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): 04/04/2017-04/05/2017**

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	0.0795 g/100cc
					0.0807 g/100cc
					g/100cc
Level 2	Jul-18	1407032	0.2020	0.1818 - 0.2222	0.2050 g/100cc
					0.2059 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	0.082 g/100cc

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

Worklist: 1652

LAB_CASE	ITEM	TASK_ID	DESCRIPTION
M2017-1204	2	80814	Alcohol Analysis
M2017-1221	1	79789	Alcohol Analysis
M2017-1246	11	81821	Alcohol Analysis
M2017-1246	12	80887	Alcohol Analysis
M2017-1246	3	80882	Alcohol Analysis
M2017-1246	5	80883	Alcohol Analysis
M2017-1246	7	81819	Alcohol Analysis
M2017-1246	9	81820	Alcohol Analysis
M2017-1316	1	81827	Alcohol Analysis
M2017-1327	2	81746	Alcohol Analysis
M2017-1340	1	80368	Alcohol Analysis
M2017-1341	1	80369	Alcohol Analysis
M2017-1342	1	80370	Alcohol Analysis
M2017-1343	1	81578	Alcohol Analysis
M2017-1343	2	81679	Alcohol Analysis
M2017-1357	1	81727	Alcohol Analysis
M2017-1360	1	80542	Alcohol Analysis
M2017-1361	1	80543	Alcohol Analysis
M2017-1380	1	80571	Alcohol Analysis
M2017-1383	1	80638	Alcohol Analysis
M2017-1414	1	80715	Alcohol Analysis
P2017-0682	2	80567	Alcohol Analysis
P2017-0696	1	80177	Alcohol Analysis

JG

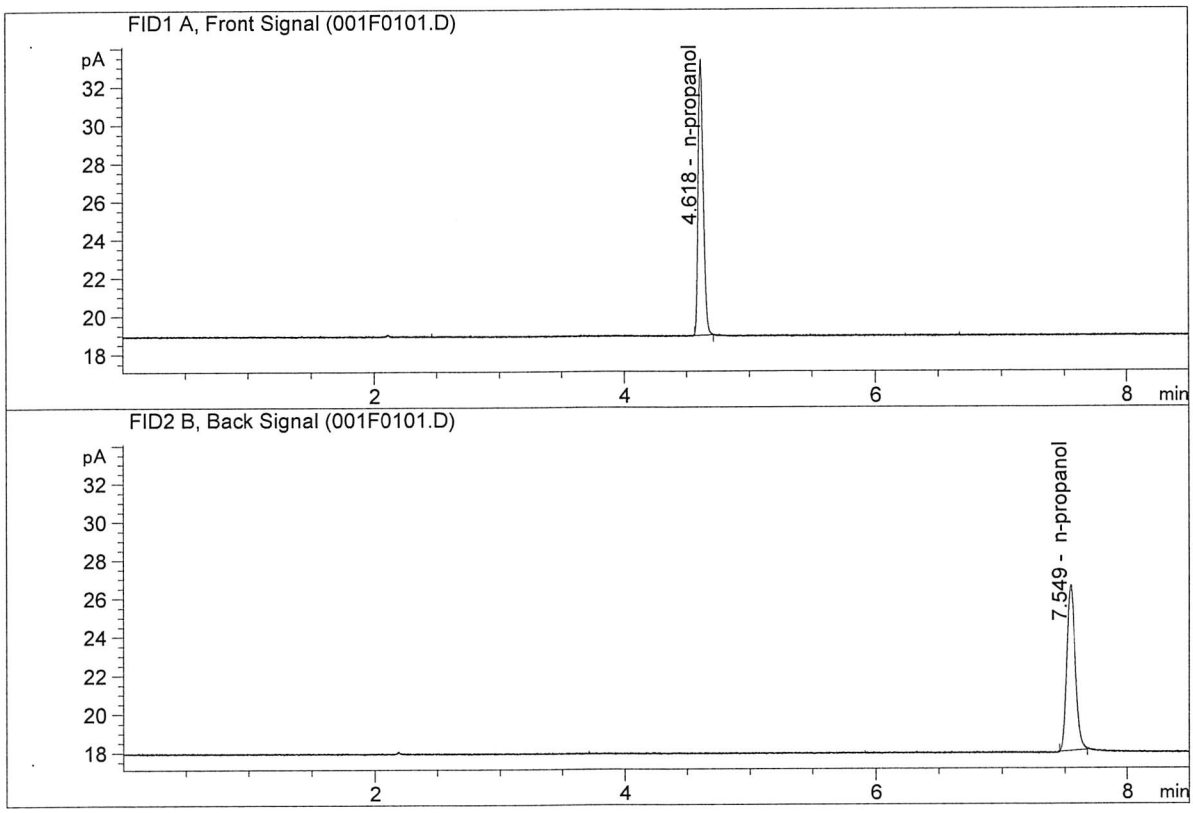
Worklist: 1652

LAB_CASE	ITEM	TASK_ID	DESCRIPTION
P2017-0709	2	80719	Alcohol Analysis

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK 1
Laboratory : Meridian
Injection Date : Apr 4, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

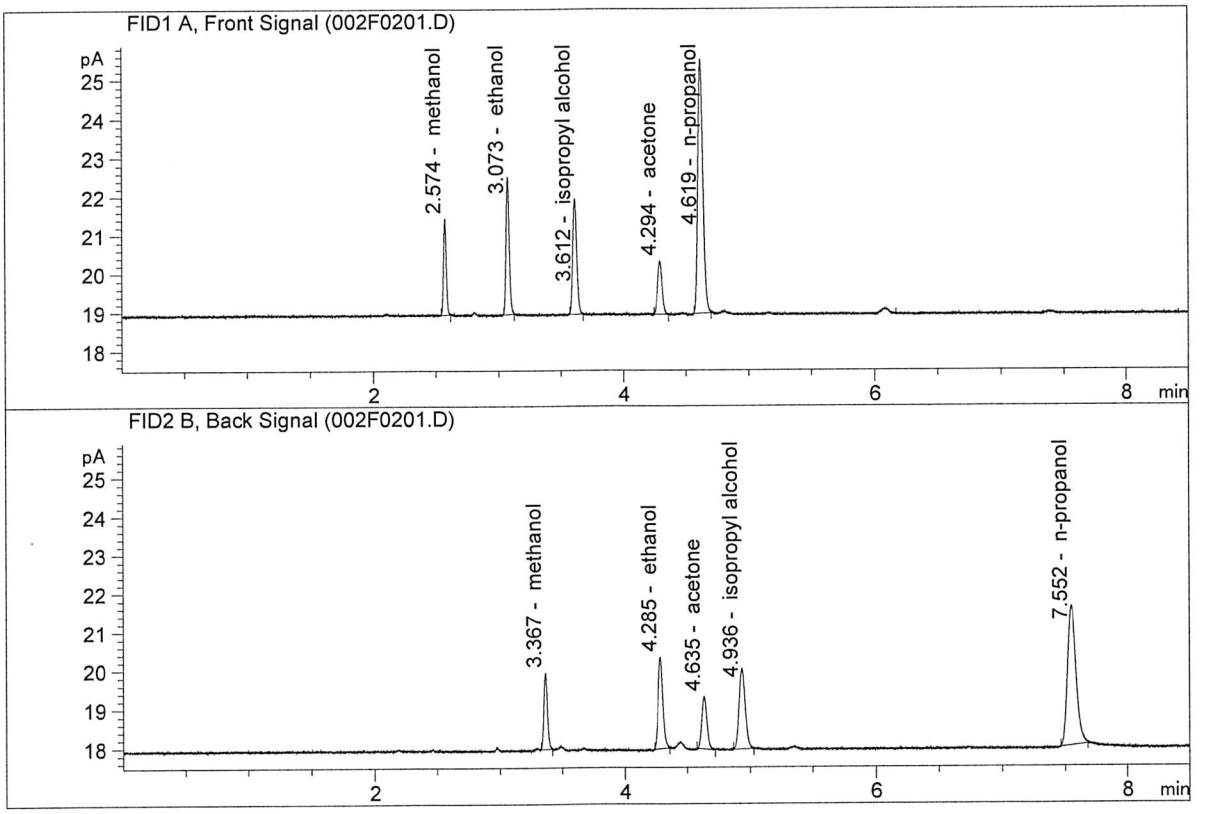


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	40.83015	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.17144	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : MIX VOL FN09231404
Laboratory : Meridian
Injection Date : Apr 4, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.40975	0.1632	g/100cc
2.	Ethanol	Column 2:	6.34545	0.1659	g/100cc
3.	n-Propanol	Column 1:	18.51847	1.0000	g/100cc
4.	n-Propanol	Column 2:	17.66359	1.0000	g/100cc

JL

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1 **Analysis Date(s): 04 Apr 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0789	0.0804	0.0015	0.0796	0.0795	
(g/100cc)	0.0785	0.0804	0.0019	0.0794		

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%**

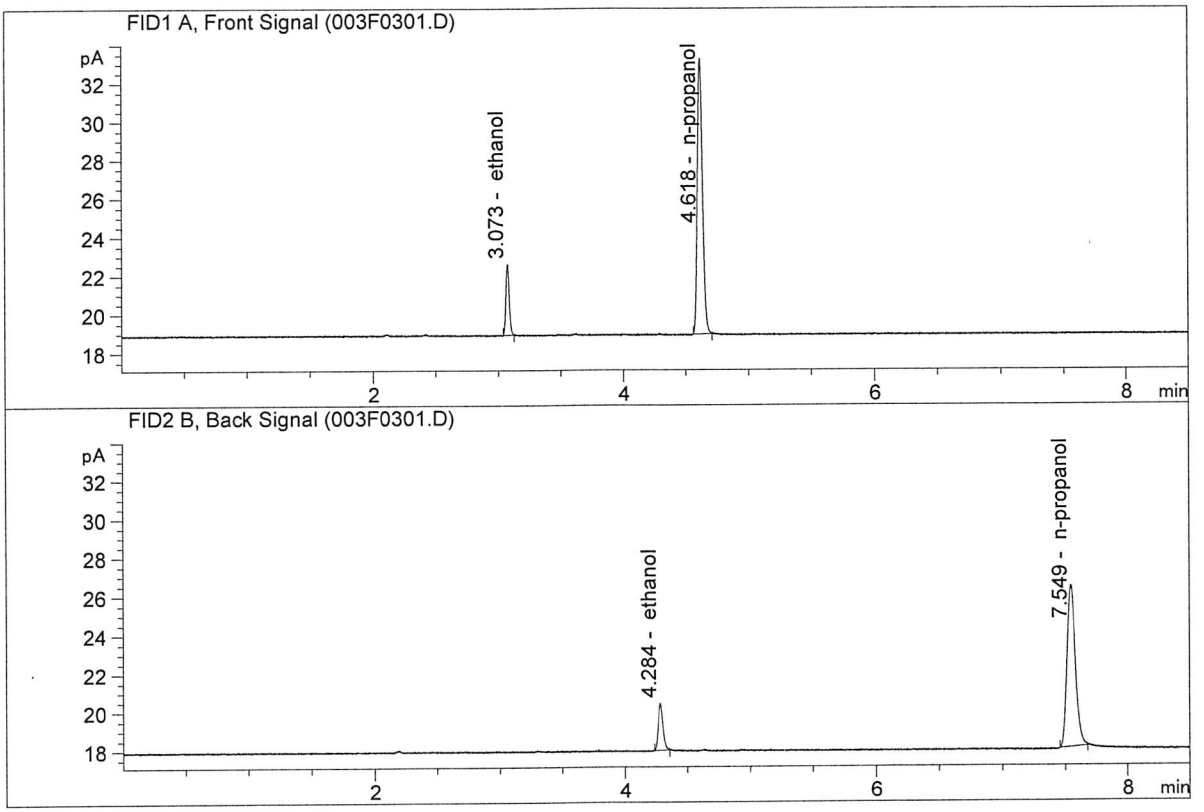
Overall Mean (g/100cc)	Low	High	5% of Mean
0.079	**0.075**	**0.083**	**0.004**

	Reported Result	
	0.079	

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-A
Laboratory : Meridian
Injection Date : Apr 4, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

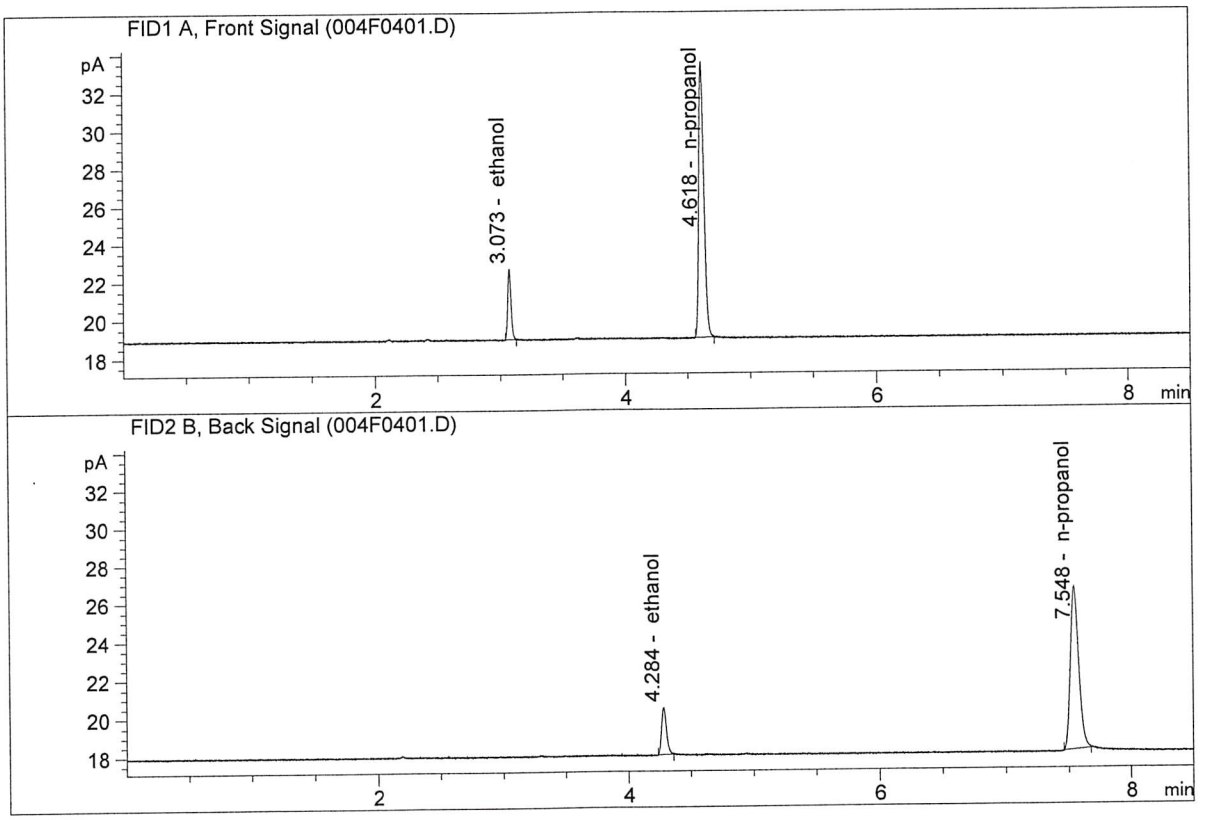


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.75919	0.0789	g/100cc
2.	Ethanol	Column 2:	6.65360	0.0804	g/100cc
3.	n-Propanol	Column 1:	40.77570	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.42654	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-B
Laboratory : Meridian
Injection Date : Apr 4, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.80806	0.0785	g/100cc
2.	Ethanol	Column 2:	6.71249	0.0804	g/100cc
3.	n-Propanol	Column 1:	41.27880	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.75240	1.0000	g/100cc

JG

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.08 FN10281510 **Analysis Date(s): 04 Apr 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0816	0.0828	0.0012	0.0822	0.0824	
(g/100cc)	0.0819	0.0834	0.0015	0.0826		

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
0.082	**0.077**	**0.087**	**0.005**

Reported Result

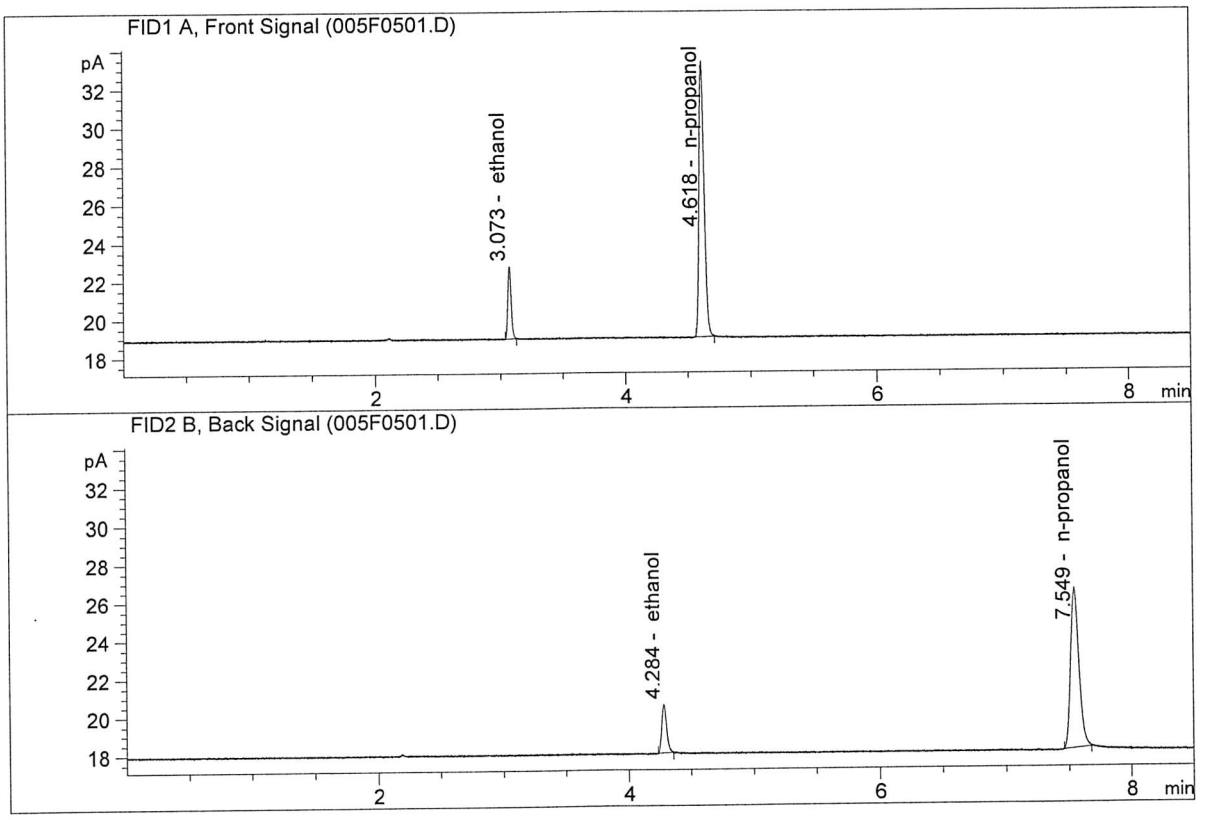
0.082

Calibration and control data are stored centrally.

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN10281510-A
Laboratory : Meridian
Injection Date : Apr 4, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

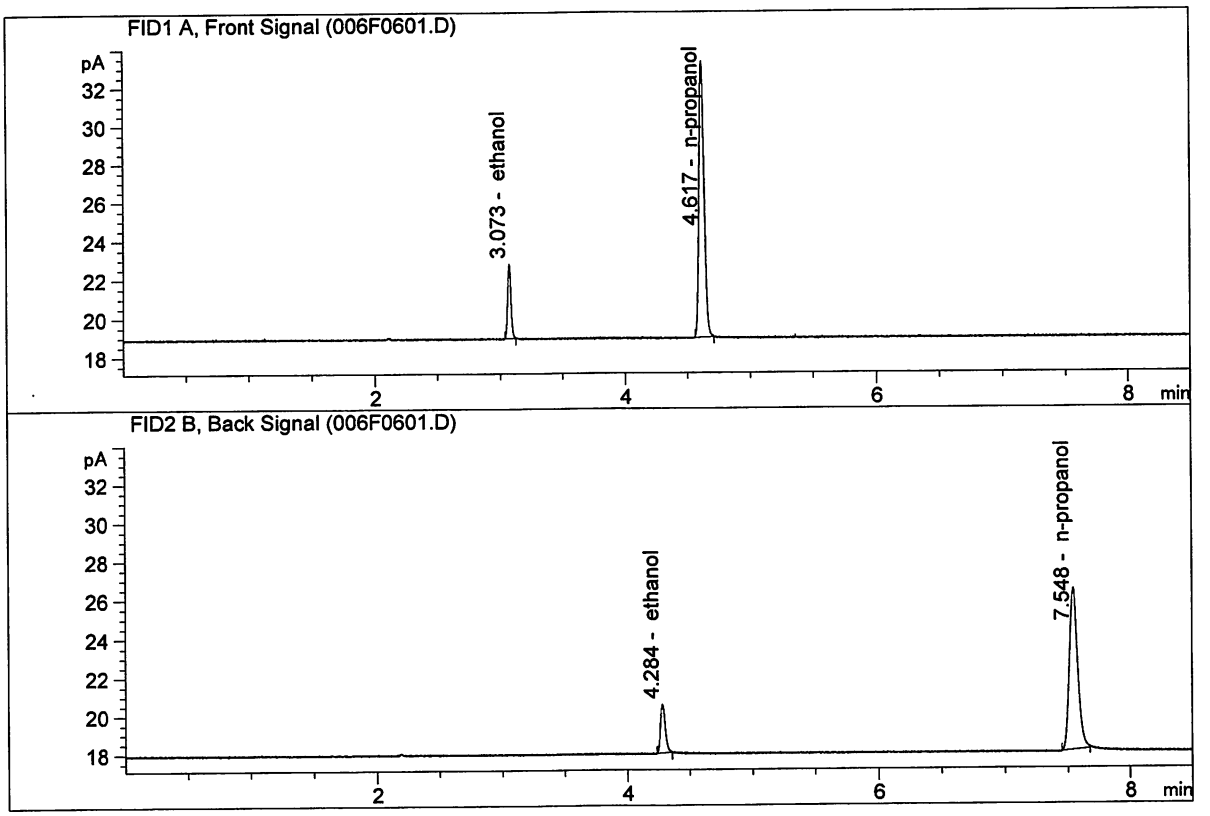


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.02745	0.0816	g/100cc
2.	Ethanol	Column 2:	6.88884	0.0828	g/100cc
3.	n-Propanol	Column 1:	40.98906	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.47475	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN10281510-B
Laboratory : Meridian
Injection Date : Apr 4, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.03722	0.0819	g/100cc
2.	Ethanol	Column 2:	6.91578	0.0834	g/100cc
3.	n-Propanol	Column 1:	40.85722	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.33596	1.0000	g/100cc

JG

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-2 **Analysis Date(s): 04 Apr 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean
Sample Results	0.0806	0.0831	0.0025	0.0818	0.0807
(g/100cc)	0.0784	0.0808	0.0024	0.0796	

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument method is stored centrally.*

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

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

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

Reported Result

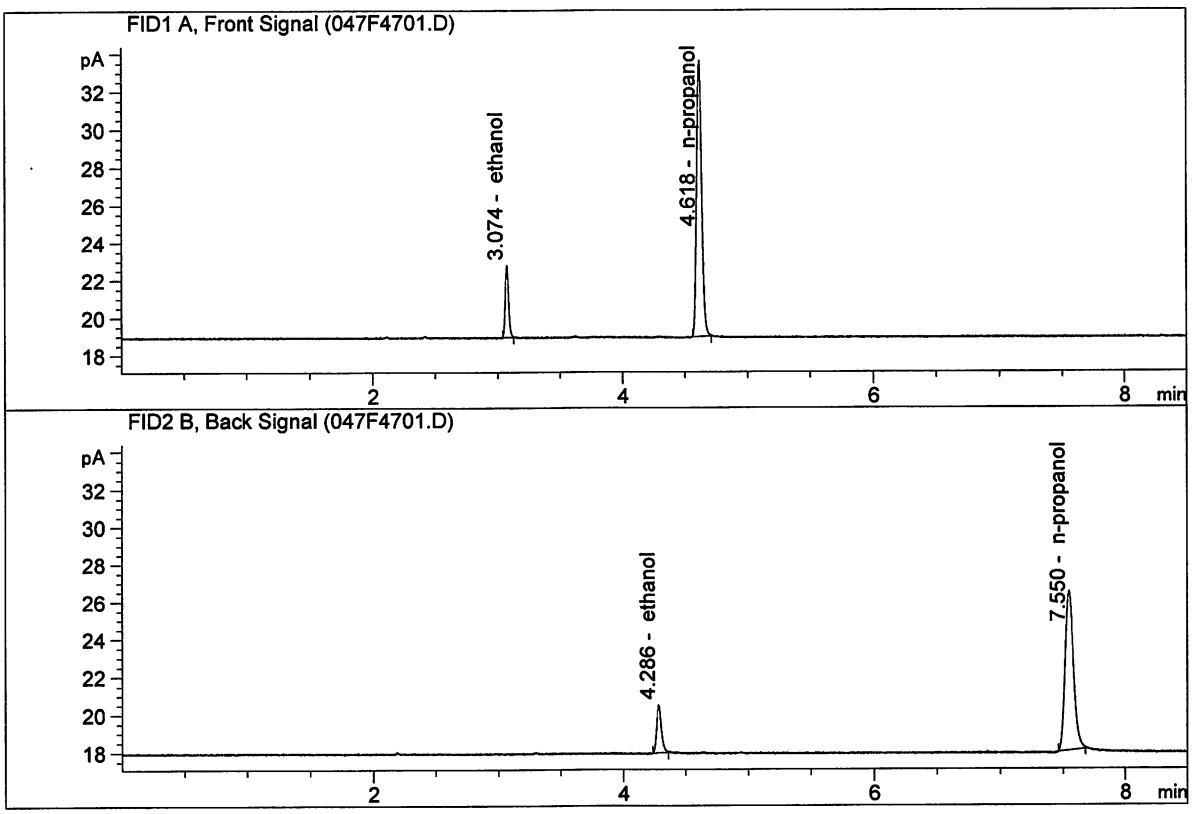
0.080

Calibration and control data are stored centrally.

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-A
Laboratory : Meridian
Injection Date : Apr 4, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

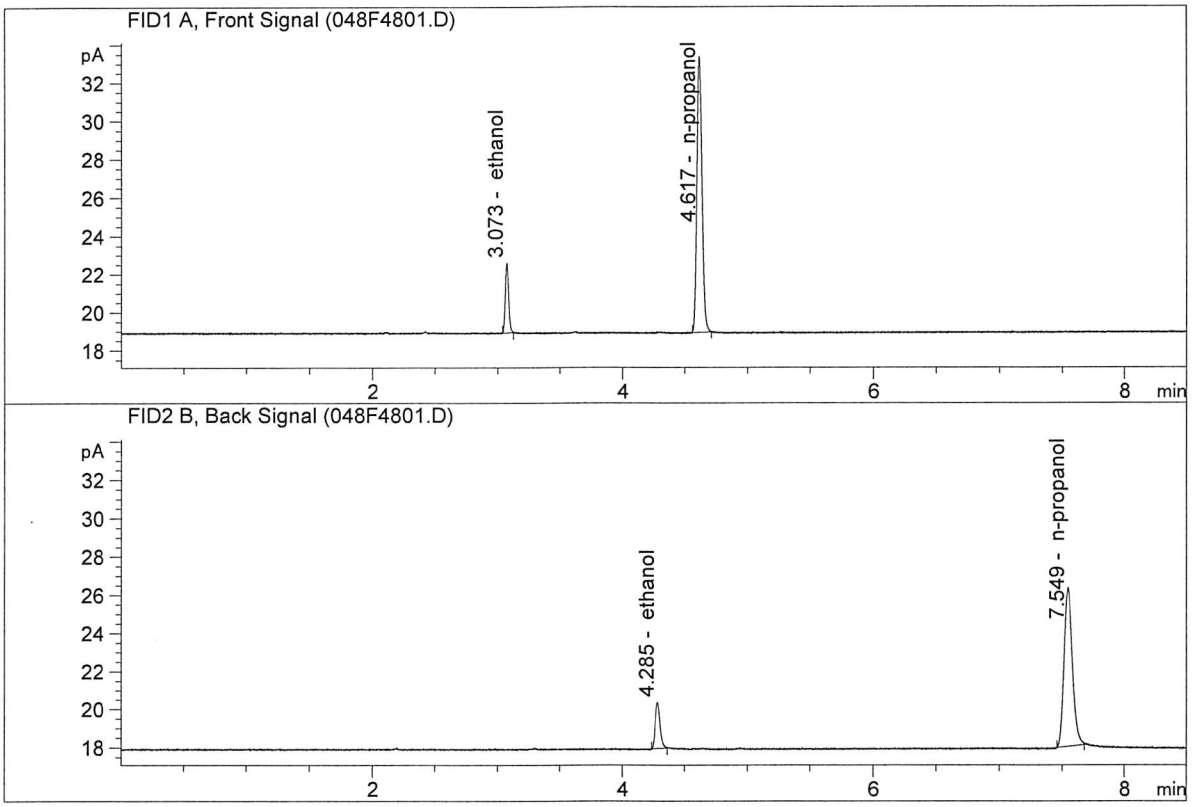


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.06388	0.0806	g/100cc
2.	Ethanol	Column 2:	6.92179	0.0831	g/100cc
3.	n-Propanol	Column 1:	41.70513	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.49662	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-B
Laboratory : Meridian
Injection Date : Apr 4, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.77163	0.0784	g/100cc
2.	Ethanol	Column 2:	6.60843	0.0808	g/100cc
3.	n-Propanol	Column 1:	41.10451	1.0000	g/100cc
4.	n-Propanol	Column 2:	39.92964	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-1 **Analysis Date(s): 04 Apr 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.2039	0.2051	0.0012	0.2045	0.2050	
(g/100cc)	0.2055	0.2057	0.0002	0.2056		

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
0.205	**0.194**	**0.216**	**0.011**

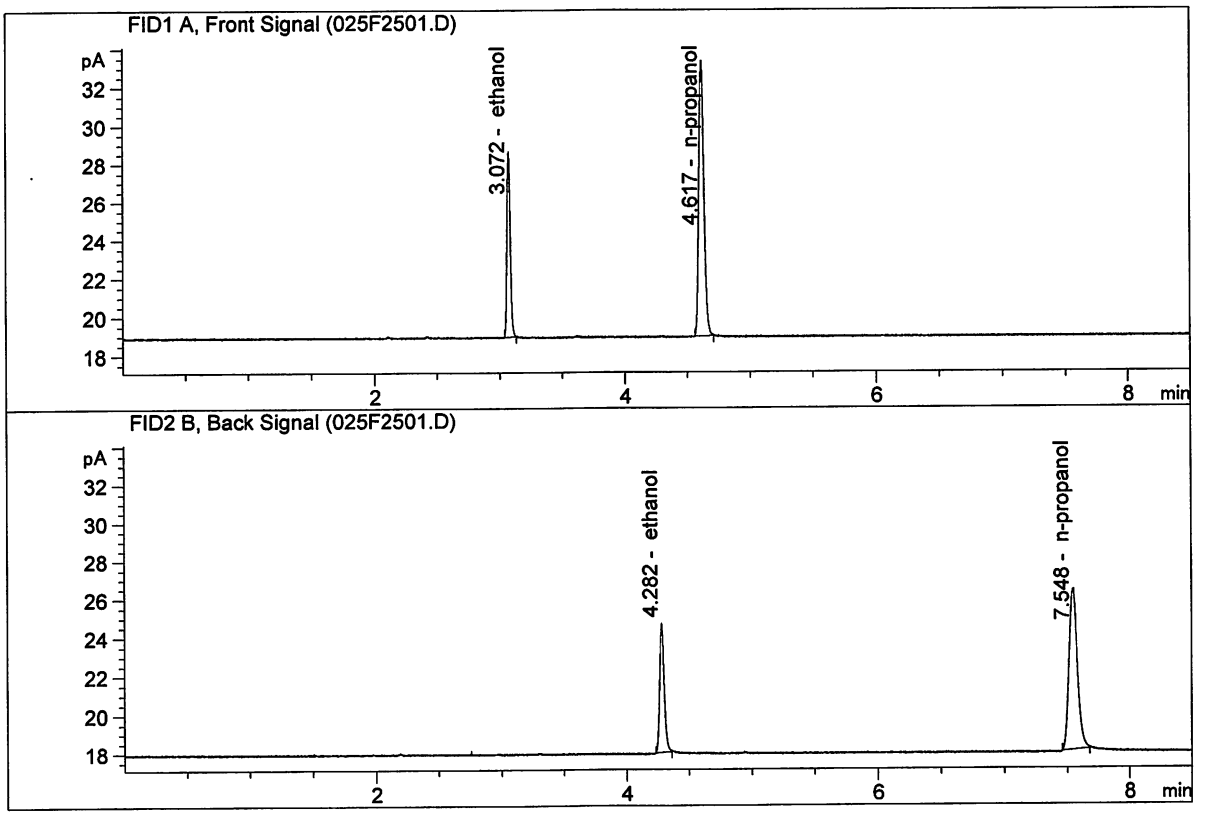
	Reported Result	
	0.205	

Calibration and control data are stored centrally.

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-A
Laboratory : Meridian
Injection Date : Apr 4, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

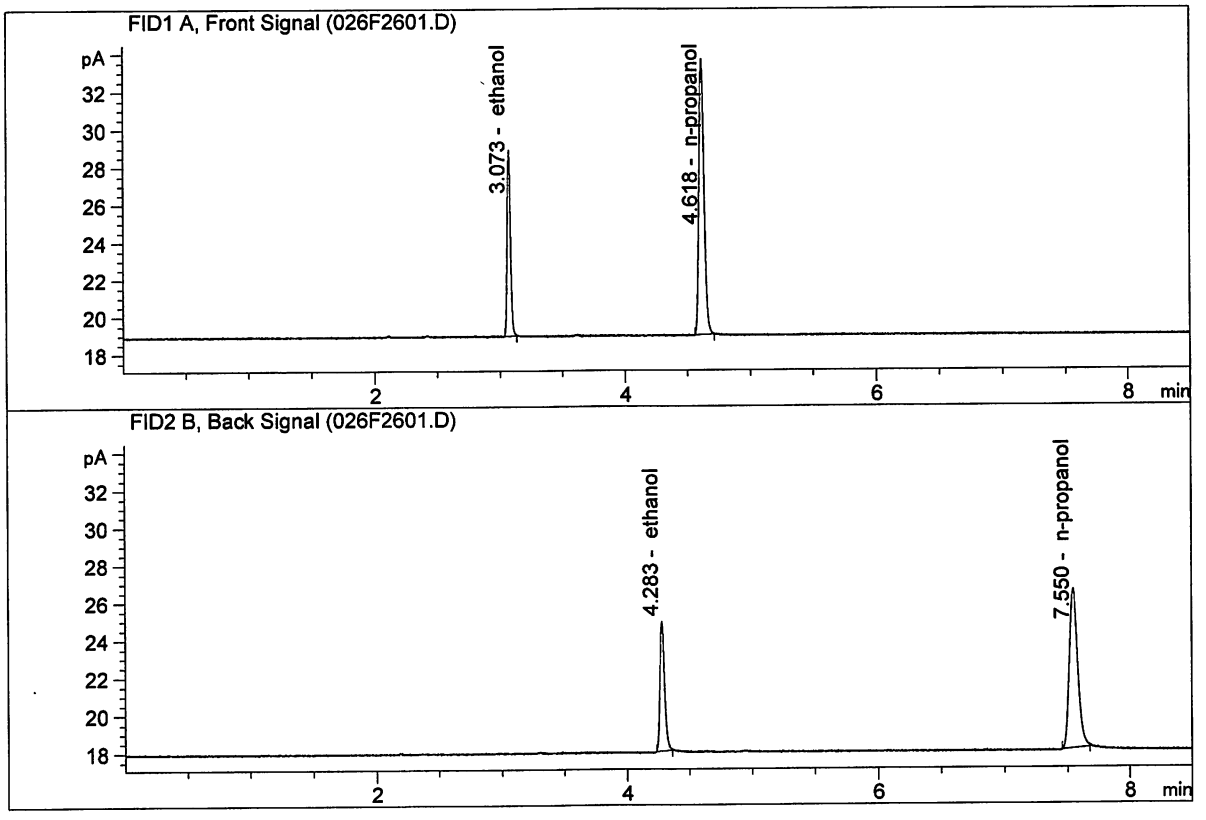


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.76143	0.2039	g/100cc
2.	Ethanol	Column 2:	17.93070	0.2051	g/100cc
3.	n-Propanol	Column 1:	40.99311	1.0000	g/100cc
4.	n-Propanol	Column 2:	39.99403	1.0000	g/100cc

JL

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-B
Laboratory : Meridian
Injection Date : Apr 4, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.26683	0.2055	g/100cc
2.	Ethanol	Column 2:	18.37166	0.2057	g/100cc
3.	n-Propanol	Column 1:	41.83104	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.84390	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-2 **Analysis Date(s): 05 Apr 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.2051	0.2072	0.0021	0.2061	0.2059	
(g/100cc)	0.2047	0.2069	0.0022	0.2058		

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
0.205	**0.194**	**0.216**	**0.011**

Reported Result

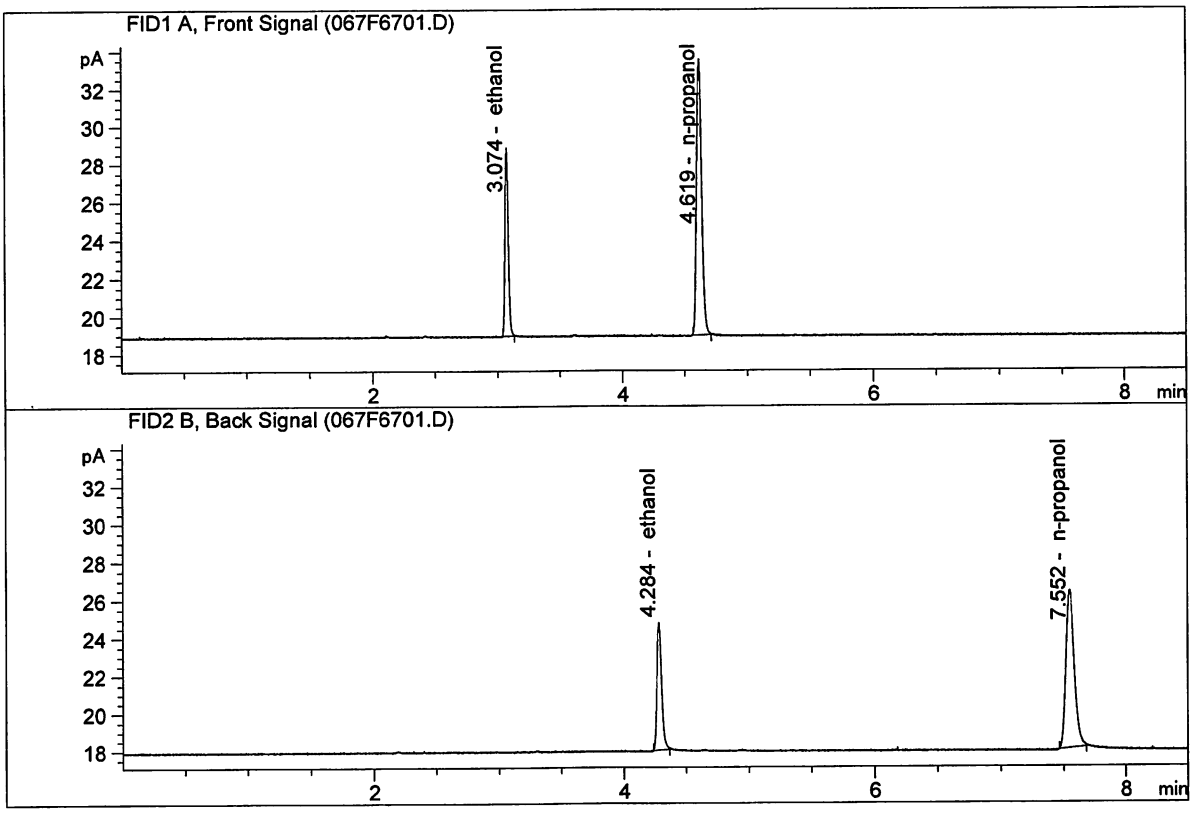
0.205

Calibration and control data are stored centrally.

JL

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-2-A
Laboratory : Meridian
Injection Date : Apr 5, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

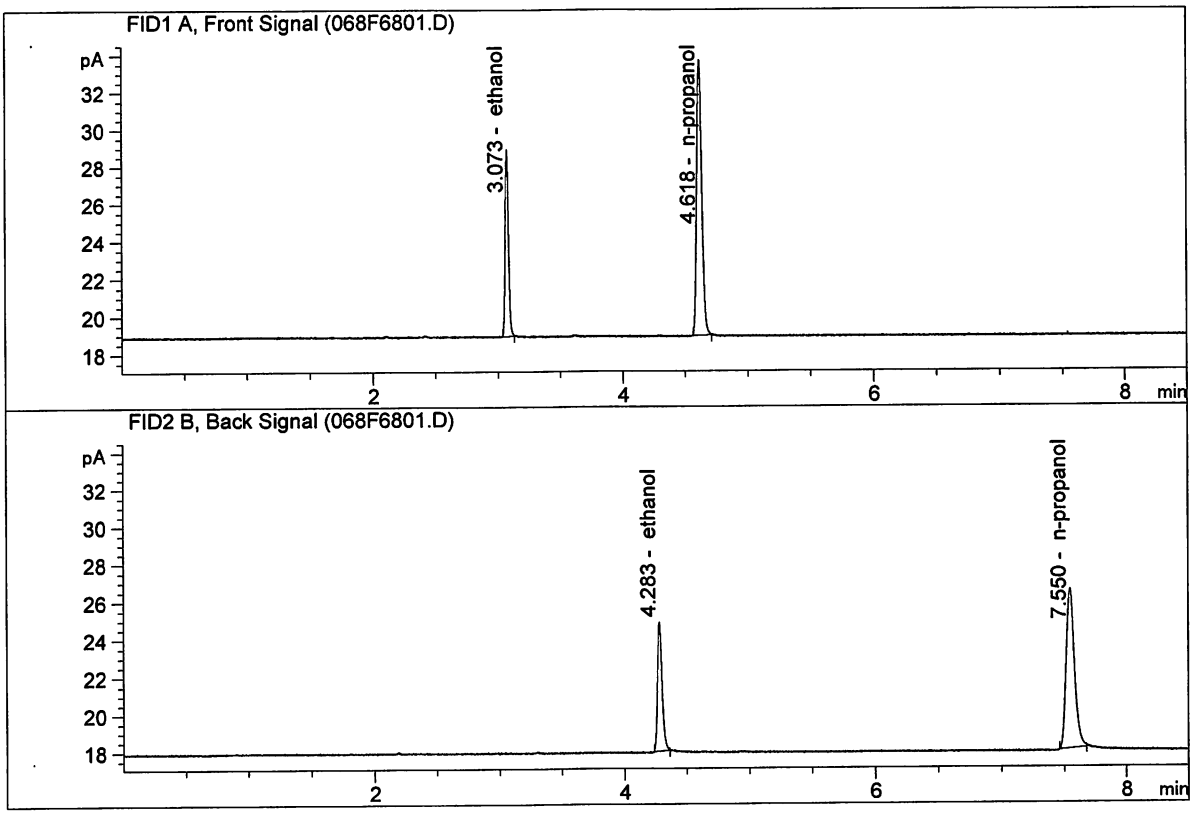


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.06452	0.2051	g/100cc
2.	Ethanol	Column 2:	18.14609	0.2072	g/100cc
3.	n-Propanol	Column 1:	41.43736	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.05520	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-2-B
Laboratory : Meridian
Injection Date : Apr 5, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

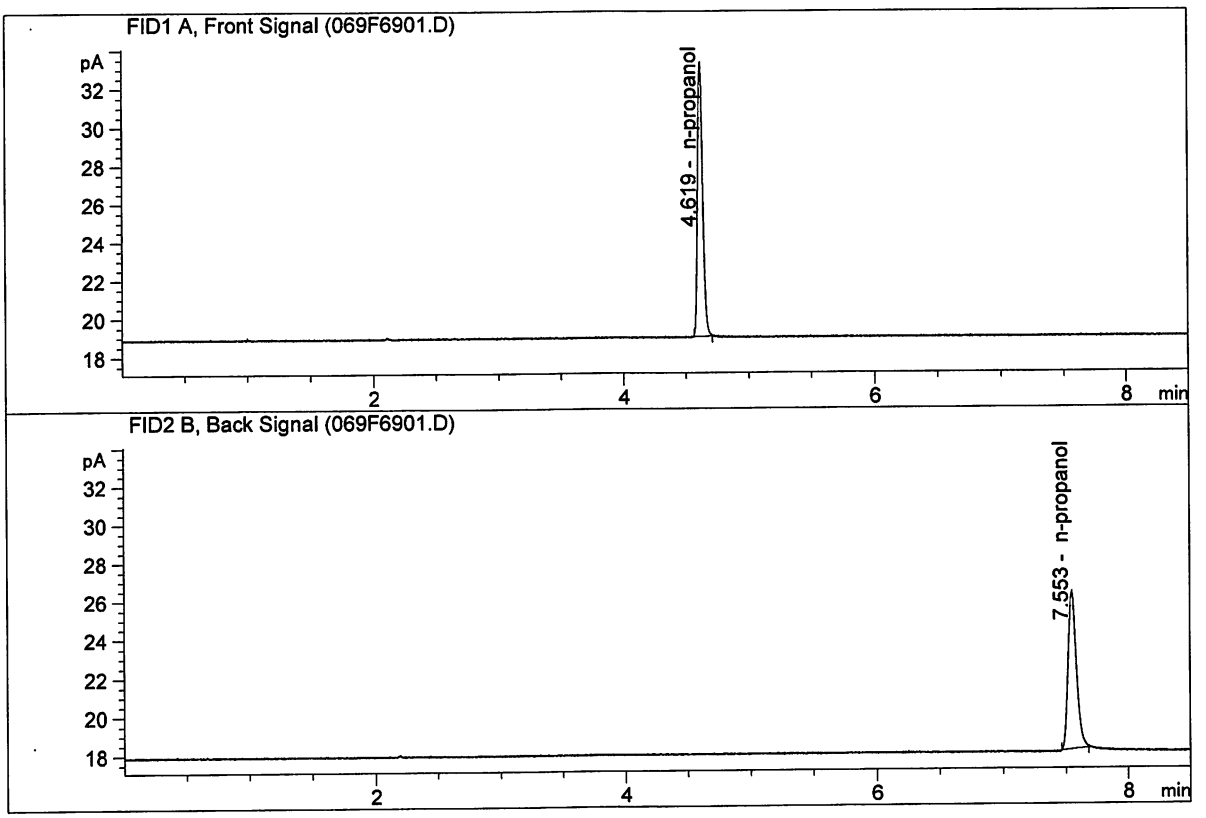


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.24324	0.2047	g/100cc
2.	Ethanol	Column 2:	18.34379	0.2069	g/100cc
3.	n-Propanol	Column 1:	41.93298	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.53487	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : Apr 5, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

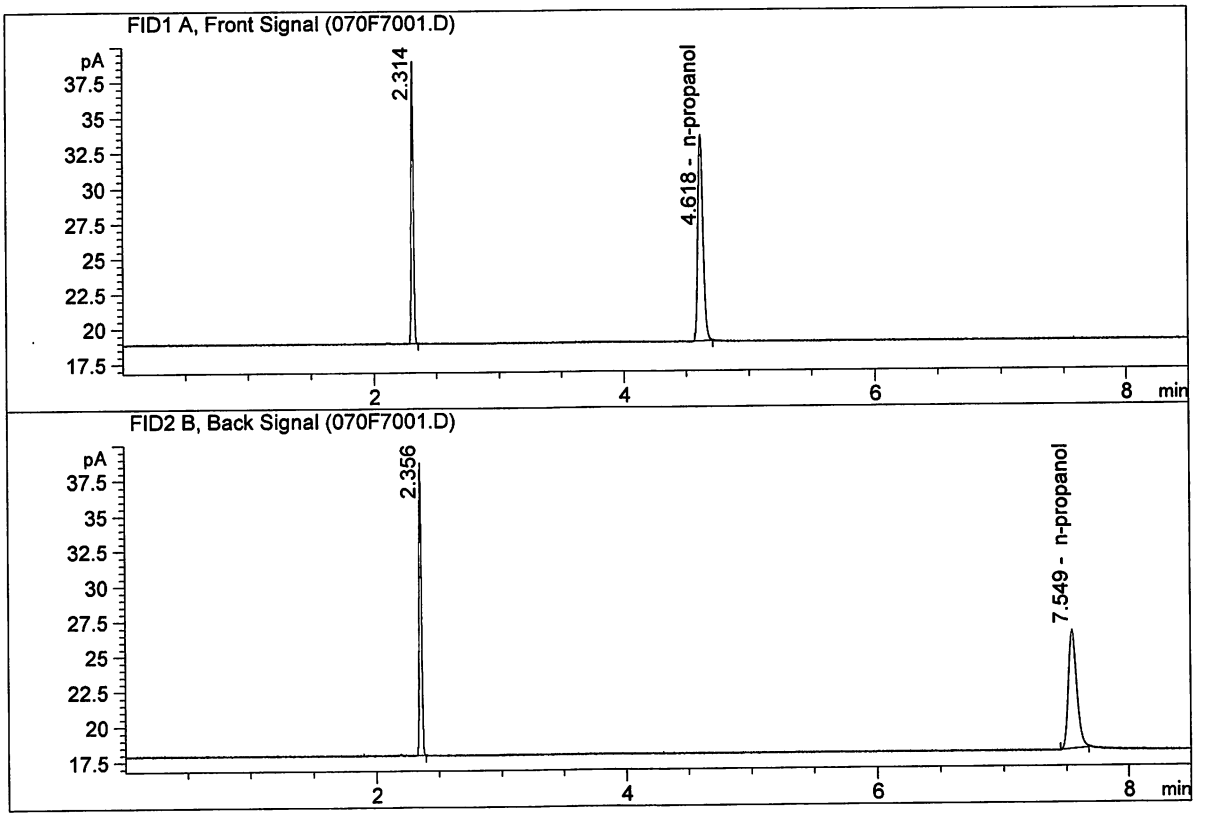


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	40.70985	1.0000	g/100cc
4.	n-Propanol	Column 2:	39.33179	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : DFE 111914OM
Laboratory : Meridian
Injection Date : Apr 5, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

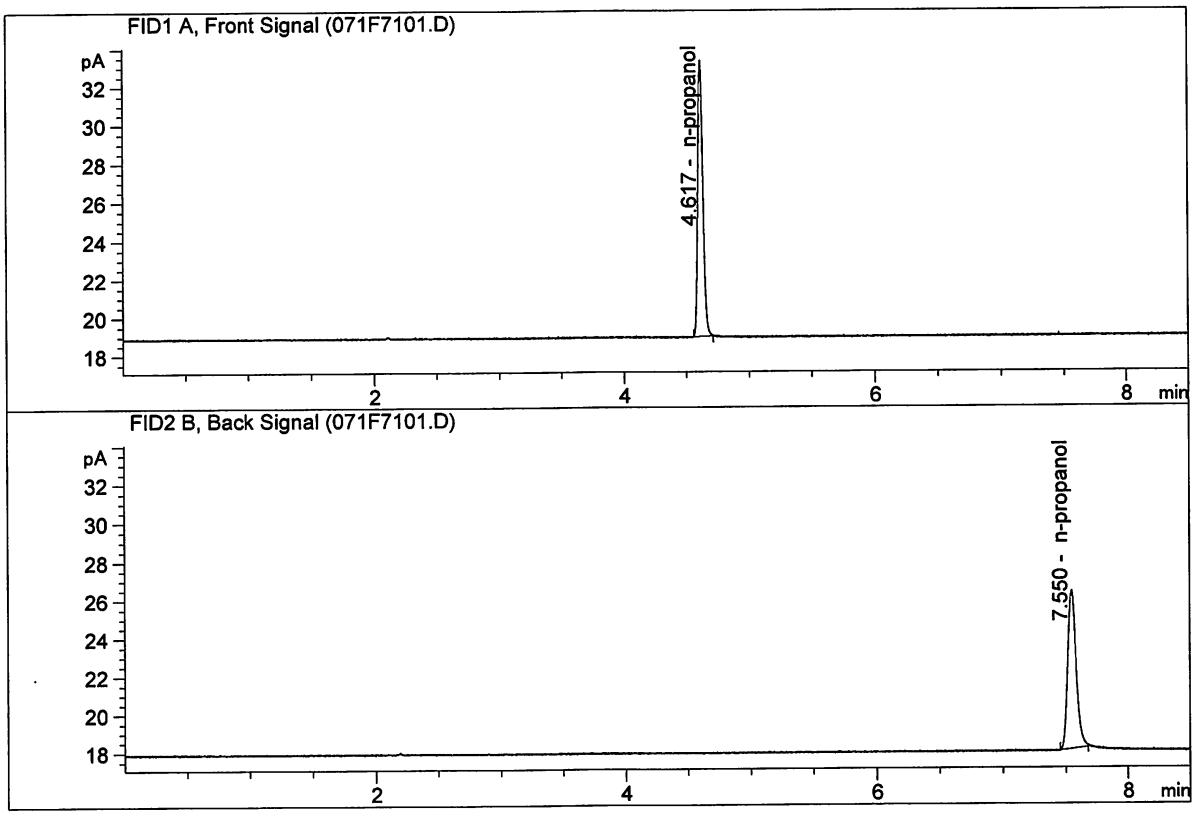


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	41.71194	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.67336	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : BLK
Laboratory : Meridian
Injection Date : Apr 5, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

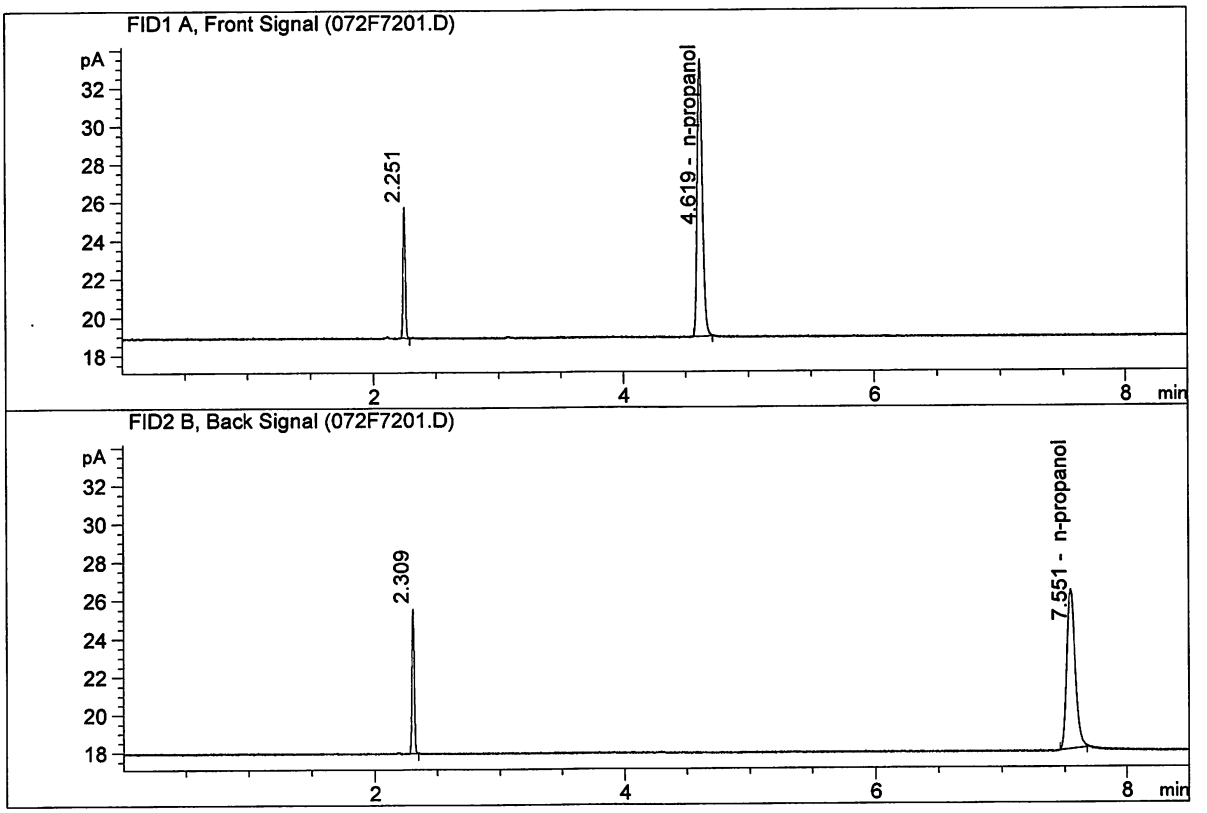


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	40.95737	1.0000	g/100cc
4.	n-Propanol	Column 2:	39.86316	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : TFE 111914
Laboratory : Meridian
Injection Date : Apr 5, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

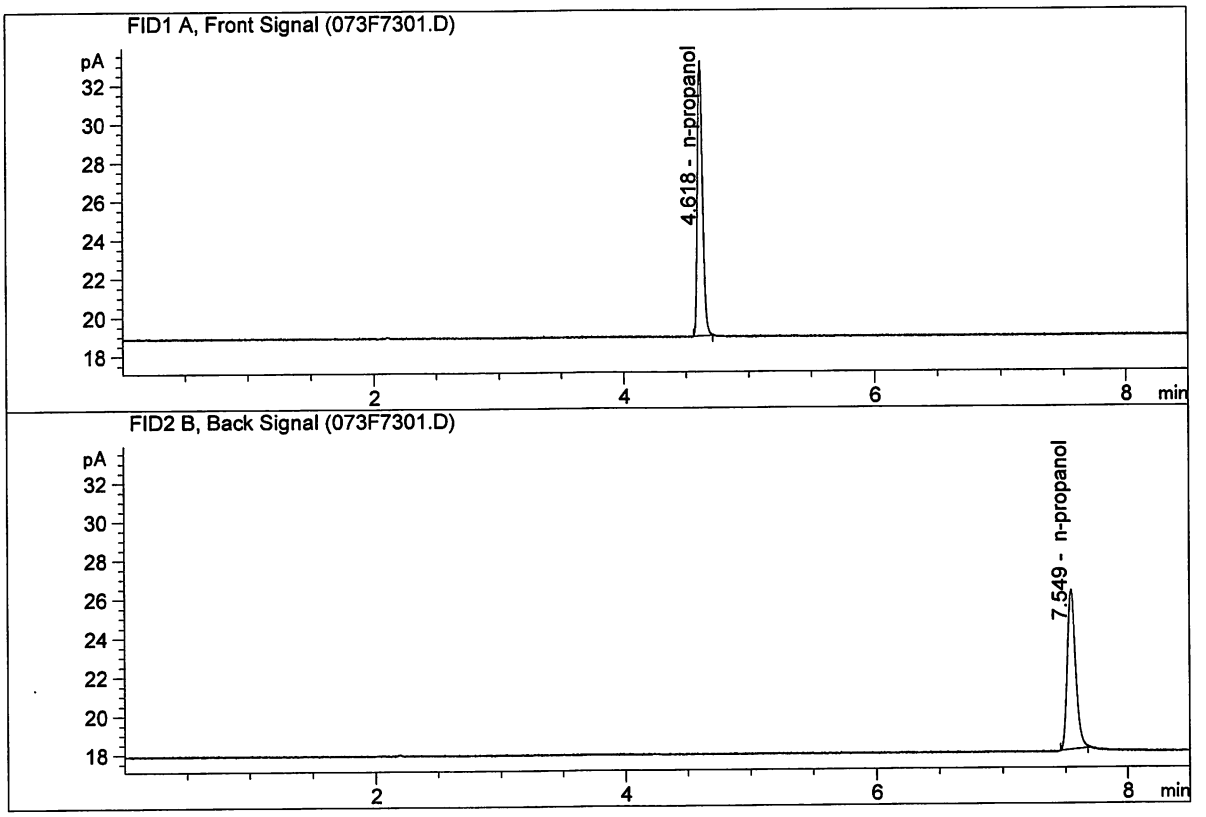


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	41.23369	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.02233	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : BLK
Laboratory : Meridian
Injection Date : Apr 5, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

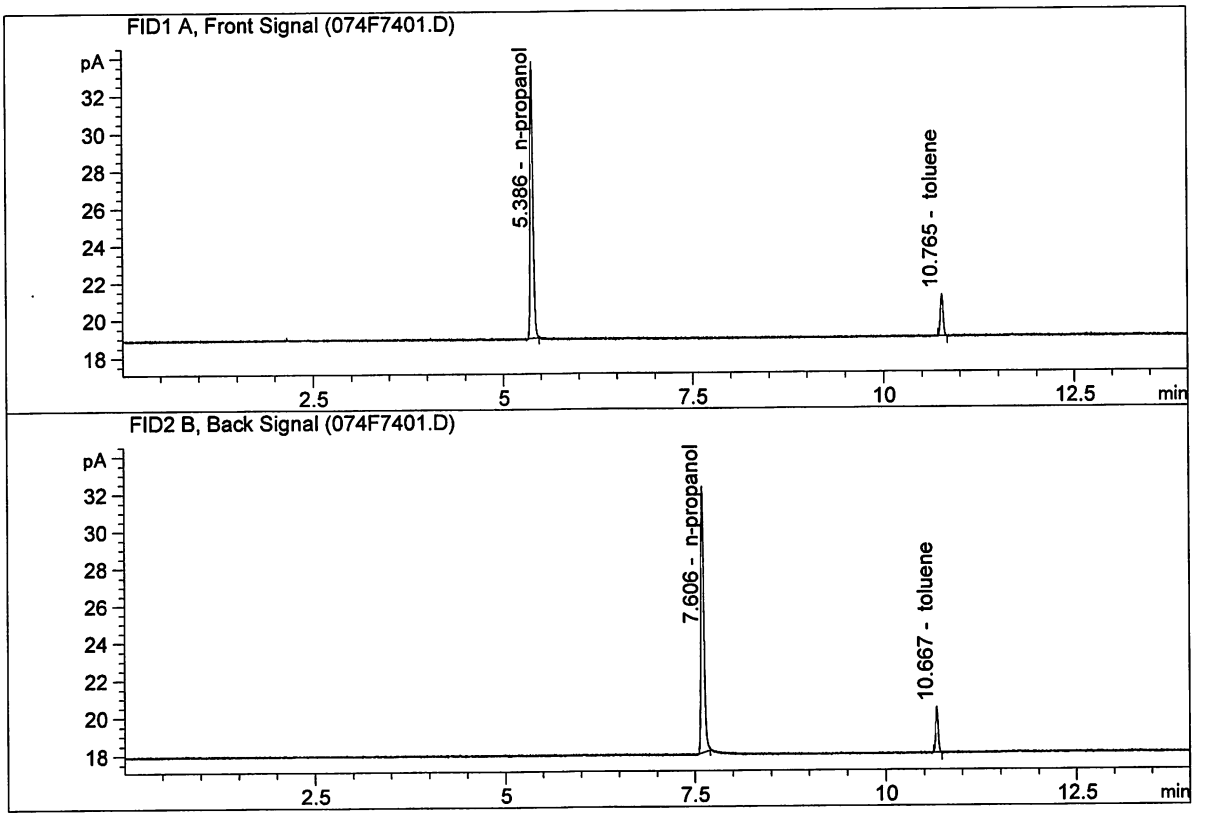


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	40.36220	1.0000	g/100cc
4.	n-Propanol	Column 2:	39.11781	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : TOLUENE 002007
Laboratory : Meridian
Injection Date : Apr 5, 2017
Method : VOLATILES.M
Acq. Instrument: CN11180014-CN11041167

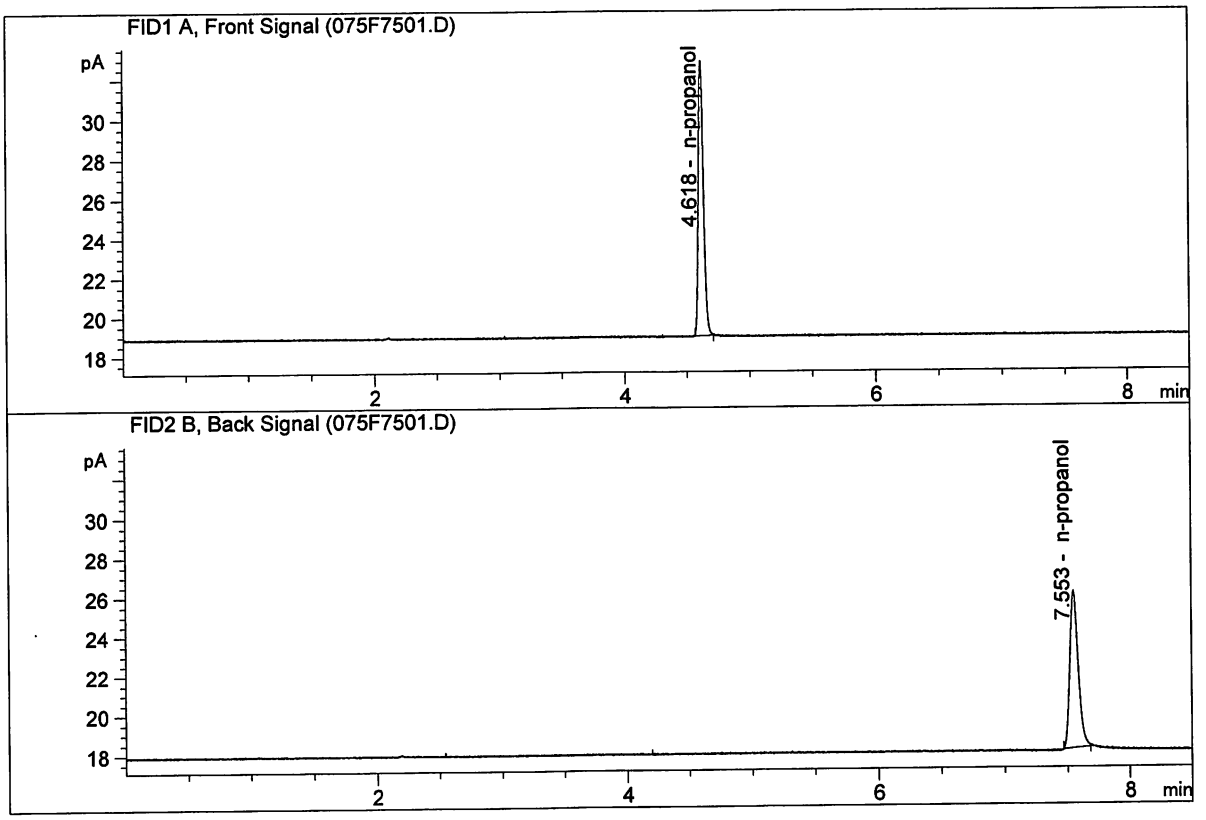


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	38.34900	1.0000	g/100cc
4.	n-Propanol	Column 2:	38.27979	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : BLK
Laboratory : Meridian
Injection Date : Apr 5, 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:	39.56473	1.0000	g/100cc
4.	n-Propanol	Column 2:	38.36620	1.0000	g/100cc

JC

Sample Summary

Sequence table: C:\Chem32\1\Data\04-04-17_SAMPLES\04-04-17_SAMPLES 2017-04-04 13-16-53\04-04-17_SAMPLES.S
Data directory path: C:\Chem32\1\Data\04-04-17_SAMPLES\04-04-17_SAMPLES 2017-04-04 13-16-53\
Logbook: C:\Chem32\1\Data\04-04-17_SAMPLES\04-04-17_SAMPLES 2017-04-04 13-16-53\04-04-17_SAMPLES.LOG
Sequence start: 4/4/2017 1:31:47 PM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\04-04-17_SAMPLES\04-04-17_SAMPLES 2017-04-04 13-16-53\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	M2017-1204-1-A 2 JC	-	1.0000	007F0701.D		2
8	8	1	M2017-1204-1-B 2JG	-	1.0000	008F0801.D		2
9	9	1	M2017-1221-1-A	-	1.0000	009F0901.D		3
10	10	1	M2017-1221-1-B	-	1.0000	010F1001.D		3
11	11	1	M2017-1246-3-A	-	1.0000	011F1101.D		2
12	12	1	M2017-1246-3-B	-	1.0000	012F1201.D		2
13	13	1	M2017-1246-5-A	-	1.0000	013F1301.D		2
14	14	1	M2017-1246-5-B	-	1.0000	014F1401.D		2
15	15	1	M2017-1246-7-A	-	1.0000	015F1501.D		2
16	16	1	M2017-1246-7-B	-	1.0000	016F1601.D		2
17	17	1	M2017-1246-9-A	-	1.0000	017F1701.D		2
18	18	1	M2017-1246-9-B	-	1.0000	018F1801.D		2
19	19	1	M2017-1246-11-A	-	1.0000	019F1901.D		2
20	20	1	M2017-1246-11-B	-	1.0000	020F2001.D		2
21	21	1	M2017-1246-12-A	-	1.0000	021F2101.D		2
22	22	1	M2017-1246-12-B	-	1.0000	022F2201.D		2
23	23	1	M2017-1316-1-A	-	1.0000	023F2301.D		4
24	24	1	M2017-1316-1-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	M2017-1327-1-A	-	1.0000	027F2701.D		2
28	28	1	M2017-1327-1-B	-	1.0000	028F2801.D		2
29	29	1	M2017-1340-1-A	-	1.0000	029F2901.D		4
30	30	1	M2017-1340-1-B	-	1.0000	030F3001.D		4
31	31	1	M2017-1341-1-A	-	1.0000	031F3101.D		4
32	32	1	M2017-1341-1-B	-	1.0000	032F3201.D		4
33	33	1	M2017-1342-1-A	-	1.0000	033F3301.D		4
34	34	1	M2017-1342-1-B	-	1.0000	034F3401.D		4
35	35	1	M2017-1343-1-A	-	1.0000	035F3501.D		4
36	36	1	M2017-1343-1-B	-	1.0000	036F3601.D		4
37	37	1	M2017-1343-1-A X	-	1.0000	037F3701.D		4
38	38	1	M2017-1343-1-B X	-	1.0000	038F3801.D		4
39	39	1	M2017-1343-1-A X	-	1.0000	039F3901.D		2
40	40	1	M2017-1343-1-B X	-	1.0000	040F4001.D		2
41	41	1	M2017-1343-2-A	-	1.0000	041F4101.D		4
42	42	1	M2017-1343-2-B	-	1.0000	042F4201.D		4
43	43	1	M2017-1343-2-A X	-	1.0000	043F4301.D		4

JC

Run #	Location #	Inj	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal	# Cmp
44	44	1	M2017-1343-2-B X	-	1.0000	044F4401.D		4
45	45	1	M2017-1343-2-A X	-	1.0000	045F4501.D		2
46	46	1	M2017-1343-2-B X	-	1.0000	046F4601.D		2
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	M2017-1357-1-A	-	1.0000	049F4901.D		2
50	50	1	M2017-1357-1-B	-	1.0000	050F5001.D		2
51	51	1	M2017-1360-1-A	-	1.0000	051F5101.D		4
52	52	1	M2017-1360-1-B	-	1.0000	052F5201.D		4
53	53	1	M2017-1361-1-A	-	1.0000	053F5301.D		4
54	54	1	M2017-1361-1-B	-	1.0000	054F5401.D		4
55	55	1	M2017-1380-1-A	-	1.0000	055F5501.D		4
56	56	1	M2017-1380-1-B	-	1.0000	056F5601.D		4
57	57	1	M2017-1383-1-A	-	1.0000	057F5701.D		4
58	58	1	M2017-1383-1-B	-	1.0000	058F5801.D		4
59	59	1	M2017-1414-1-A	-	1.0000	059F5901.D		4
60	60	1	M2017-1414-1-B	-	1.0000	060F6001.D		4
61	61	1	P2017-0682-1-A 2 JG	-	1.0000	061F6101.D		4
62	62	1	P2017-0682-1-B 2 JG	-	1.0000	062F6201.D		4
63	63	1	P2017-0696-1-A	-	1.0000	063F6301.D		4
64	64	1	P2017-0696-1-B	-	1.0000	064F6401.D		4
65	65	1	P2017-0709-1-A 2 JG	-	1.0000	065F6501.D		2
66	66	1	P2017-0709-1-B 2 JG	-	1.0000	066F6601.D		2
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
70	70	1	DFE 111914OM	-	1.0000	070F7001.D		2
71	71	1	BLK	-	1.0000	071F7101.D		2
72	72	1	TFE 111914	-	1.0000	072F7201.D		2
73	73	1	BLK	-	1.0000	073F7301.D		2

Method file name: C:\Chem32\1\Data\04-04-17_SAMPLES\04-04-17_SAMPLES 2017-04-04 13-16-53\VOLATILES.M

Run #	Location #	Inj	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal	# Cmp
74	74	1	TOLUENE 002007	-	1.0000	074F7401.D		4

Method file name: C:\Chem32\1\Data\04-04-17_SAMPLES\04-04-17_SAMPLES 2017-04-04 13-16-53\ALCOHOL.M

Run #	Location #	Inj	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal	# Cmp
75	75	1	BLK	-	1.0000	075F7501.D		2

~~Samples ran on 4/5/17. These will be rerun in the next batch~~ JG 4/13/17

JG

Sequence File C:\Chem32\...7_SAMPLES\04-04-17_SAMPLES 2017-04-04 13-16-53\04-04-17_SAMPLES.S

Method file name: C:\Chem32\1\Data\04-04-17_SAMPLES\04-04-17_SAMPLES 2017-04-04 13-16-53\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

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

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1 Warnings or Errors :

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

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Calibration Curves

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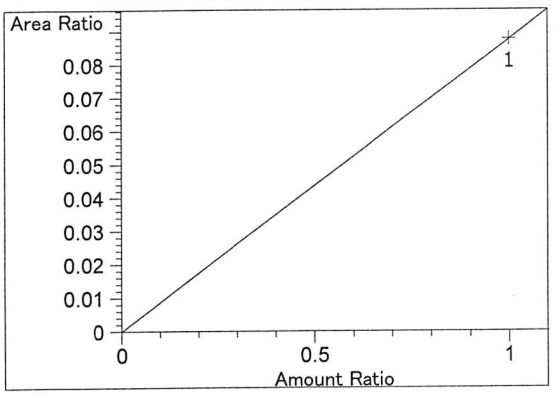
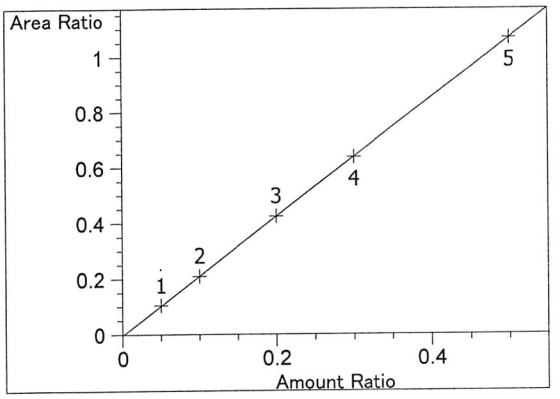
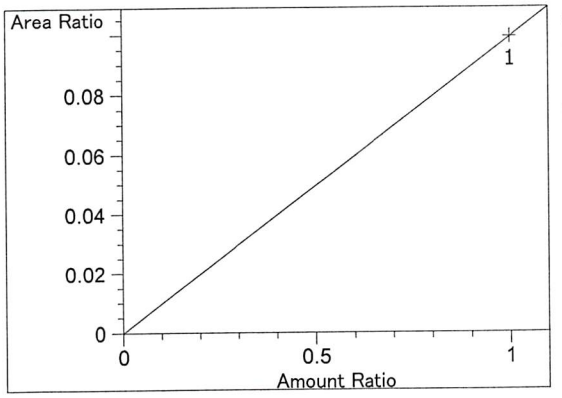


methanol at exp. RT: 2.586
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.76418e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio

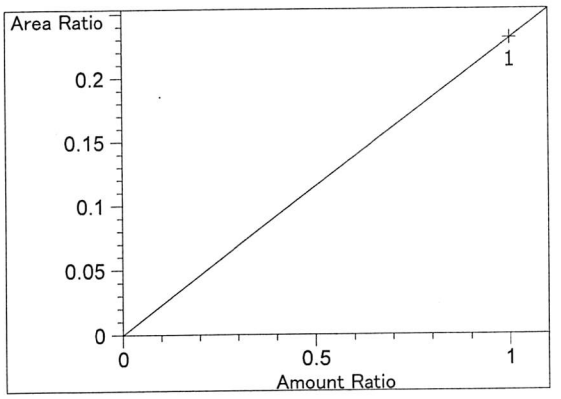
JG



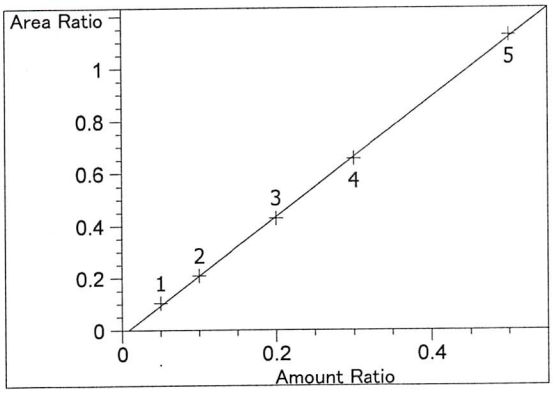
ethanol at exp. RT: 3.072
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00121
Formula: y = mx + b
m: 2.14080
b: -3.14635e-3
x: Amount Ratio
y: Area Ratio



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

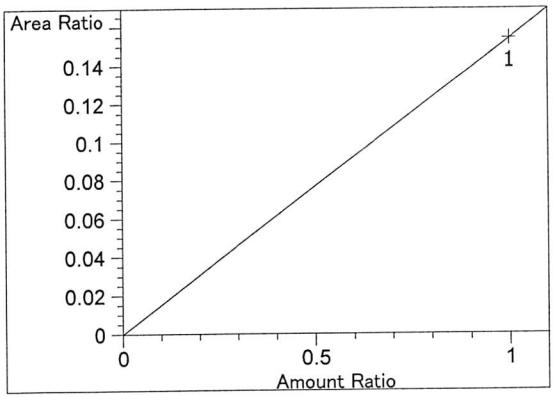


isopropyl alcohol at exp. RT: 3.628
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 2.30693e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio

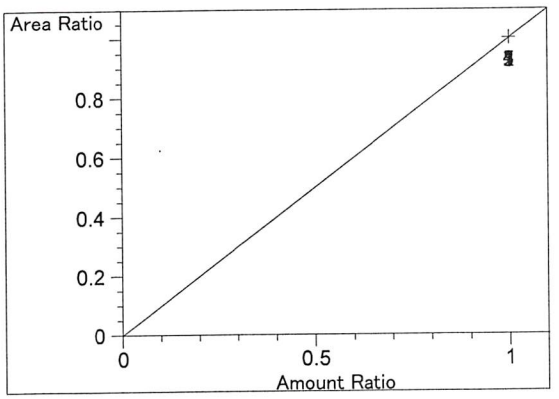


ethanol at exp. RT: 4.282
FID2 B, Back Signal
Correlation: 0.99982
Residual Std. Dev.: 0.00893
Formula: y = mx + b
m: 2.27461
b: -1.81820e-2
x: Amount Ratio
y: Area Ratio

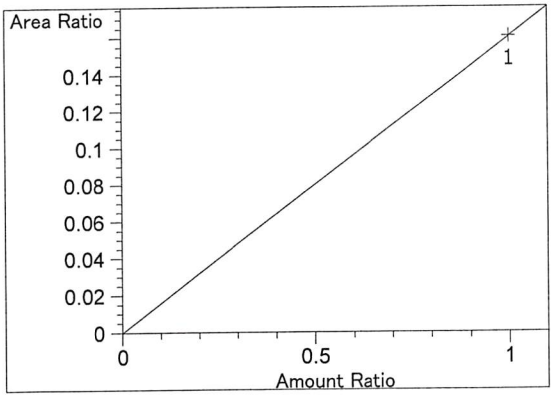
JG



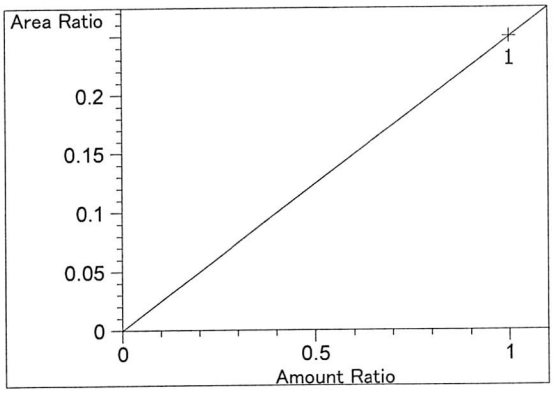
acetone at exp. RT: 4.308
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.54089e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



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

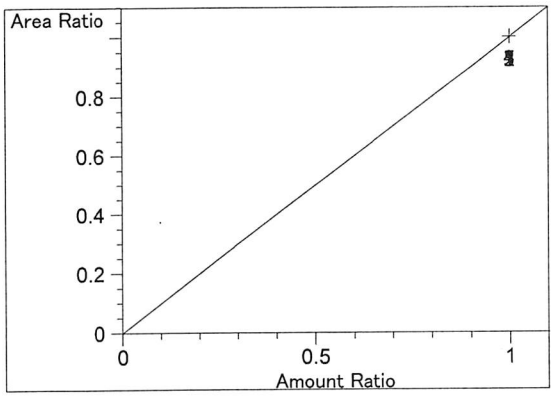


acetone at exp. RT: 4.661
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.60480e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



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

JG



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

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JG