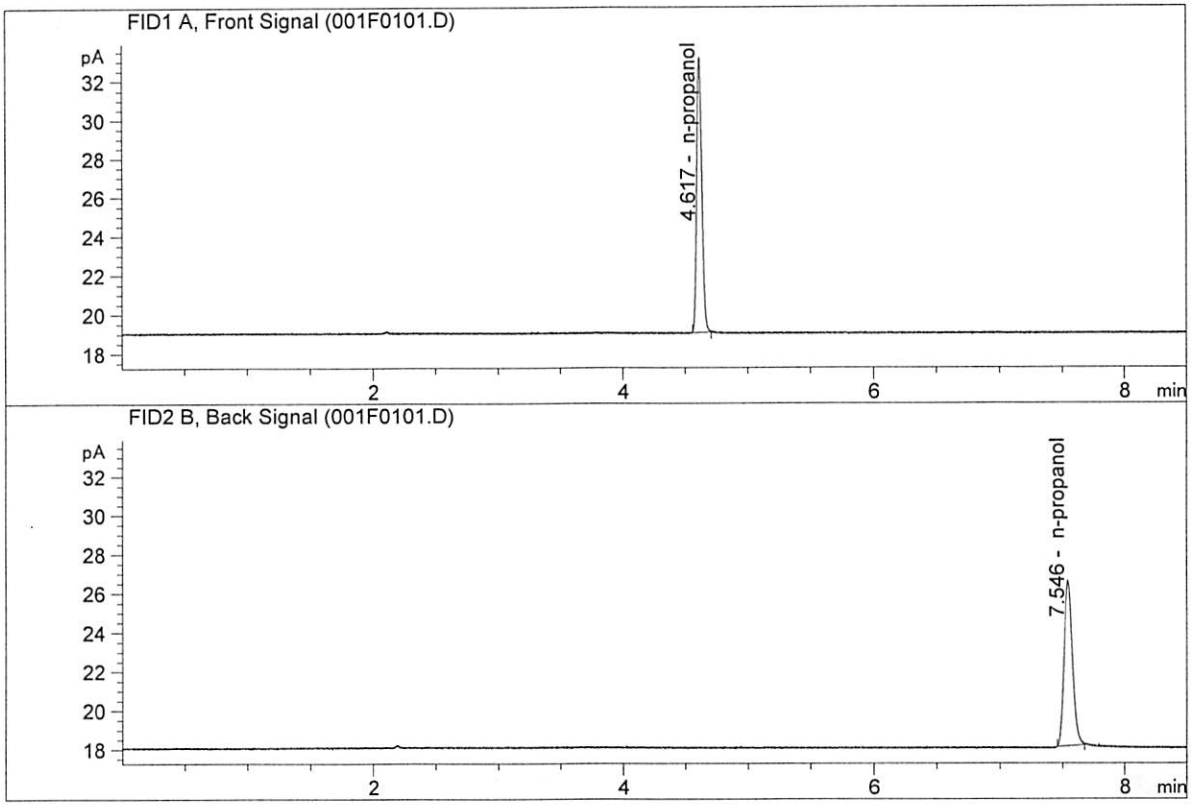
Worklist: 1636

LAB_CASE	ITEM	TASK_ID	DESCRIPTION
C2017-0428	1	80721	Alcohol Analysis
M2016-4432	1	80087	Alcohol Analysis
M2017-1204	1	79653	Alcohol Analysis
M2017-1209	1	79704	Alcohol Analysis
M2017-1209	2	79708	Alcohol Analysis
M2017-1209	3	79710	Alcohol Analysis
M2017-1222	1	79793	Alcohol Analysis
M2017-1223	1	79794	Alcohol Analysis
M2017-1224	1	79801	Alcohol Analysis
M2017-1225	1	79802	Alcohol Analysis
M2017-1226	1	79803	Alcohol Analysis
M2017-1250	1	79900	Alcohol Analysis
M2017-1251	1	79901	Alcohol Analysis
M2017-1274	1	79942	Alcohol Analysis
M2017-1280	1	79988	Alcohol Analysis
M2017-1300	1	80062	Alcohol Analysis
M2017-1301	1	80066	Alcohol Analysis
M2017-1302	1	80070	Alcohol Analysis
M2017-1312	1	80092	Alcohol Analysis
M2017-1314	1	80101	Alcohol Analysis

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK 1
Laboratory : Meridian
Injection Date : Mar 29, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

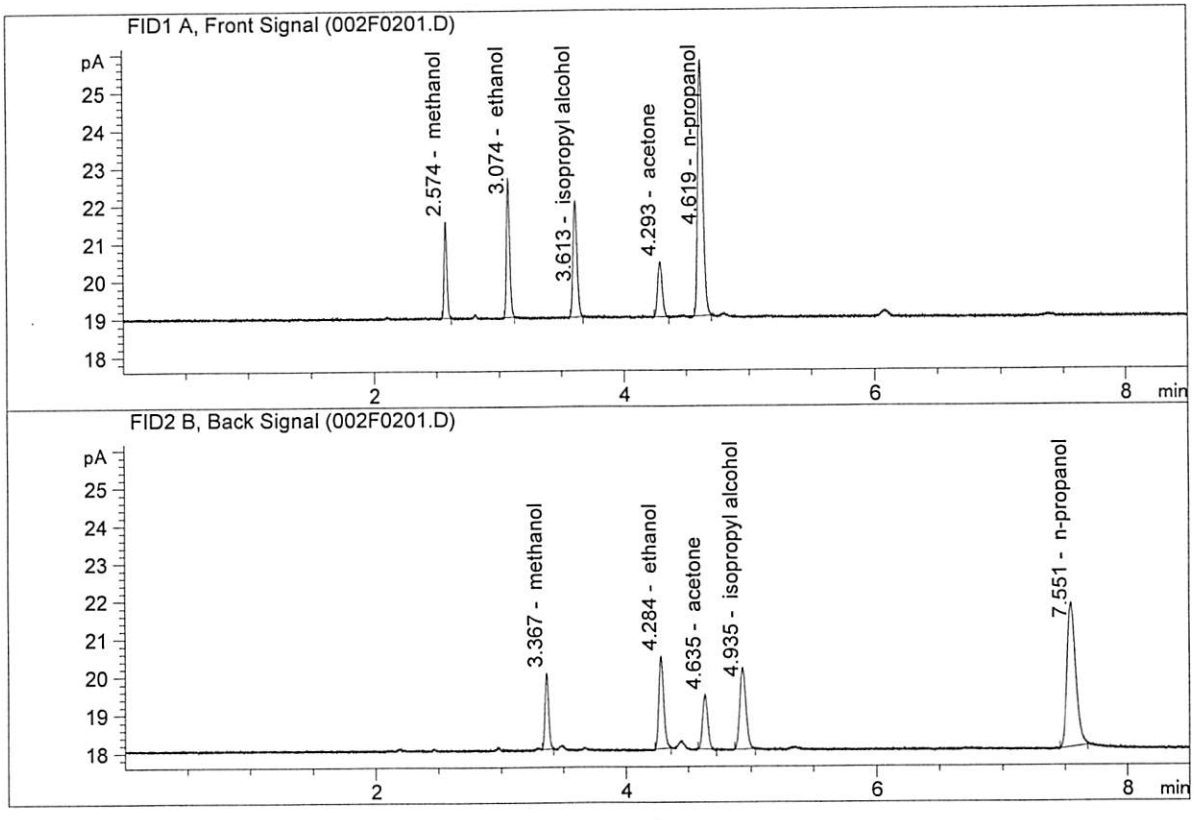


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	40.29493	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.45496	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

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



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.54248	0.1616	g/100cc
2.	Ethanol	Column 2:	6.50380	0.1636	g/100cc
3.	n-Propanol	Column 1:	19.08684	1.0000	g/100cc
4.	n-Propanol	Column 2:	18.37131	1.0000	g/100cc

JG

VOLATILES DETERMINATION CASEFILE WORKSHEET

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

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0795	0.0810	0.0015	0.0802	0.0802	
(g/100cc)	0.0794	0.0809	0.0015	0.0801		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument method is stored centrally.*

Refer to Instrument Method: ALCOHOL.M
Hamilton Auto-Dilutor Serial Number:
MD96BC1382/MD94AM10010

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

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

Reported Result

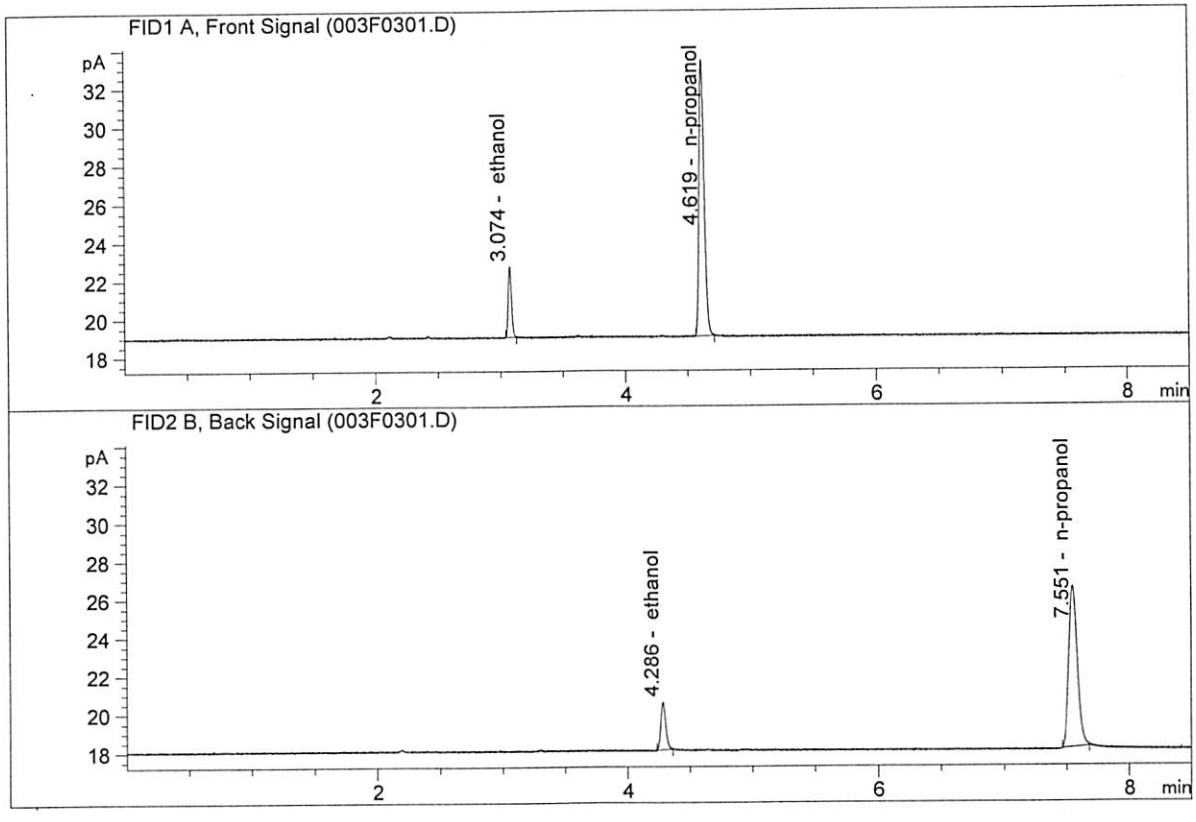
0.080

Calibration and control data are stored centrally.

JG

ISP Forensic Services Blood Alcohol Report

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

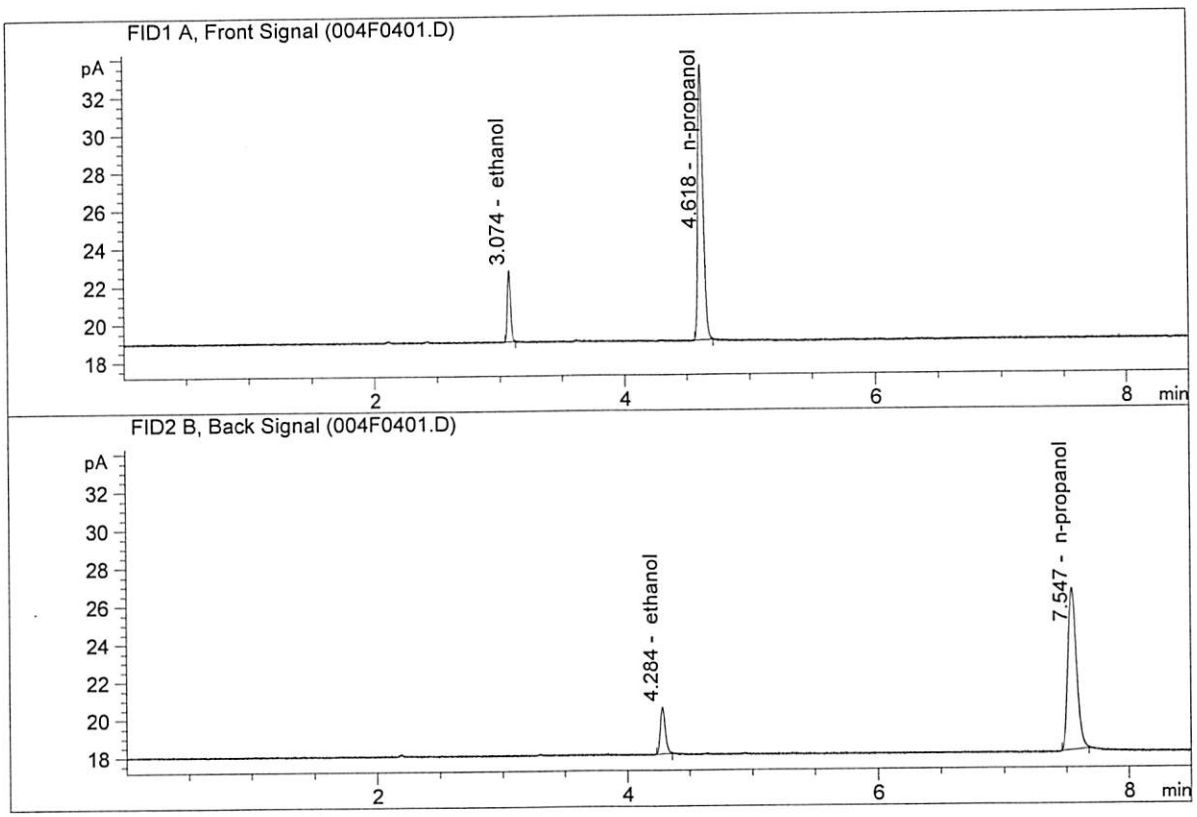


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.82062	0.0795	g/100cc
2.	Ethanol	Column 2:	6.69954	0.0810	g/100cc
3.	n-Propanol	Column 1:	40.84058	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.34391	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

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



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.90799	0.0794	g/100cc
2.	Ethanol	Column 2:	6.76315	0.0809	g/100cc
3.	n-Propanol	Column 1:	41.38424	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.77488	1.0000	g/100cc

JG

VOLATILES DETERMINATION CASEFILE WORKSHEET

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

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean
Sample Results	0.0821	0.0839	0.0018	0.0830	0.0834
(g/100cc)	0.0835	0.0844	0.0009	0.0839	

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
0.083	0.078	0.088	0.005

Reported Result

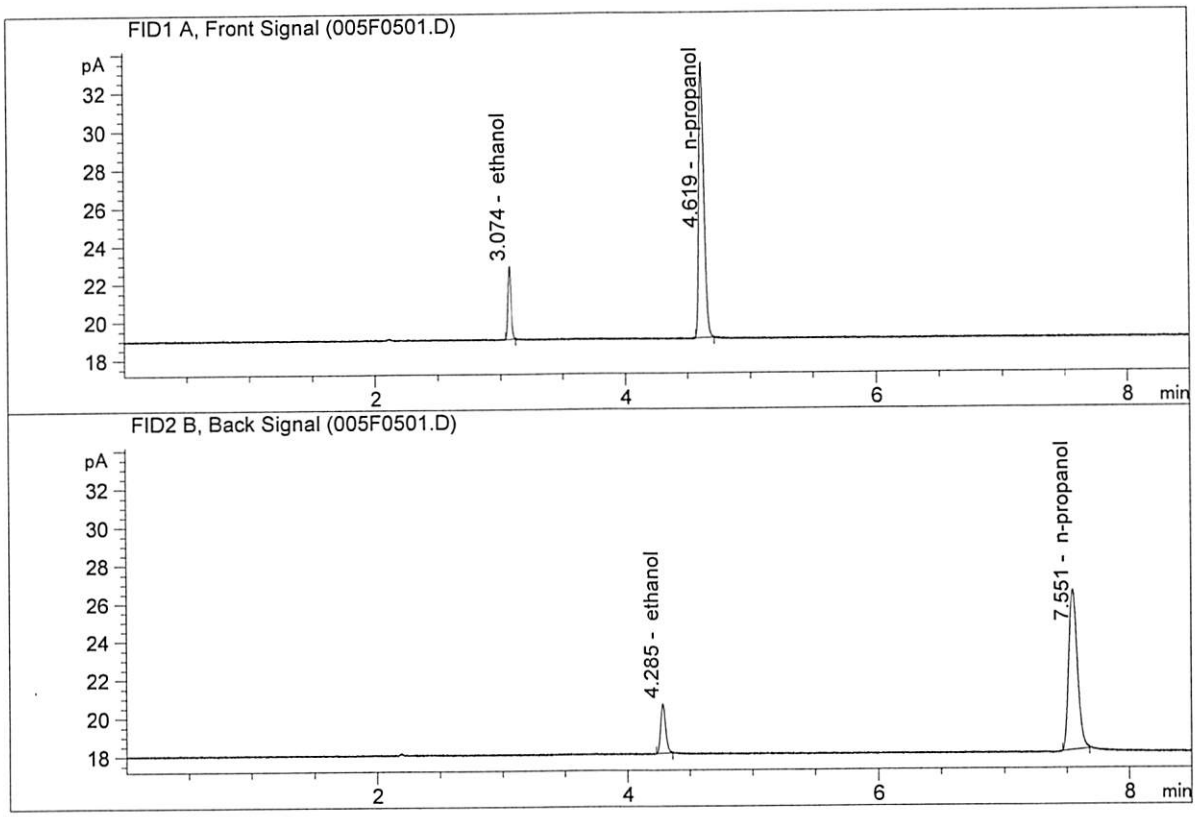
0.083

Calibration and control data are stored centrally.

JG

ISP Forensic Services Blood Alcohol Report

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

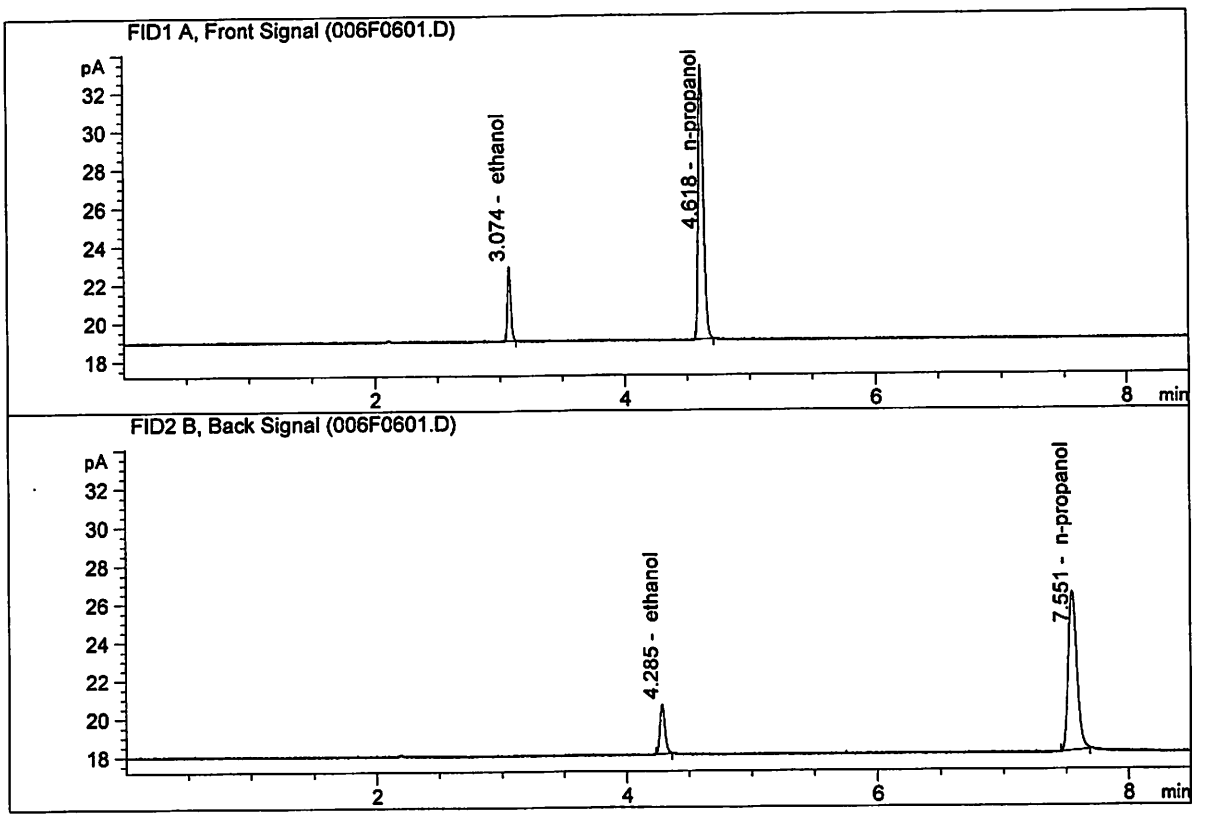


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.07932	0.0821	g/100cc
2.	Ethanol	Column 2:	6.95224	0.0839	g/100cc
3.	n-Propanol	Column 1:	41.00591	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.25310	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

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



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.16824	0.0835	g/100cc
2.	Ethanol	Column 2:	7.02061	0.0844	g/100cc
3.	n-Propanol	Column 1:	40.82870	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.39652	1.0000	g/100cc

JG

VOLATILES DETERMINATION CASEFILE WORKSHEET

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

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.2075	0.2077	0.0002	0.2076	0.2071	
(g/100cc)	0.2061	0.2074	0.0013	0.2067		

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**

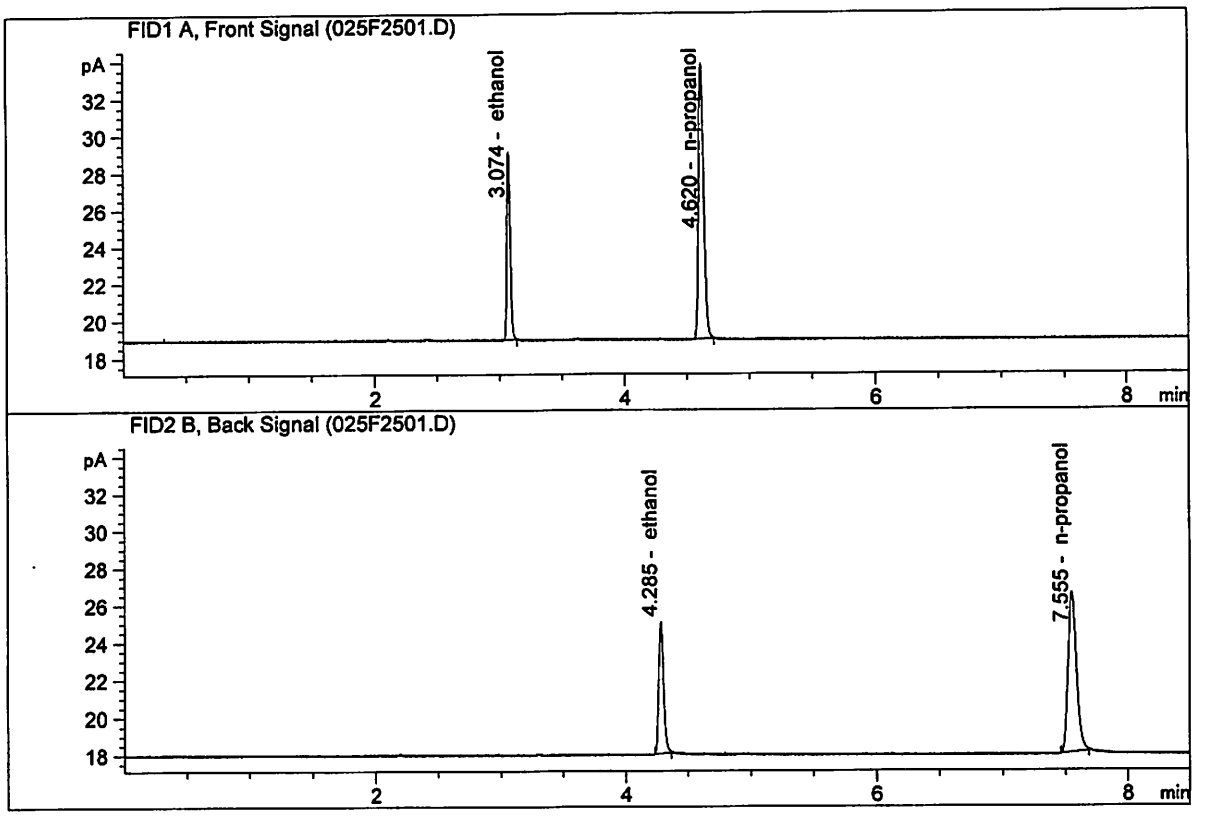
	Reported Result	
	0.207	

Calibration and control data are stored centrally.

JF

ISP Forensic Services Blood Alcohol Report

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

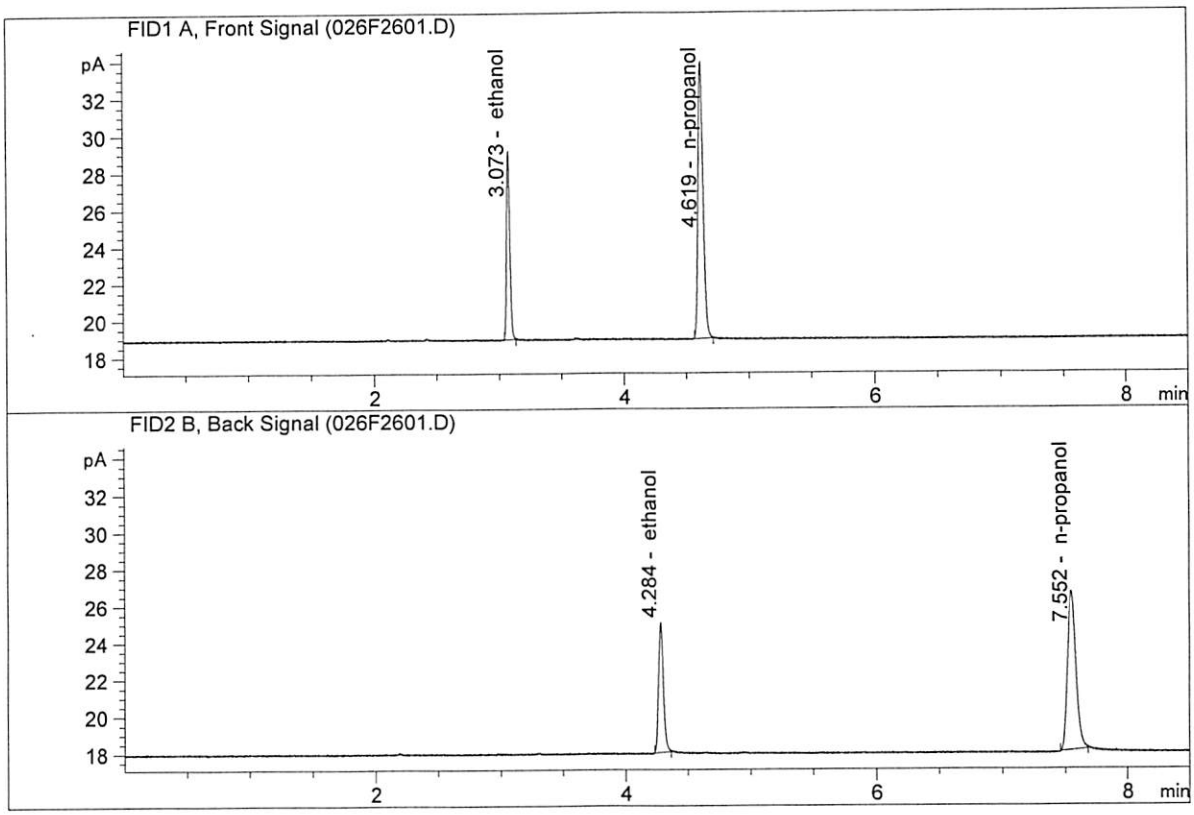


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.53783	0.2075	g/100cc
2.	Ethanol	Column 2:	18.73444	0.2077	g/100cc
3.	n-Propanol	Column 1:	42.03439	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.24054	1.0000	g/100cc

JF

ISP Forensic Services Blood Alcohol Report

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



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.56098	0.2061	g/100cc
2.	Ethanol	Column 2:	18.72927	0.2074	g/100cc
3.	n-Propanol	Column 1:	42.37693	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.28839	1.0000	g/100cc

JF

VOLATILES DETERMINATION CASEFILE WORKSHEET

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

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0806	0.0825	0.0019	0.0815	0.0809	
(g/100cc)	0.0791	0.0816	0.0025	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
0.080	**0.076**	**0.084**	**0.004**

Reported Result

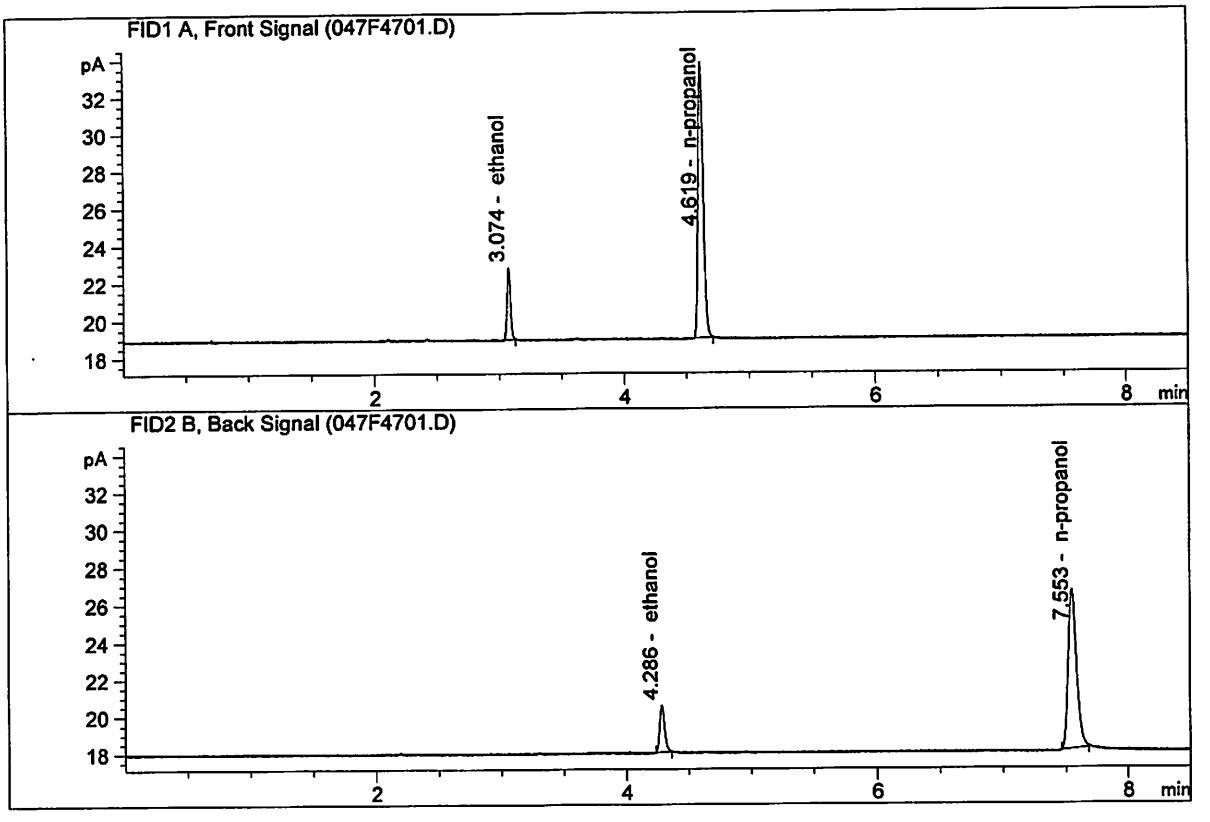
0.080

Calibration and control data are stored centrally.

JF

ISP Forensic Services Blood Alcohol Report

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

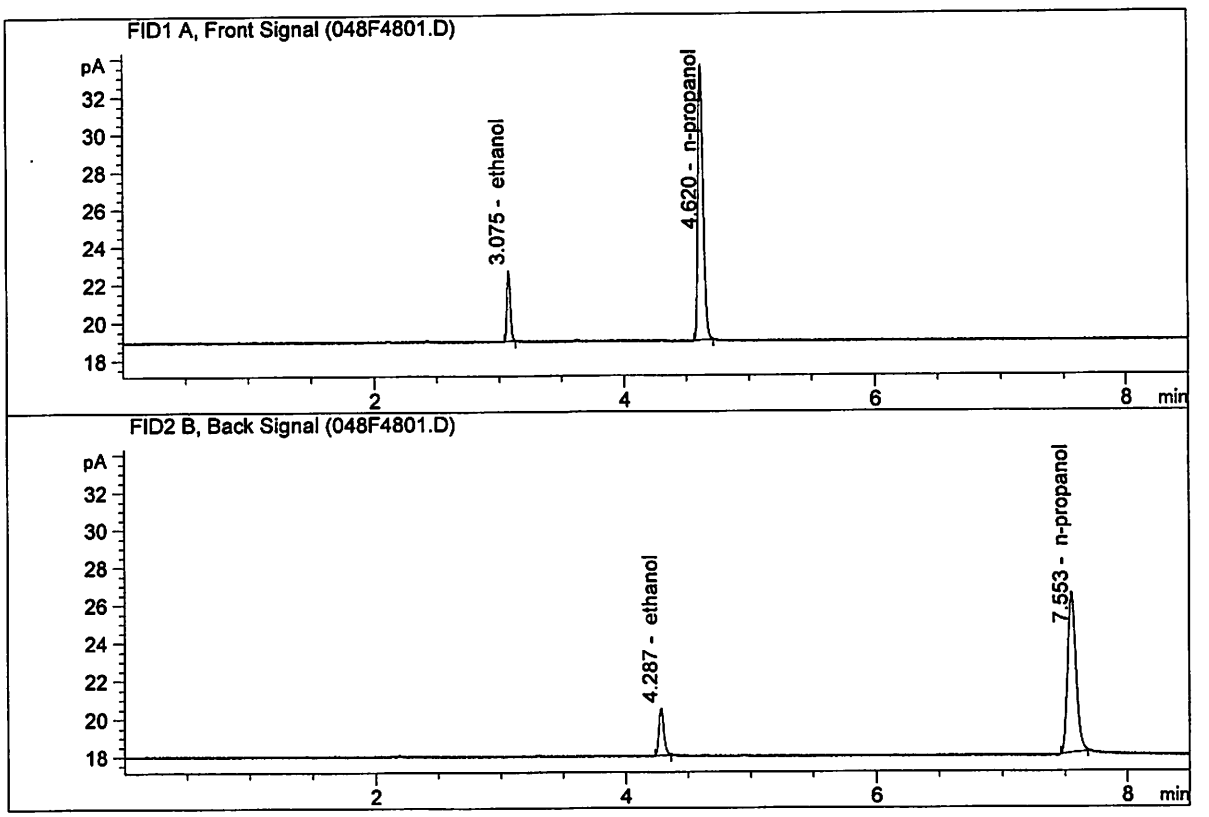


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.11985	0.0806	g/100cc
2.	Ethanol	Column 2:	6.93845	0.0825	g/100cc
3.	n-Propanol	Column 1:	42.00555	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.93625	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

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



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.91616	0.0791	g/100cc
2.	Ethanol	Column 2:	6.77338	0.0816	g/100cc
3.	n-Propanol	Column 1:	41.63092	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.43551	1.0000	g/100cc

JG

VOLATILES DETERMINATION CASEFILE WORKSHEET

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

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.2096	0.2109	0.0013	0.2102	0.2087	
(g/100cc)	0.2064	0.2080	0.0016	0.2072		

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
0.208	**0.197**	**0.219**	**0.011**

Reported Result

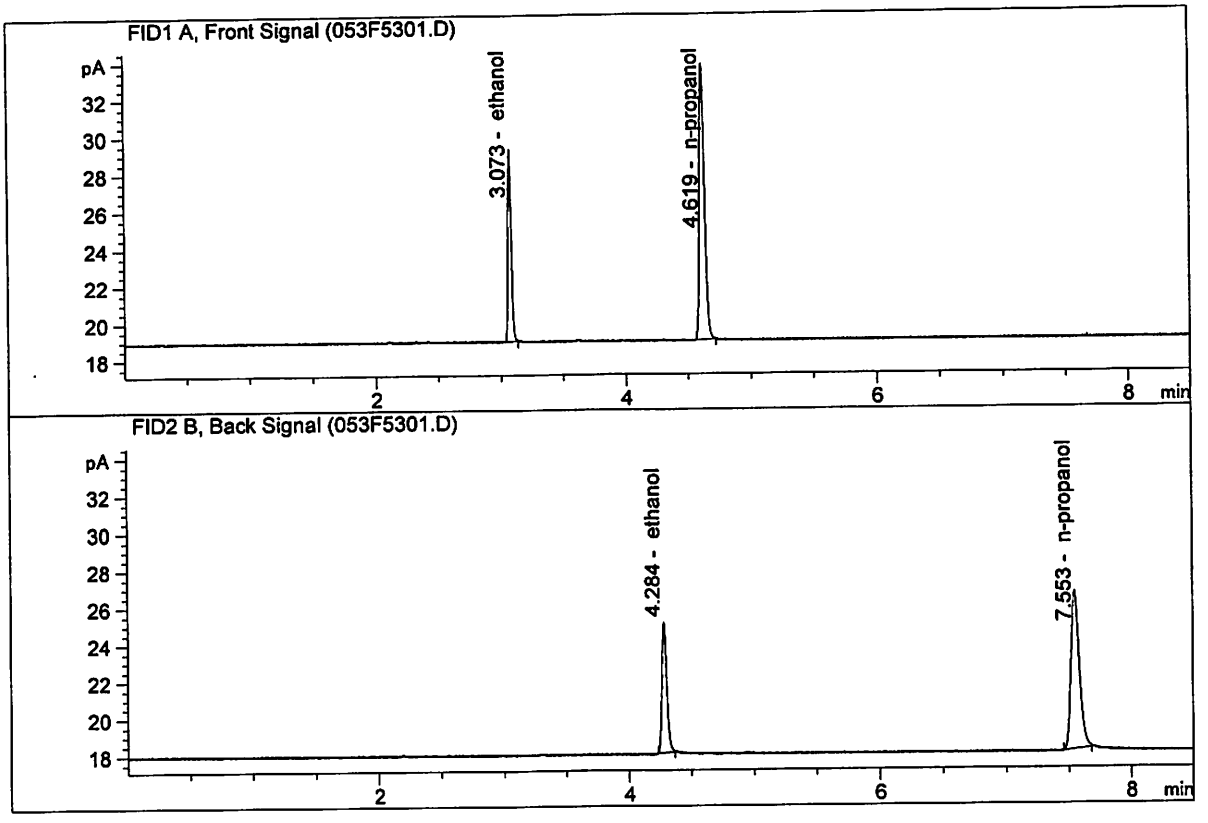
0.208

Calibration and control data are stored centrally.

JG

ISP Forensic Services Blood Alcohol Report

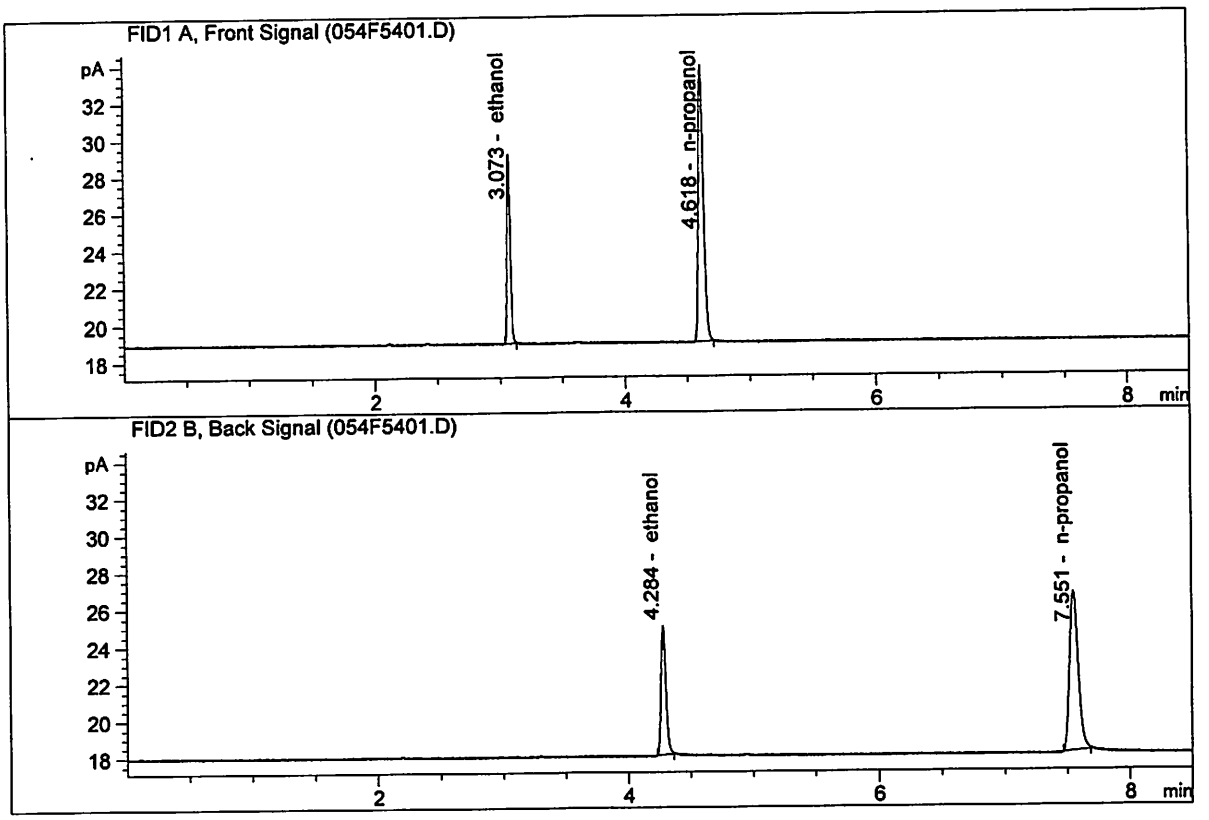
Sample Name : QC2-2-A
Laboratory : Meridian
Injection Date : Mar 29, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.79083	0.2096	g/100cc
2.	Ethanol	Column 2:	18.91270	0.2109	g/100cc
3.	n-Propanol	Column 1:	42.18010	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.98557	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

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

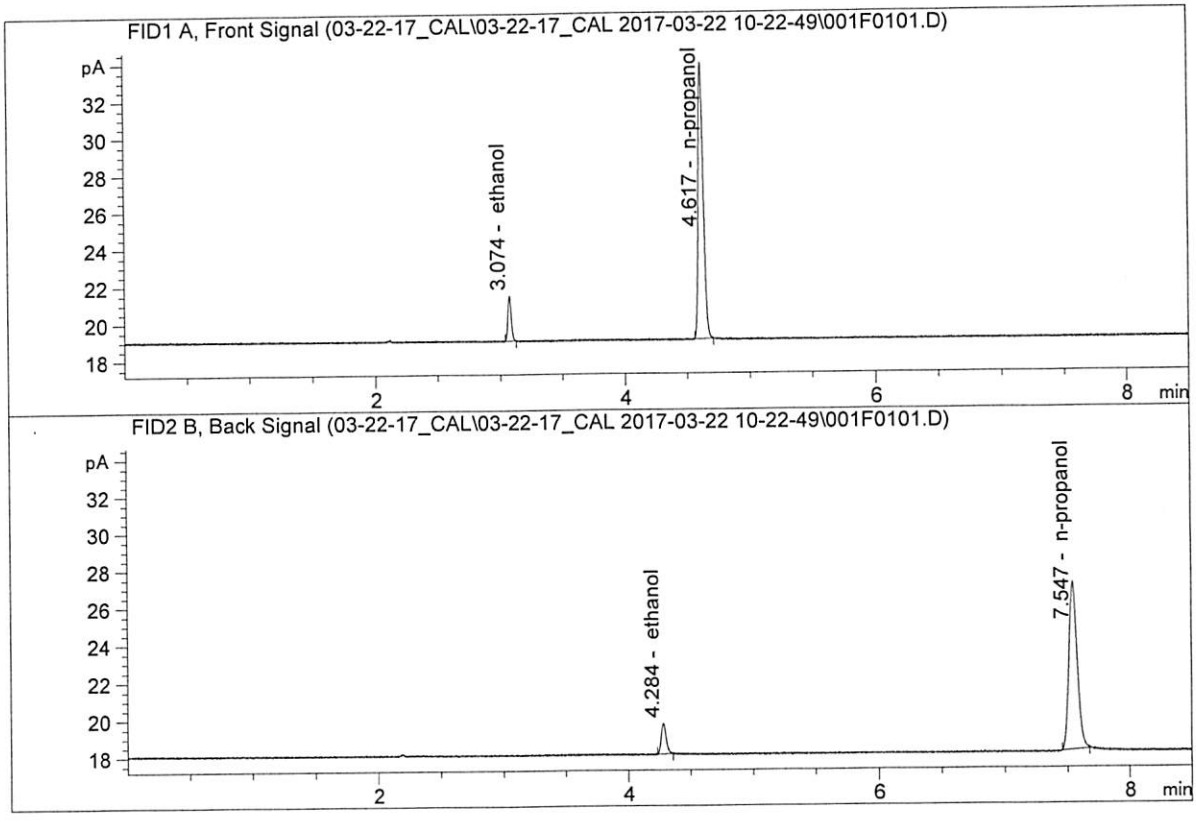


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.59769	0.2064	g/100cc
2.	Ethanol	Column 2:	18.74815	0.2080	g/100cc
3.	n-Propanol	Column 1:	42.38970	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.20759	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.050 FN06231406
Laboratory : Meridian
Injection Date : Mar 22, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

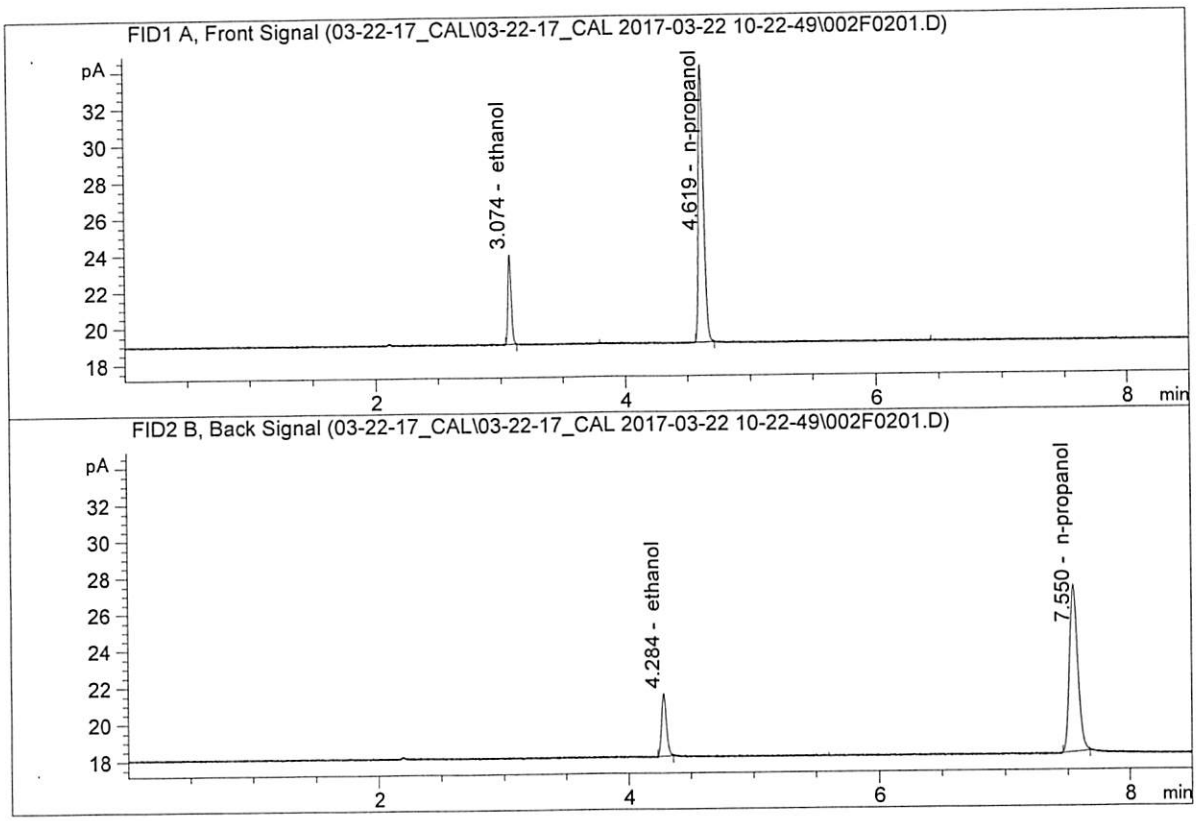


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	4.44027	0.0506	g/100cc
2.	Ethanol	Column 2:	4.47271	0.0538	g/100cc
3.	n-Propanol	Column 1:	42.17959	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.95251	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.100 FN06181501
Laboratory : Meridian
Injection Date : Mar 22, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

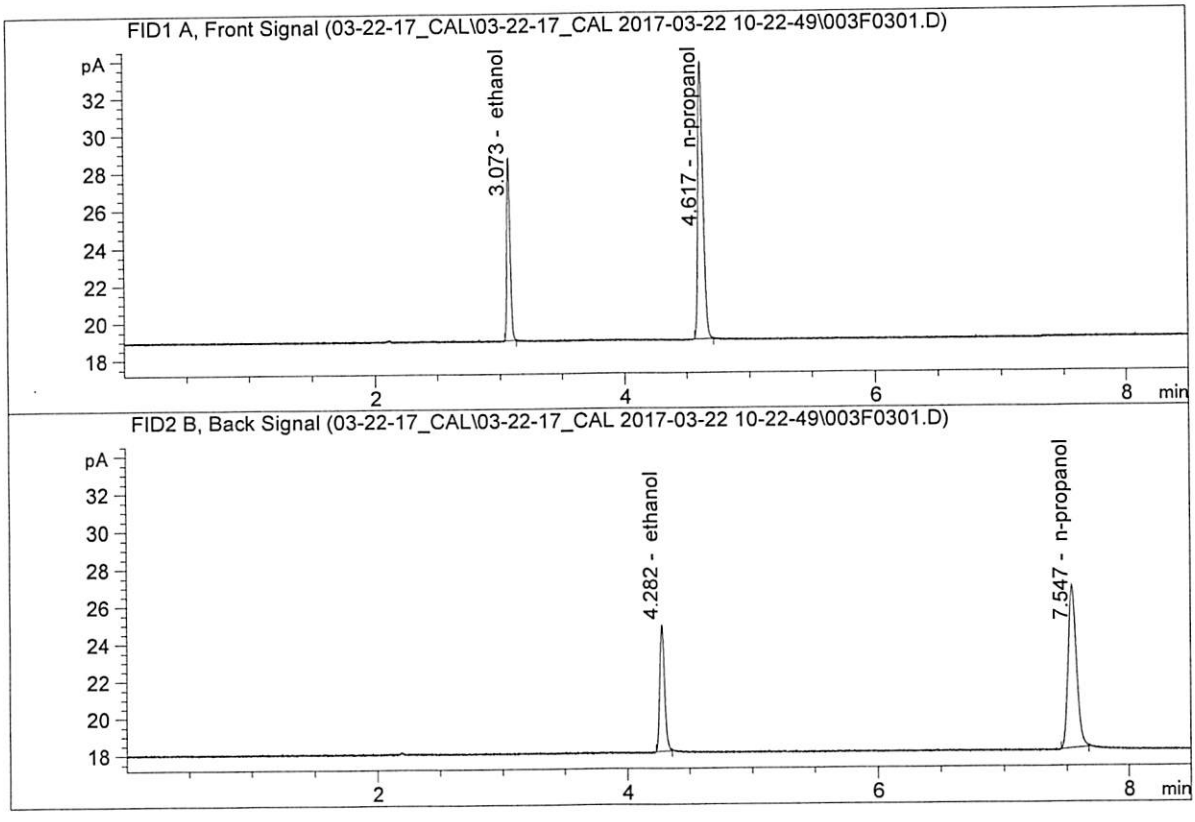


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	9.04249	0.0995	g/100cc
2.	Ethanol	Column 2:	9.08370	0.0998	g/100cc
3.	n-Propanol	Column 1:	43.06885	1.0000	g/100cc
4.	n-Propanol	Column 2:	43.51038	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.200 FN07201502
Laboratory : Meridian
Injection Date : Mar 22, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

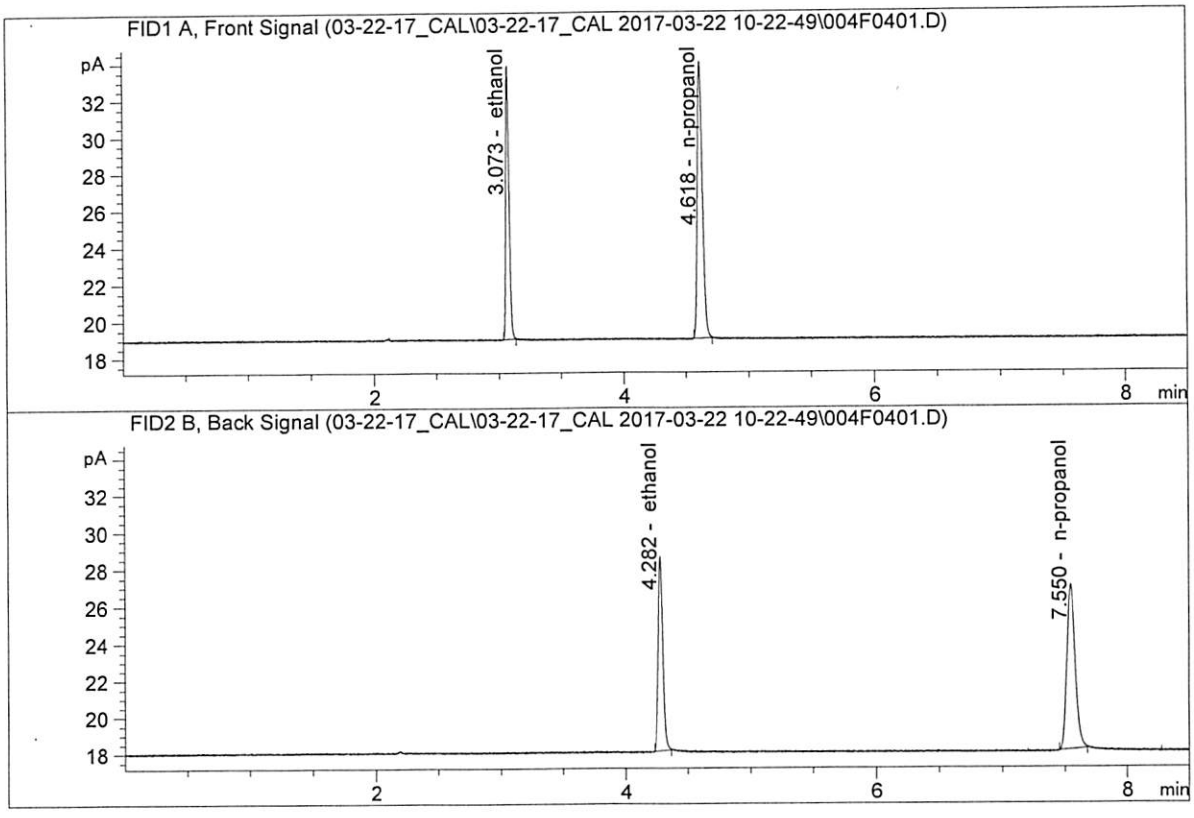


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.89574	0.2000	g/100cc
2.	Ethanol	Column 2:	18.09025	0.1972	g/100cc
3.	n-Propanol	Column 1:	42.11362	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.03962	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.300 FN06051501
Laboratory : Meridian
Injection Date : Mar 22, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

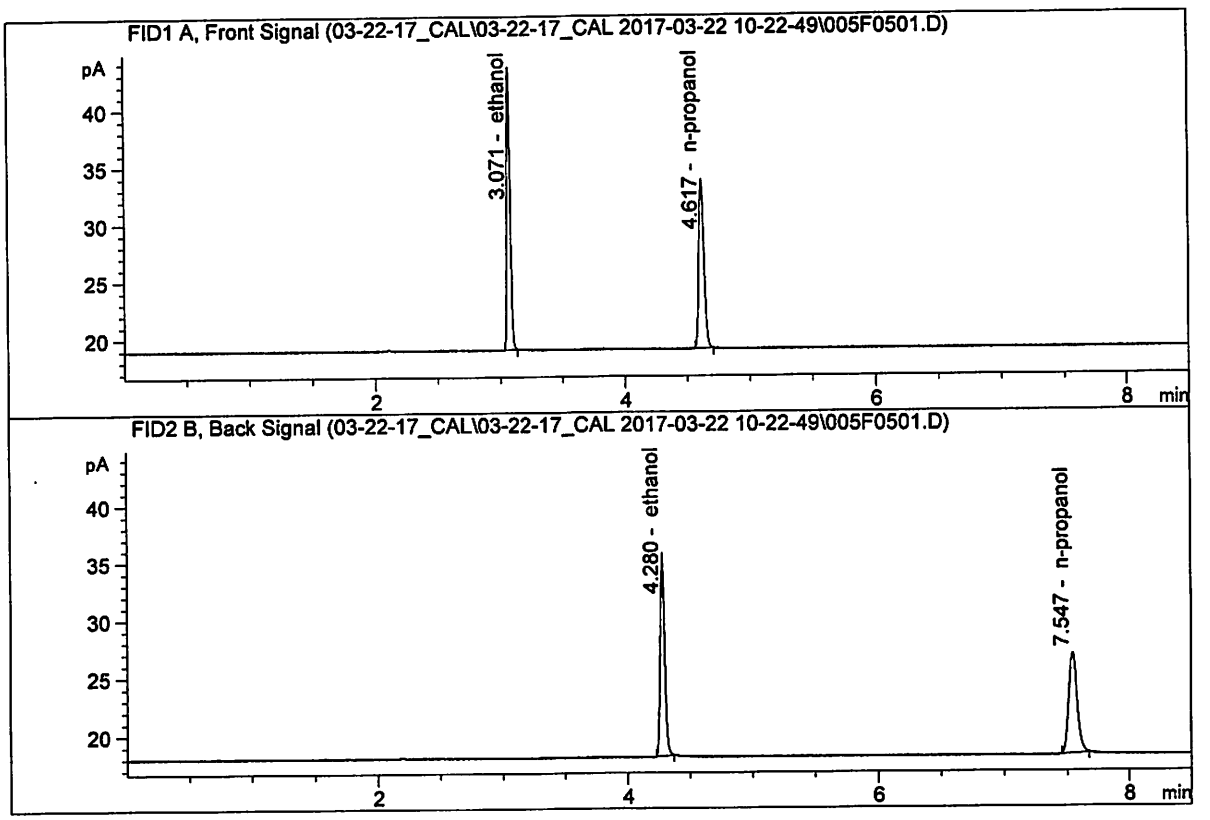


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	27.30493	0.2995	g/100cc
2.	Ethanol	Column 2:	27.94878	0.2962	g/100cc
3.	n-Propanol	Column 1:	42.79330	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.63439	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.500 FN07031402
Laboratory : Meridian
Injection Date : Mar 22, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

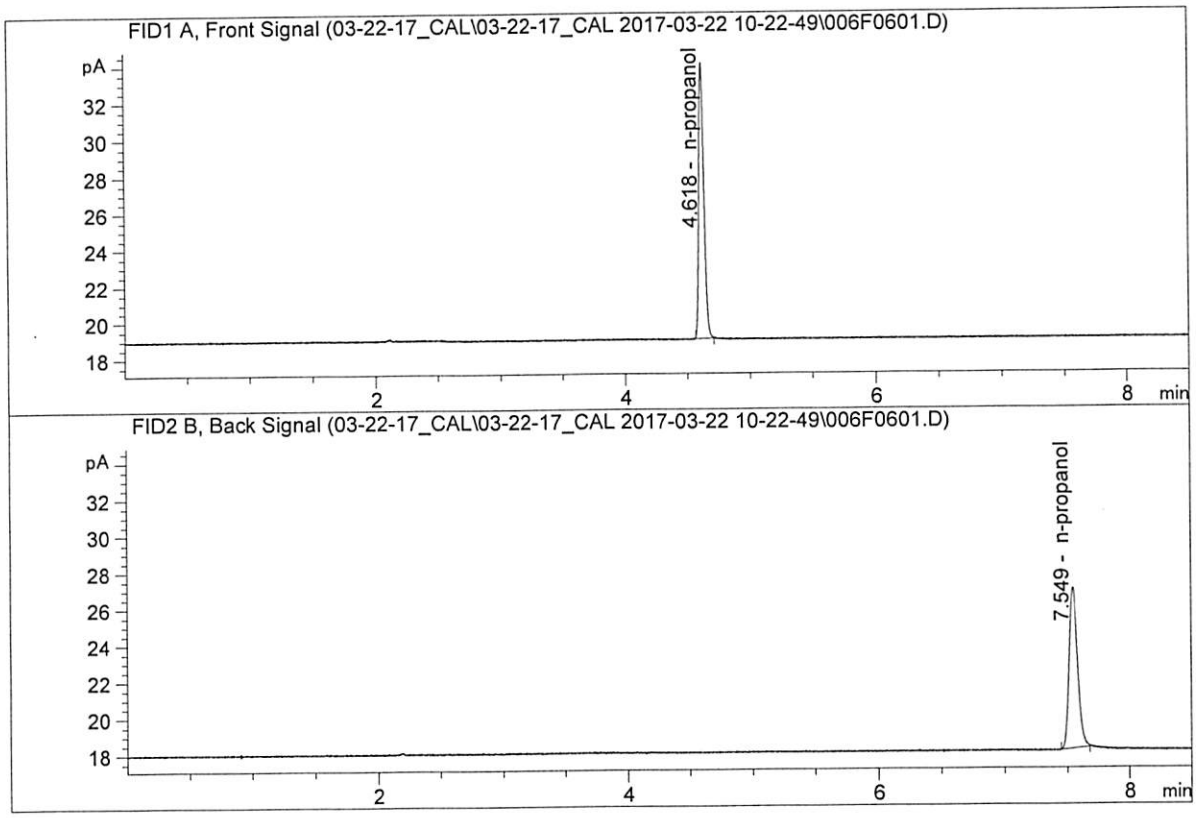


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	44.96452	0.5003	g/100cc
2.	Ethanol	Column 2:	46.74831	0.5031	g/100cc
3.	n-Propanol	Column 1:	42.10326	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.51231	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STANDARD BLANK
Laboratory : Meridian
Injection Date : Mar 22, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

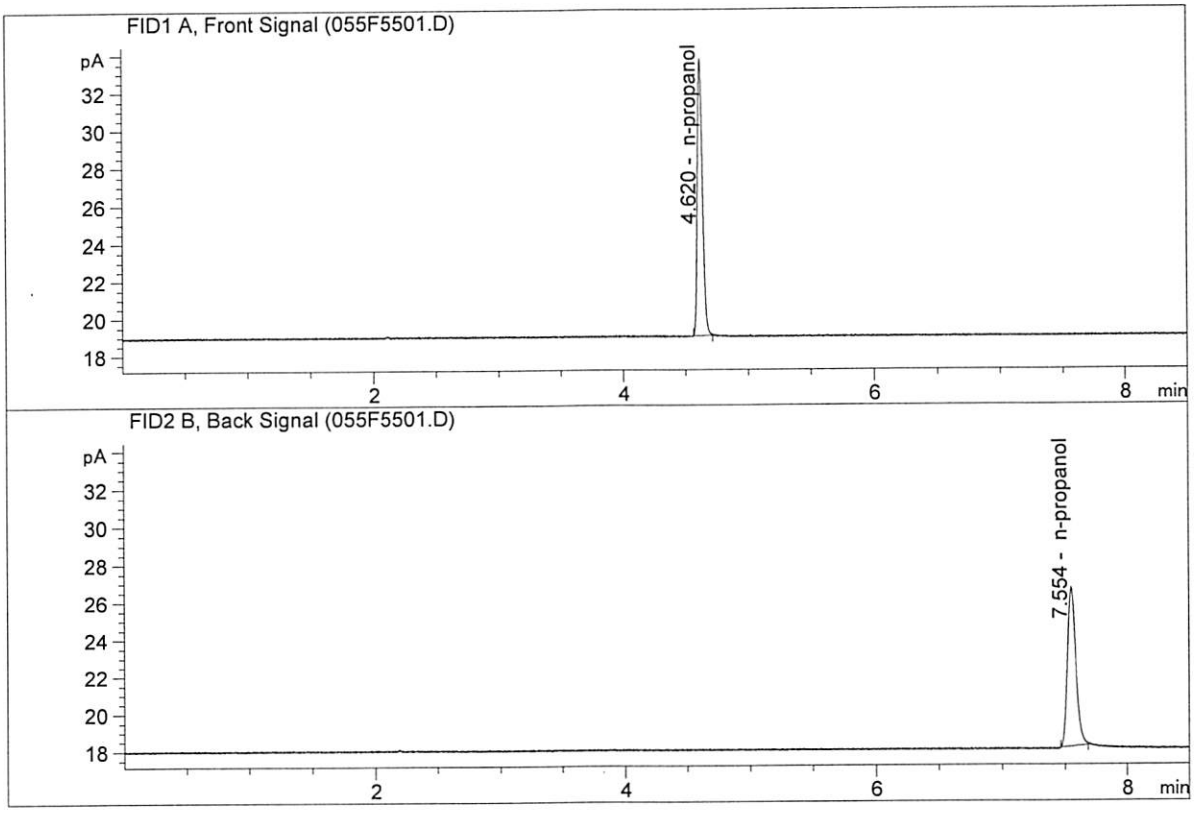


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	42.90772	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.60557	1.0000	g/100cc

JL

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : Mar 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:	41.79670	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.65198	1.0000	g/100cc

JG

Sample Summary

Sequence table: C:\Chem32\1\Data\03-29-17_SAMPLES\03-29-17_SAMPLES 2017-03-29 14-32-00\03 29-17_SAMPLES.S
Data directory path: C:\Chem32\1\Data\03-29-17_SAMPLES\03-29-17_SAMPLES 2017-03-29 14-32-00\
Logbook: C:\Chem32\1\Data\03-29-17_SAMPLES\03-29-17_SAMPLES 2017-03-29 14-32-00\03 29-17_SAMPLES.LOG
Sequence start: 3/29/2017 2:46:49 PM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\03-29-17_SAMPLES\03-29-17_SAMPLES 2017-03-29 14-32-00 \ALCOHOL.M

Run #	Location	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #	# Cmp
1	1	1	INTERNAL STD BLK	-	1.0000	001F0101.D		2
2	2	1	MIX VOL 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	C2017-0428-1-A	-	1.0000	007F0701.D		2
8	8	1	C2017-0428-1-B	-	1.0000	008F0801.D		2
9	9	1	M2016-4432-1-A	-	1.0000	009F0901.D		4
10	10	1	M2016-4432-1-B	-	1.0000	010F1001.D		4
11	11	1	M2017-1204-1-A	-	1.0000	011F1101.D		2
12	12	1	M2017-1204-1-B	-	1.0000	012F1201.D		2
13	13	1	M2017-1209-1-A	-	1.0000	013F1301.D		4
14	14	1	M2017-1209-1-B	-	1.0000	014F1401.D		4
15	15	1	M2017-1209-2-A	-	1.0000	015F1501.D		4
16	16	1	M2017-1209-2-B	-	1.0000	016F1601.D		4
17	17	1	M2017-1209-3-A	-	1.0000	017F1701.D		4
18	18	1	M2017-1209-3-B	-	1.0000	018F1801.D		4
19	19	1	M2017-1221-1-A	-	1.0000	019F1901.D		3
20	20	1	M2017-1221-1-B	-	1.0000	020F2001.D		3
21	21	1	M2017-1222-1-A	-	1.0000	021F2101.D		4
22	22	1	M2017-1222-1-B	-	1.0000	022F2201.D		4
23	23	1	M2017-1223-1-A	-	1.0000	023F2301.D		2
24	24	1	M2017-1223-1-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	M2017-1224-1-A	-	1.0000	027F2701.D		4
28	28	1	M2017-1224-1-B	-	1.0000	028F2801.D		4
29	29	1	M2017-1225-1-A	-	1.0000	029F2901.D		4
30	30	1	M2017-1225-1-B	-	1.0000	030F3001.D		4
31	31	1	M2017-1226-1-A	-	1.0000	031F3101.D		4
32	32	1	M2017-1226-1-B	-	1.0000	032F3201.D		4
33	33	1	M2017-1250-1-A	-	1.0000	033F3301.D		4
34	34	1	M2017-1250-1-B	-	1.0000	034F3401.D		4
35	35	1	M2017-1251-1-A	-	1.0000	035F3501.D		4
36	36	1	M2017-1251-1-B	-	1.0000	036F3601.D		4
37	37	1	M2017-1274-1-A	-	1.0000	037F3701.D		4
38	38	1	M2017-1274-1-B	-	1.0000	038F3801.D		4
39	39	1	M2017-1280-1-A	-	1.0000	039F3901.D		2
40	40	1	M2017-1280-1-B	-	1.0000	040F4001.D		2
41	41	1	M2017-1300-1-A	-	1.0000	041F4101.D		4
42	42	1	M2017-1300-1-B	-	1.0000	042F4201.D		4
43	43	1	M2017-1301-1-A	-	1.0000	043F4301.D		2

JG

Sequence File C:\Chem32\...7_SAMPLES\03-29-17_SAMPLES 2017-03-29 14-32-00\03-29-17_SAMPLES.S

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
44	44	1	M2017-1301-1-B	-	1.0000	044F4401.D	2
45	45	1	M2017-1302-1-A	-	1.0000	045F4501.D	4
46	46	1	M2017-1302-1-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	M2017-1312-1-A	-	1.0000	049F4901.D	4
50	50	1	M2017-1312-1-B	-	1.0000	050F5001.D	4
51	51	1	M2017-1314-1-A	-	1.0000	051F5101.D	4
52	52	1	M2017-1314-1-B	-	1.0000	052F5201.D	4
53	53	1	QC2-2-A	-	1.0000	053F5301.D	4
54	54	1	QC2-2-B	-	1.0000	054F5401.D	4
55	55	1	INTERNAL STD BLK	-	1.0000	055F5501.D	2

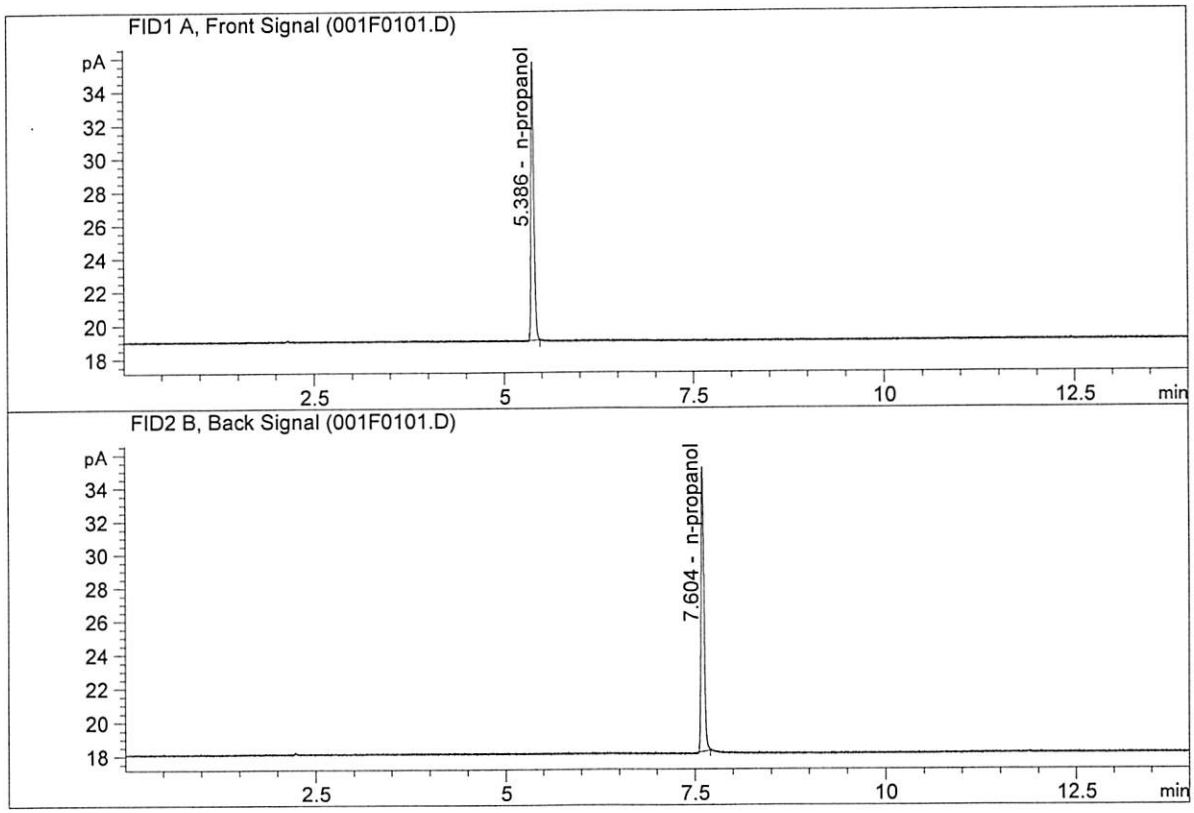
Method file name: C:\Chem32\1\Data\03-29-17_SAMPLES\03-29-17_SAMPLES 2017-03-29 14-32-00\SHUTDOWN.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
56	56	1	EMPTY	-	1.0000	056F5601.D	0

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : BLK 1
Laboratory : Meridian
Injection Date : Mar 30, 2017
Method : VOLATILES.M
Acq. Instrument: CN11180014-CN11041167

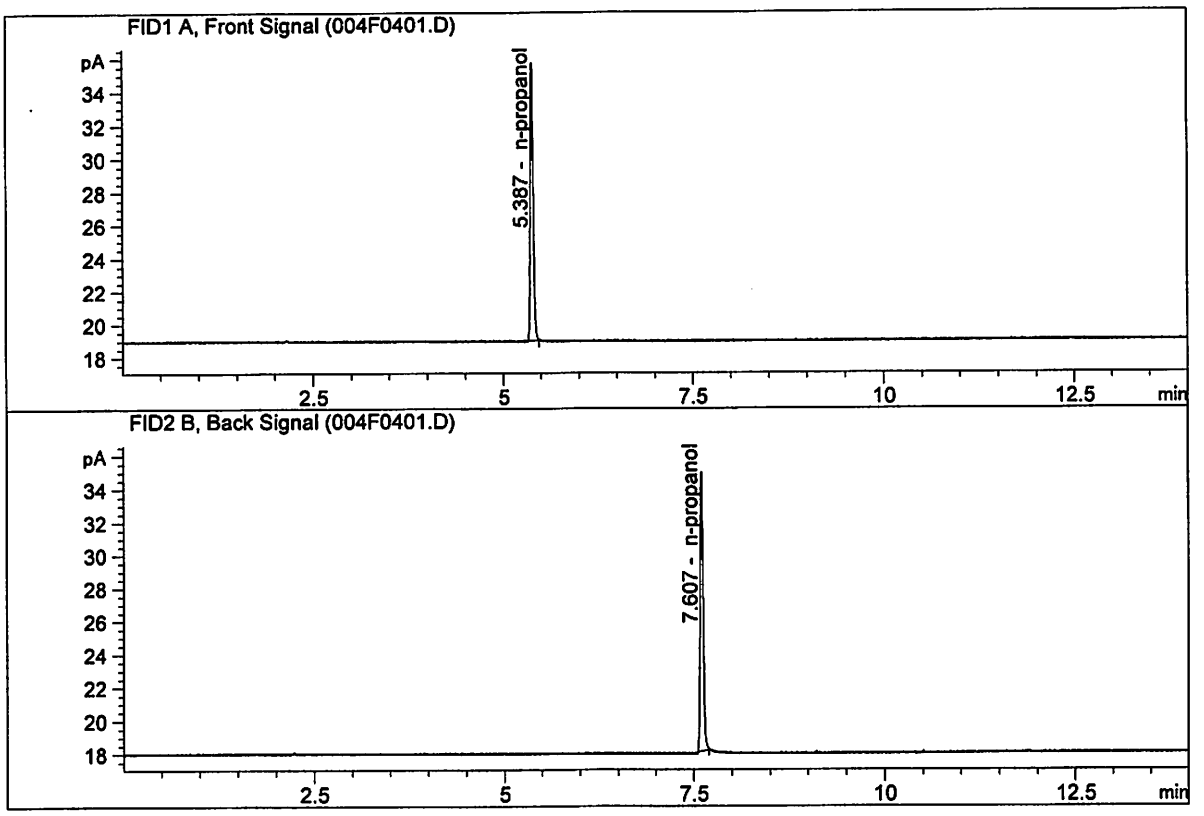


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	43.62040	1.0000	g/100cc
4.	n-Propanol	Column 2:	45.32866	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : BLK2
Laboratory : Meridian
Injection Date : Mar 30, 2017
Method : VOLATILES.M
Acq. Instrument: CN11180014-CN11041167

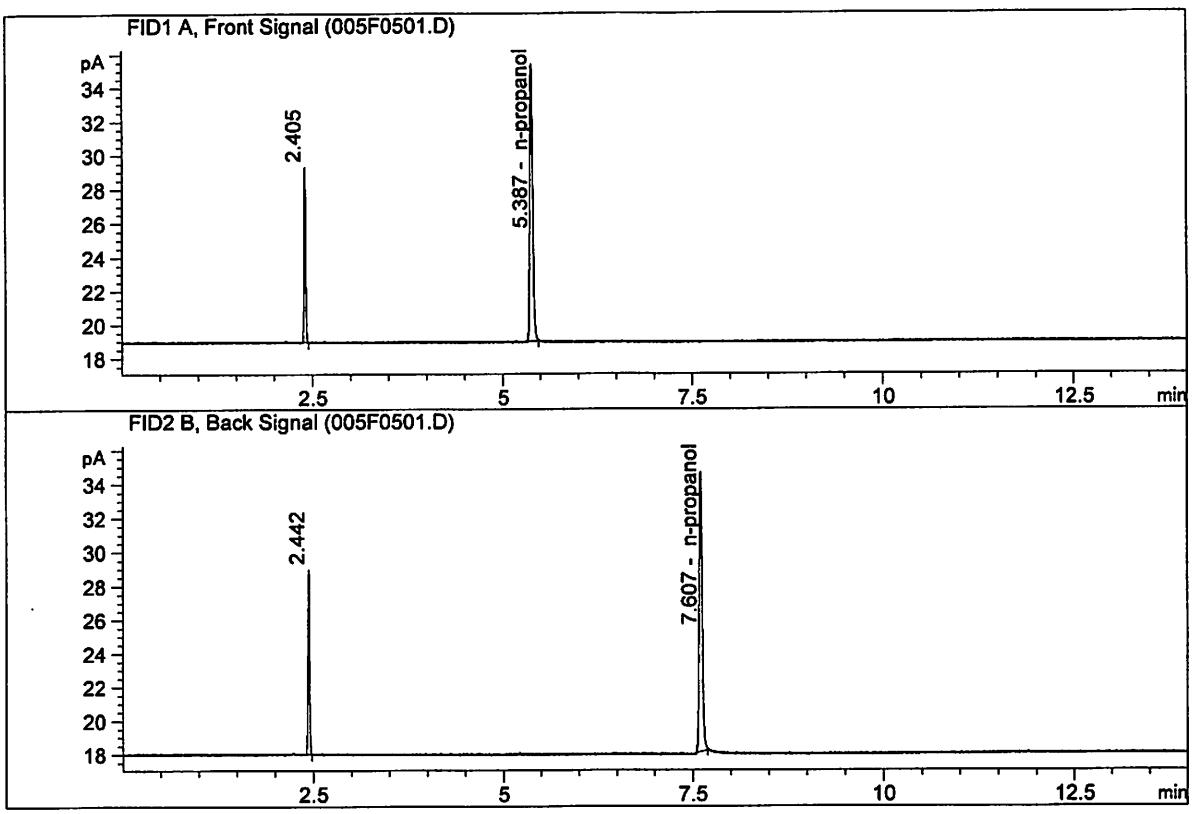


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	43.93141	1.0000	g/100cc
4.	n-Propanol	Column 2:	44.92595	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

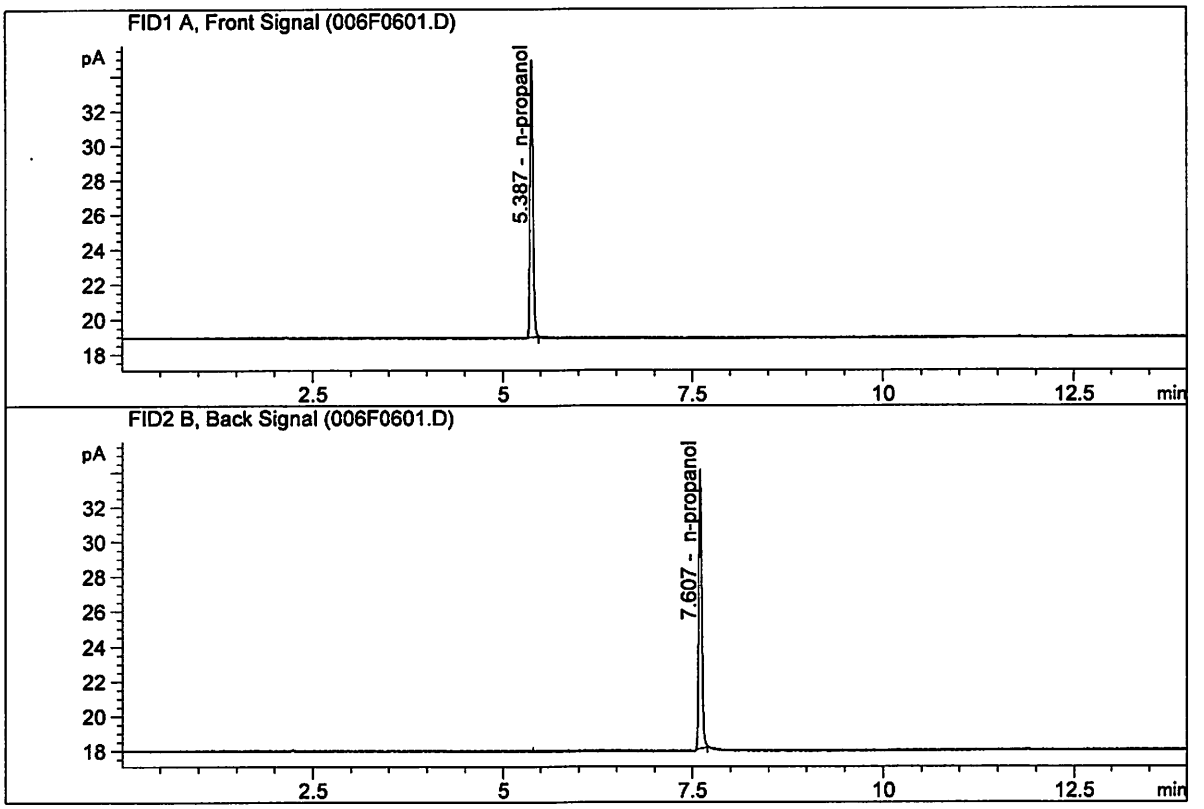
Sample Name : DFE 111914OM
Laboratory : Meridian
Injection Date : Mar 30, 2017
Method : VOLATILES.M
Acq. Instrument: CN11180014-CN11041167



#	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:	43.09998	1.0000	g/100cc
4.	n-Propanol	Column 2:	43.94233	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : BLK 3
Laboratory : Meridian
Injection Date : Mar 30, 2017
Method : VOLATILES.M
Acq. Instrument: CN11180014-CN11041167

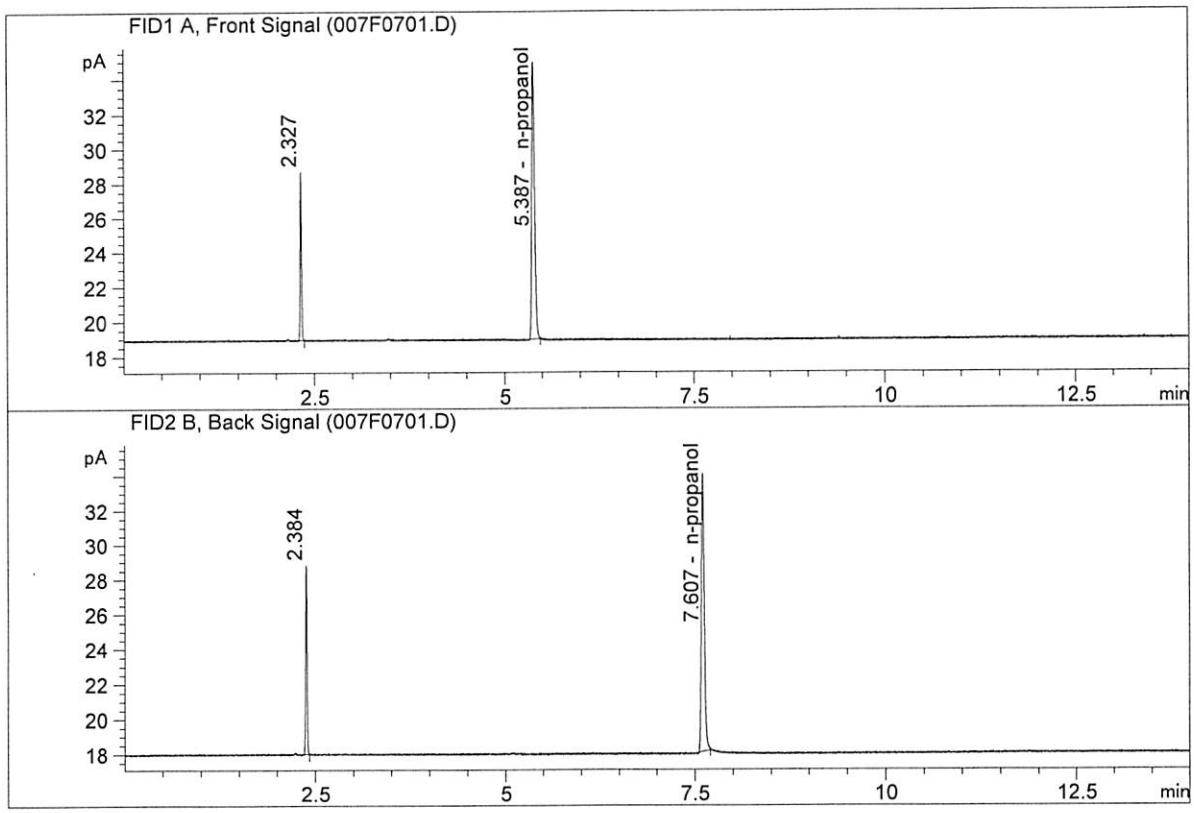


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	42.09987	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.97250	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : TFE 111914
Laboratory : Meridian
Injection Date : Mar 30, 2017
Method : VOLATILES.M
Acq. Instrument: CN11180014-CN11041167

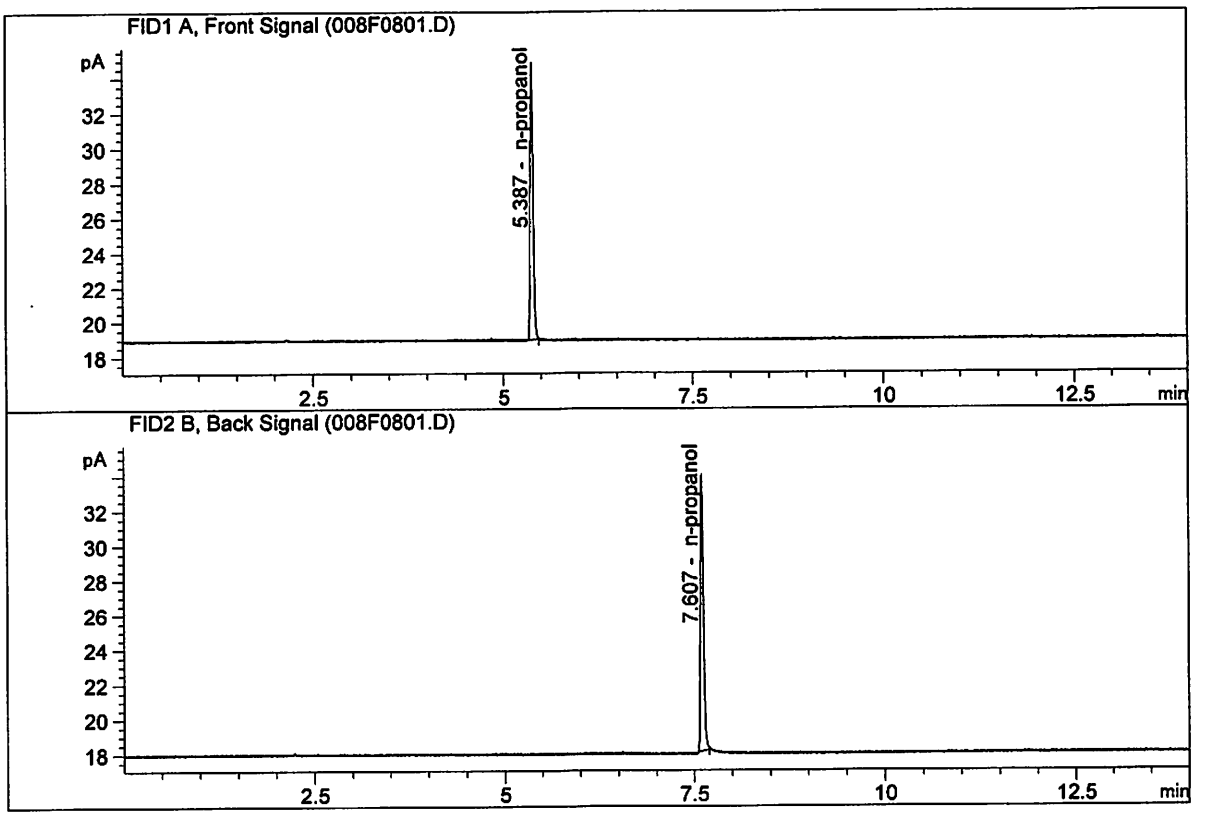


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	41.79051	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.71833	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : BLK 4
Laboratory : Meridian
Injection Date : Mar 30, 2017
Method : VOLATILES.M
Acq. Instrument: CN11180014-CN11041167

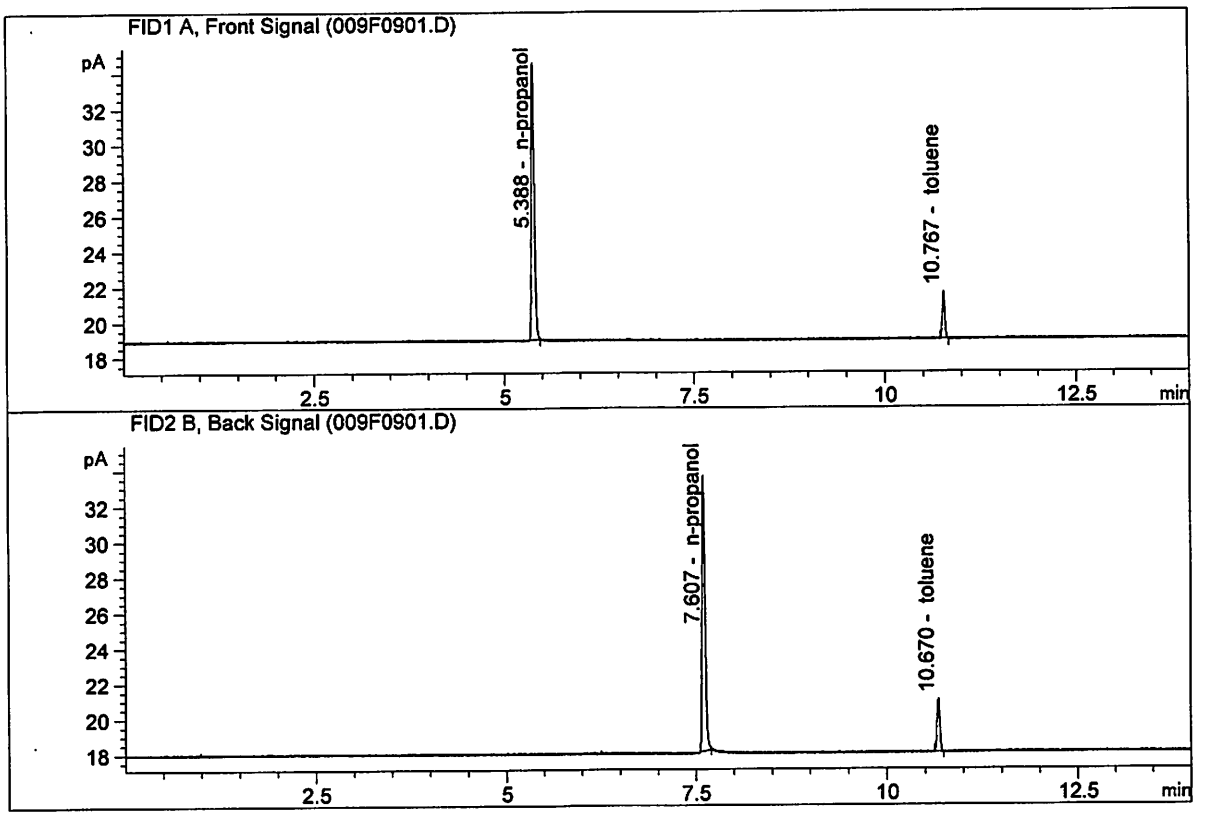


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	41.61042	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.44440	1.0000	g/100cc

JA

ISP Forensic Services Blood Alcohol Report

Sample Name : TOLUENE 002007
Laboratory : Meridian
Injection Date : Mar 30, 2017
Method : VOLATILES.M
Acq. Instrument: CN11180014-CN11041167

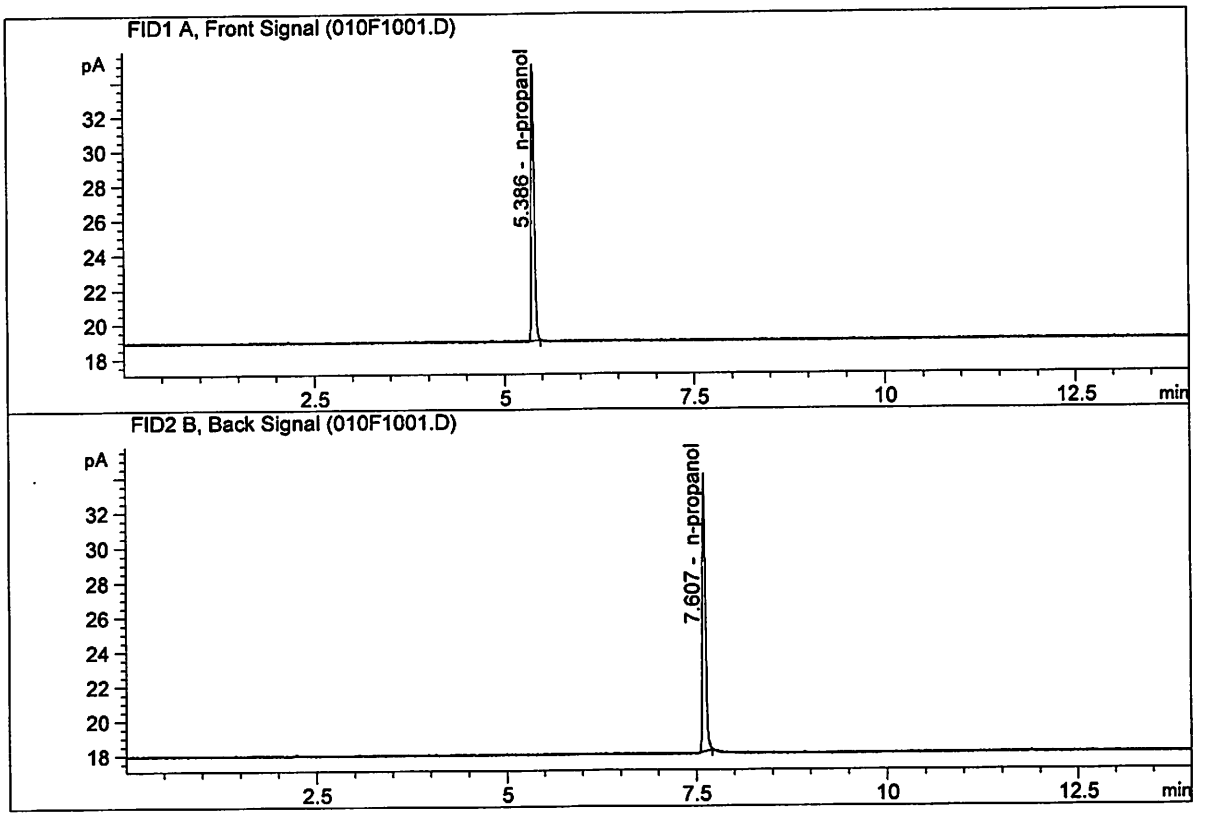


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	40.85775	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.62289	1.0000	g/100cc

JA

ISP Forensic Services Blood Alcohol Report

Sample Name : BLK 5
Laboratory : Meridian
Injection Date : Mar 30, 2017
Method : VOLATILES.M
Acq. Instrument: CN11180014-CN11041167

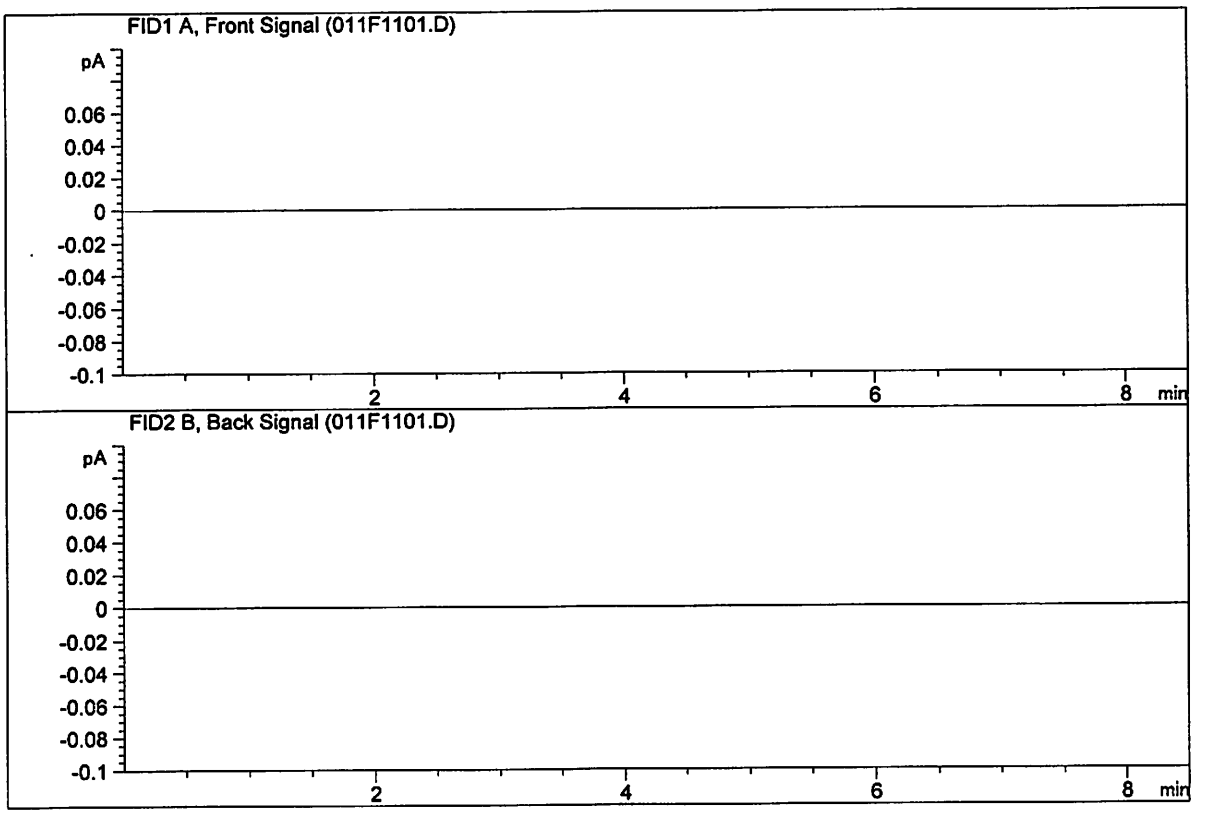


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	41.95096	1.0000	g/100cc
4.	n-Propanol	Column 2:	43.07920	1.0000	g/100cc

JA

ISP Forensic Services Blood Alcohol Report

Sample Name : SHUTDOWN
Laboratory : Meridian
Injection Date : Mar 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

Sample Summary

Sequence table: C:\Chem32\1\Data\03-30-2017_Samples\03-09-17_CAL 2017-03-30 15-45-05\03-09-17_CAL.S
Data directory path: C:\Chem32\1\Data\03-30-2017_Samples\03-09-17_CAL 2017-03-30 15-45-05\
Logbook: C:\Chem32\1\Data\03-30-2017_Samples\03-09-17_CAL 2017-03-30 15-45-05\03-09-17_CAL.LOG
Sequence start: 3/30/2017 3:59:47 PM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\03-30-2017_Samples\03-09-17_CAL 2017-03-30 15-45-05\VOLATILES.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #	# Cmp
1	1	1	BLK 1	-	1.0000	001F0101.D		2
2	2	1	C2017-0428-1-A	-	1.0000	002F0201.D		2
3	3	1	C2017-0428-1-A	-	1.0000	003F0301.D		2
4	4	1	BLK2	-	1.0000	004F0401.D		2
5	5	1	DFE 111914OM	-	1.0000	005F0501.D		2
6	6	1	BLK 3	-	1.0000	006F0601.D		2
7	7	1	TFE 111914	-	1.0000	007F0701.D		2
8	8	1	BLK 4	-	1.0000	008F0801.D		2
9	9	1	TOLUENE 002007	-	1.0000	009F0901.D		4
10	10	1	BLK 5	-	1.0000	010F1001.D		2

Method file name: C:\Chem32\1\Data\03-30-2017_Samples\03-09-17_CAL 2017-03-30 15-45-05\SHUTDOWN.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #	# Cmp
11	11	1	SHUTDOWN	-	1.0000	011F1101.D		0

JG

Calibration Table

General Calibration Setting

Calib. Data Modified : Wednesday, March 22, 2017 11:27:59 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

JG

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	4.44027	1.12606e-2	No	No	1	ethanol
		2	1.00000e-1	9.04249	1.10589e-2				
		3	2.00000e-1	17.89574	1.11758e-2				
		4	3.00000e-1	27.30493	1.09870e-2				
		5	5.00000e-1	44.96452	1.11199e-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
4.282	2	1	5.00000e-2	4.47271	1.11789e-2	No	No	2	ethanol
		2	1.00000e-1	9.08370	1.10087e-2				
		3	2.00000e-1	18.09025	1.10557e-2				
		4	3.00000e-1	27.94878	1.07339e-2				
		5	5.00000e-1	46.74831	1.06956e-2				
4.308	1	1	1.00000	6.49940	1.53860e-1	No	No	1	acetone
4.619	1	1	1.00000	42.17959	2.37081e-2	No	Yes	1	n-propanol
		2	1.00000	43.06885	2.32186e-2				
		3	1.00000	42.11362	2.37453e-2				
		4	1.00000	42.79330	2.33681e-2				
		5	1.00000	42.10326	2.37511e-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
7.553	2	1	1.00000	42.95251	2.32815e-2	No	Yes	2	n-propanol
		2	1.00000	43.51038	2.29830e-2				
		3	1.00000	42.03962	2.37871e-2				
		4	1.00000	42.63439	2.34552e-2				
		5	1.00000	41.51231	2.40892e-2				

Peak Sum Table

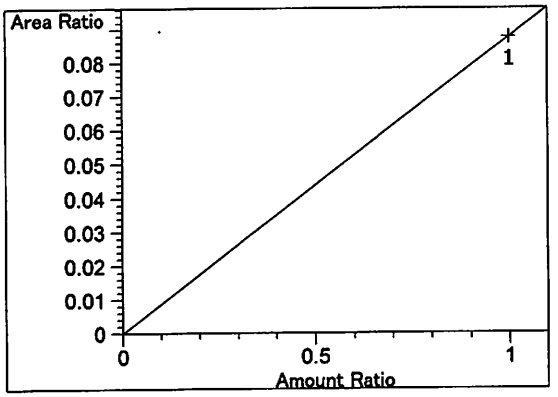
No Entries in table

57 Warnings or Errors (10 first messages follow) :

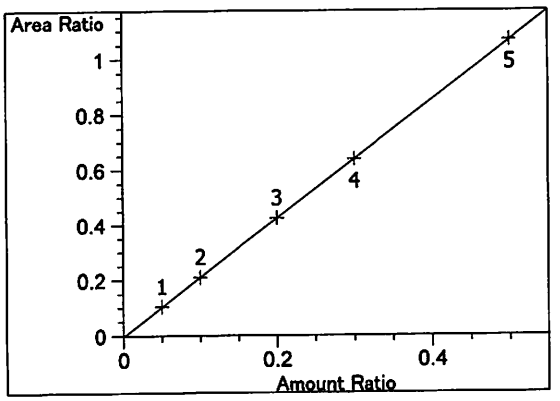
Warning : Curve requires more calibration points., (methanol)
Warning : Curve requires more calibration points. at 2.586 min, signal 1
Warning : Curve requires more calibration points. at 3.388 min, signal 2
Warning : Curve requires more calibration points. at 3.628 min, signal 1
Warning : Curve requires more calibration points. at 4.308 min, signal 1
Warning : Curve requires more calibration points. at 4.619 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
Warning : Curve requires more calibration points. at 7.553 min, signal 2
Warning : Curve requires more calibration points. at 2.586 min, signal 1

JG

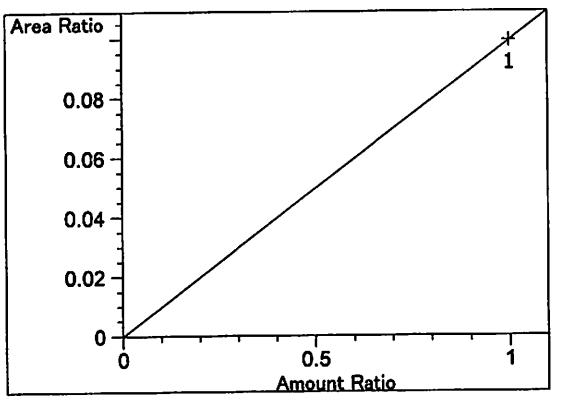
Calibration Curves



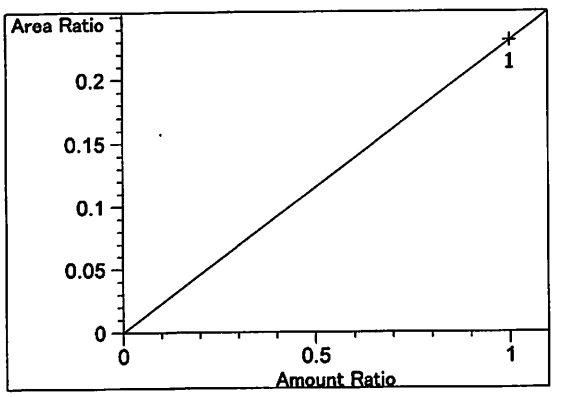
methanol at exp. RT: 2.586
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.76418e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



ethanol at exp. RT: 3.072
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00121
Formula: y = mx + b
m: 2.14080
b: -3.14635e-3
x: Amount Ratio
y: Area Ratio

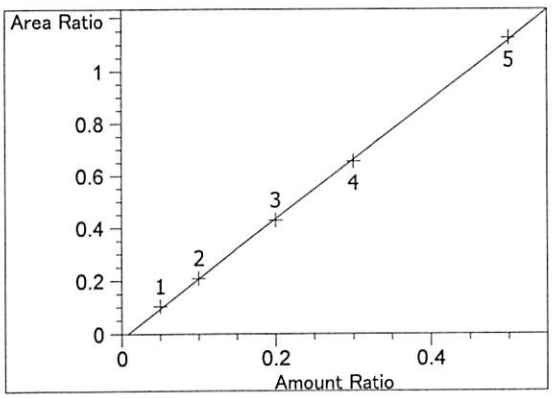


methanol at exp. RT: 3.388
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 9.91939e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio

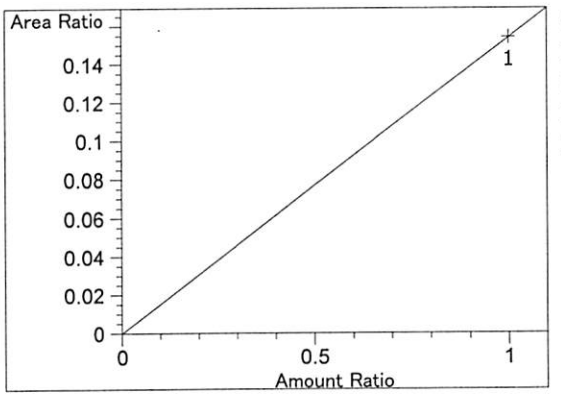


isopropyl alcohol at exp. RT: 3.628
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 2.30693e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio

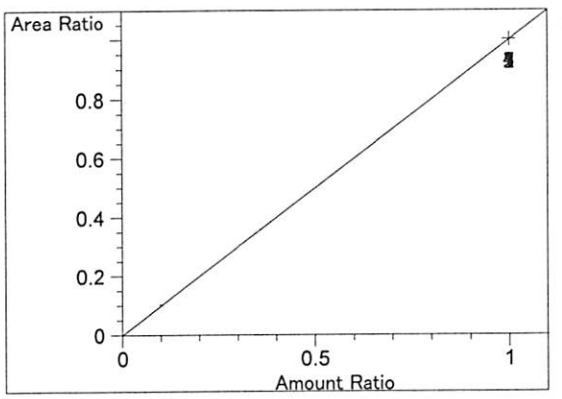
JG



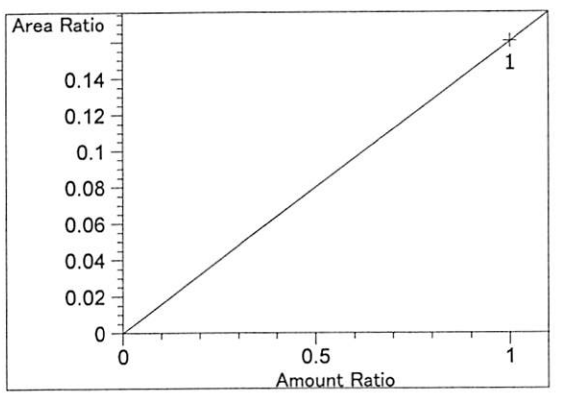
ethanol at exp. RT: 4.282
FID2 B, Back Signal
Correlation: 0.99982
Residual Std. Dev.: 0.00893
Formula: y = mx + b
m: 2.27461
b: -1.81820e-2
x: Amount Ratio
y: Area Ratio



acetone at exp. RT: 4.308
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.54089e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio

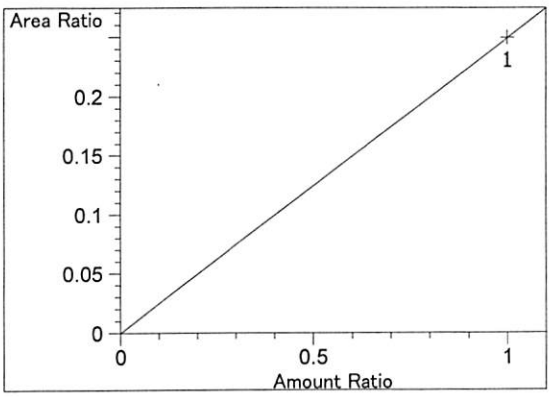


n-propanol at exp. RT: 4.619
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

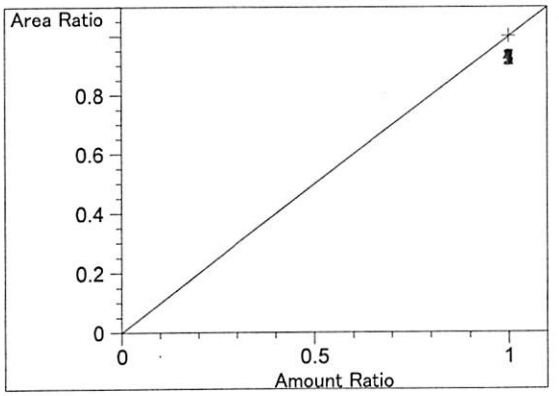


acetone at exp. RT: 4.661
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.60480e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio

JG



isopropyl alcohol at exp. RT: 4.969
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 2.49262e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



n-propanol at exp. RT: 7.553
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

==========

JG