Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Analytical Method(s): 1.0

Device: Hamilton MICROLAB 503A Liquid Processor/Dilutor Serial Number: MD96BC1382/MD94AM10010

Volatiles Quality Assurance Controls

Run Dates:12/12/17-12/13/17

Calibration: 12/11/17

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jul-18	1407031	0.0780	0.0702-0.0858	0.0805 g/100cc
					0.0794 g/100cc
					g/100cc
Level 2	Jul-18	1407032	0.2020	0.1818-.2222	0.2041 g/100cc
					g/100cc
					g/100cc
Multi-Component mixture:		**Exp date: Oct 2019**	**Lot #**	FN09231404	OK
Curve Fit:			**Column 1**	0.99999 **Column2**	0.99994

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	0.0507	0.0518	0.0011	0.0512
0.080			0.080	0.072 - 0.088			0	#DIV/0!
0.100	Jun-19	FN06181501	0.100	0.090 - 0.110	0.1002	0.1005	0.0003	0.1003
0.200	Dec-19	FN12011401	0.200	0.180 - 0.220	0.1996	0.1983	0.0013	0.1989
0.300	Jun-20	FN02121501	0.300	0.270 - 0.330	0.2985	0.2977	0.0008	0.2981
0.400			0.400	0.360 - 0.440			0	#DIV/0!
0.500	Aug-19	FN07031402	0.500	0.450 - 0.550	0.5009	0.5018	0.0009	0.5013

Aqueous Controls

Control level	Expiration	Cerilliant Lot #	Target Value	Acceptable Range	Overall Results
0.080	Nov-20	FN10281510	0.08000	0.076 - 0.084	0.082 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

Worklist: 2078

LAB_CASE	ITEM	TASK_ID	DESCRIPTION
M2017-5510	1	101330	Alcohol Analysis
M2017-5556	1	101674	Alcohol Analysis
M2017-5557	1	102174	Alcohol Analysis
M2017-5557	2	102173	Alcohol Analysis
M2017-5558	1	101678	Alcohol Analysis
M2017-5559	1	101679	Alcohol Analysis
M2017-5560	1	101680	Alcohol Analysis
M2017-5561	1	101681	Alcohol Analysis
M2017-5562	1	101682	Alcohol Analysis
M2017-5580	1	101731	Alcohol Analysis
M2017-5581	1	101732	Alcohol Analysis
M2017-5604	1	101815	Alcohol Analysis
M2017-5605	1	101816	Alcohol Analysis
M2017-5606	1	101819	Alcohol Analysis
M2017-5608	2	101824	Alcohol Analysis
M2017-5627	1	101899	Alcohol Analysis
M2017-5640	1	102013	Alcohol Analysis
M2017-5641	1	102016	Alcohol Analysis

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Calibration Table

General Calibration Setting

Calib. Data Modified : Monday, December 11, 2017 5:05:36 PM
Signals calculated separately : No

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

Curve Type : Linear
Origin : Ignored
Weight : Equal

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

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

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

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

Signal Details

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

Overview Table

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

RT	Sig	Lvl	Amount [g/100cc]	Area	Rsp.Factor	Ref	ISTD	#	Compound
2.586	1	1	1.00000	3.69669	2.70512e-1	No	No	1	methanol
2.809	1	1	1.00000	4.26100	2.34687e-1	No	No	2	Acetaldehyde
2.977	2	1	1.00000	4.26100	2.34687e-1	No	No	2	Acetaldehyde
3.075	1	1	5.00000e-2	4.61434	1.08358e-2	No	No	1	ethanol
		2	1.00000e-1	9.11321	1.09731e-2				
		3	2.00000e-1	18.50060	1.08105e-2				
		4	3.00000e-1	28.16061	1.06532e-2				
		5	5.00000e-1	46.54685	1.07419e-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	4.66493	1.07183e-2	No	No	2	ethanol
		2	1.00000e-1	9.29949	1.07533e-2				
		3	2.00000e-1	18.99680	1.05281e-2				
		4	3.00000e-1	29.12918	1.02990e-2				
		5	5.00000e-1	48.66955	1.02734e-2				
4.308	1	1	1.00000	6.49940	1.53860e-1	No	No	1	acetone
4.620	1	1	1.00000	47.32438	2.11308e-2	No	Yes	1	n-propanol
		2	1.00000	46.57819	2.14693e-2				
		3	1.00000	47.11492	2.12247e-2				
		4	1.00000	47.82708	2.09087e-2				
		5	1.00000	47.01430	2.12701e-2				
4.661	2	1	1.00000	6.89301	1.45075e-1	No	No	2	acetone
4.969	2	1	1.00000	10.70642	9.34019e-2	No	No	2	isopropyl alcohol
7.550	2	1	1.00000	49.03432	2.03939e-2	No	Yes	2	n-propanol
		2	1.00000	47.69486	2.09666e-2				
		3	1.00000	48.07197	2.08021e-2				
		4	1.00000	48.64581	2.05568e-2				
		5	1.00000	47.86044	2.08941e-2				

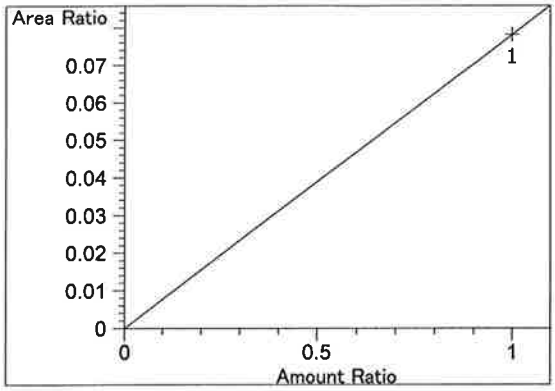
Peak Sum Table

No Entries in table

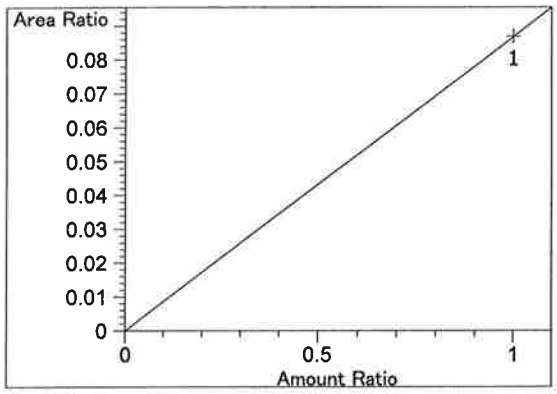
51 Warnings or Errors (10 first messages follow) :

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 2.809 min, signal 1
Warning : Curve requires more calibration points. at 2.977 min, signal 2
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 4.62 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

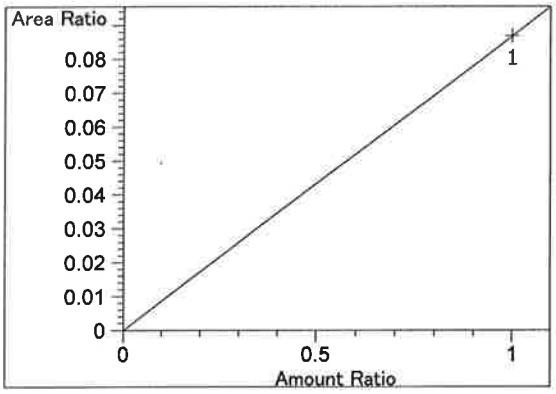
Calibration Curves



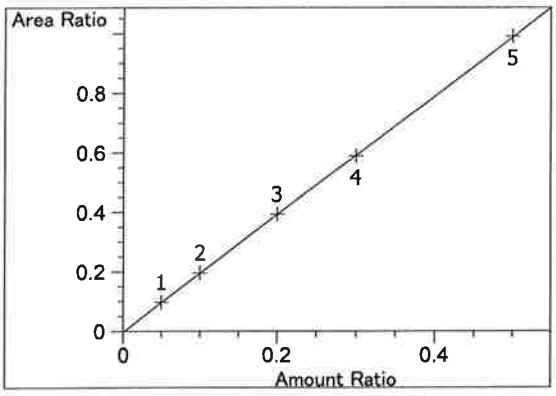
methanol at exp. RT: 2.586
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 7.81140e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



Acetaldehyde at exp. RT: 2.809
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.68983e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



Acetaldehyde at exp. RT: 2.977
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.68983e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



ethanol at exp. RT: 3.075
FID1 A, Front Signal
Correlation: 0.99999
Residual Std. Dev.: 0.00221
Formula: y = mx + b
m: 1.98254
b: -3.04772e-3
x: Amount Ratio
y: Area Ratio

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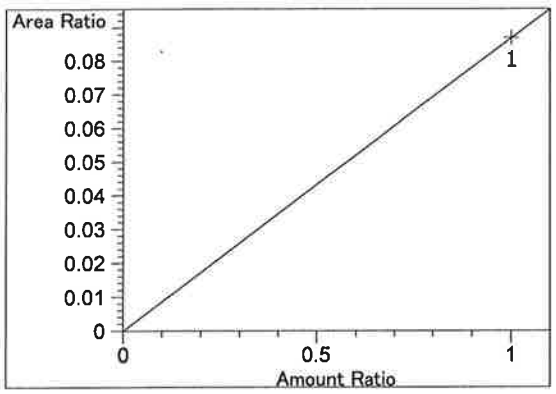
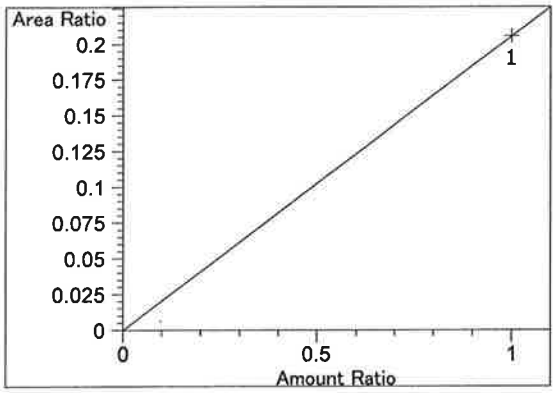
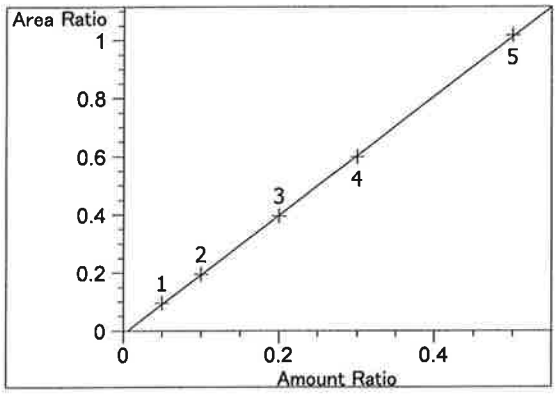


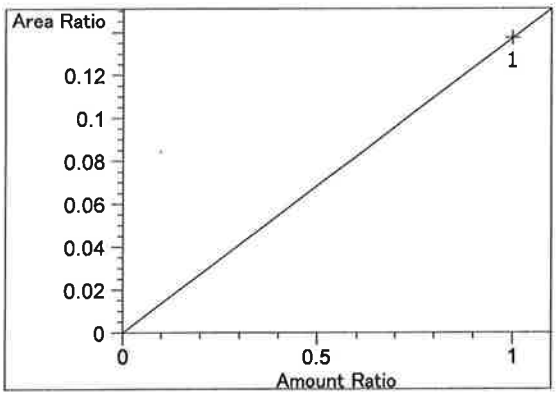
methanol at exp. RT: 3.388
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.68907e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



isopropyl alcohol at exp. RT: 3.628
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 2.05614e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



ethanol at exp. RT: 4.285
FID2 B, Back Signal
Correlation: 0.99994
Residual Std. Dev.: 0.00460
Formula: y = mx + b
m: 2.04808
b: -1.08582e-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: 1.37337e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio

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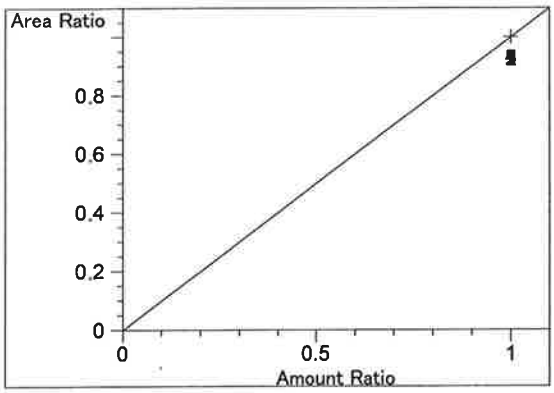
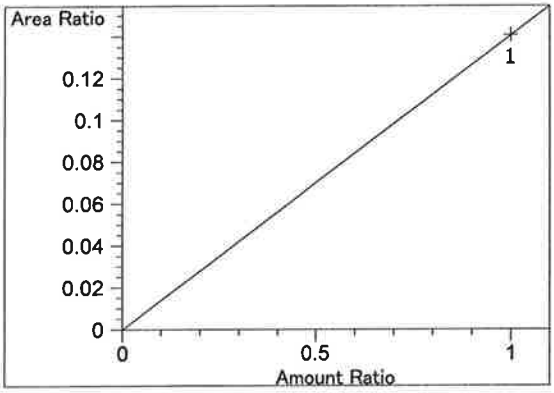
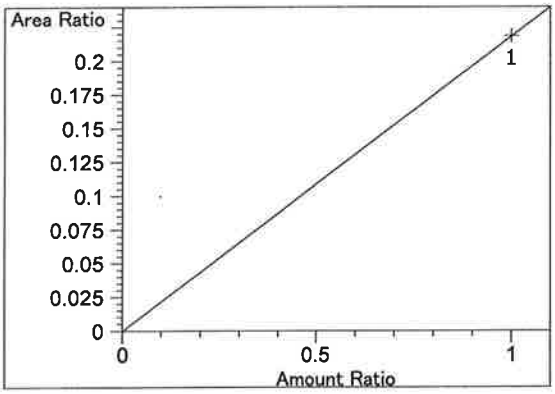


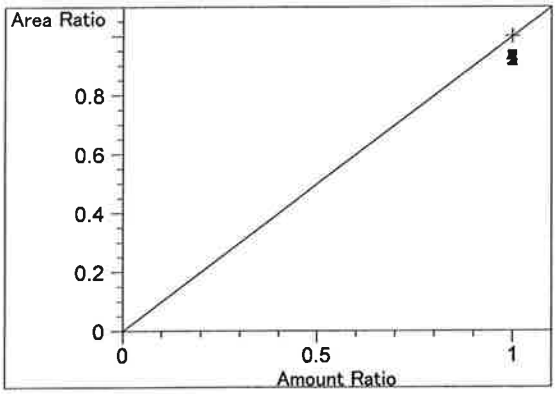
n-propanol at exp. RT: 4.620
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio



acetone at exp. RT: 4.661
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.40575e-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: 2.18345e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



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

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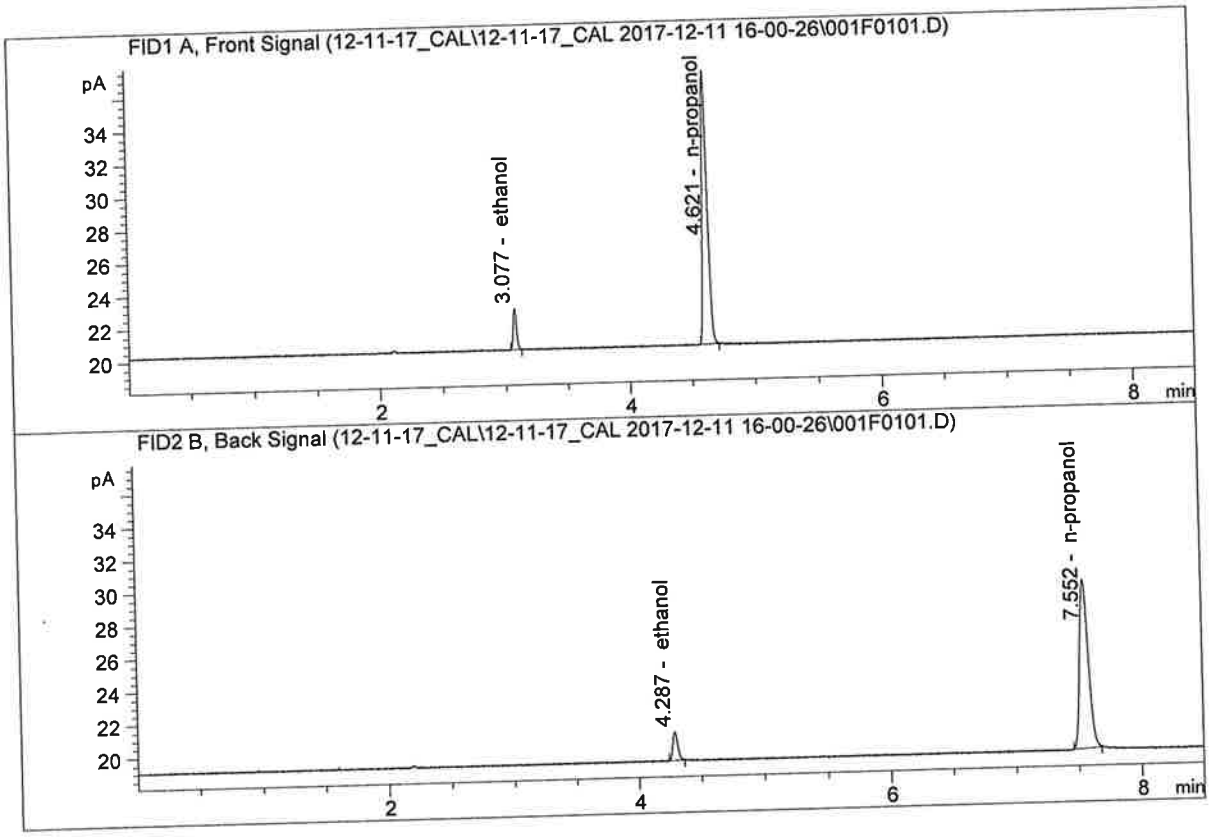
ISP Forensic Services Blood Alcohol Report

Sample Name : 0.050 FN06231406
Laboratory : Meridian
Injection Date : Dec 11, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

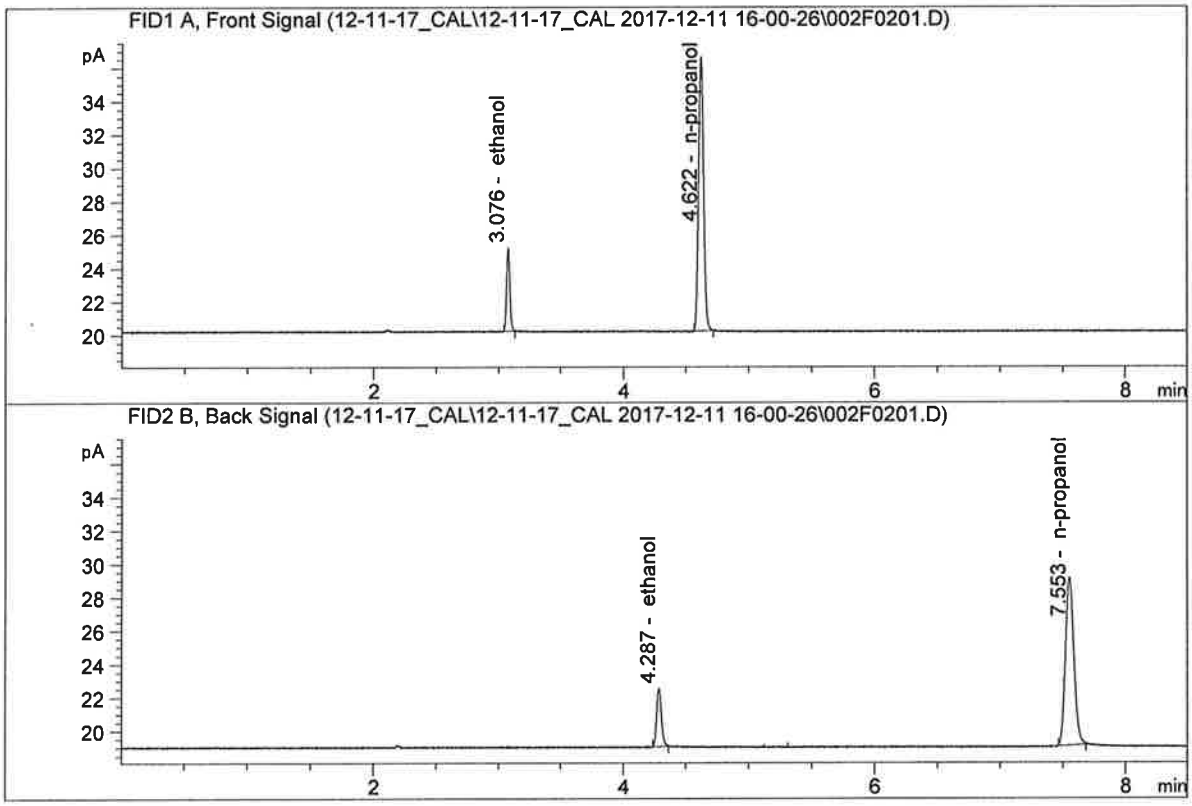


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	4.61434	0.0507	g/100cc
2.	Ethanol	Column 2:	4.66493	0.0518	g/100cc
3.	n-Propanol	Column 1:	47.32438	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.03432	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.100 FN06181501
Laboratory : Meridian
Injection Date : Dec 11, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

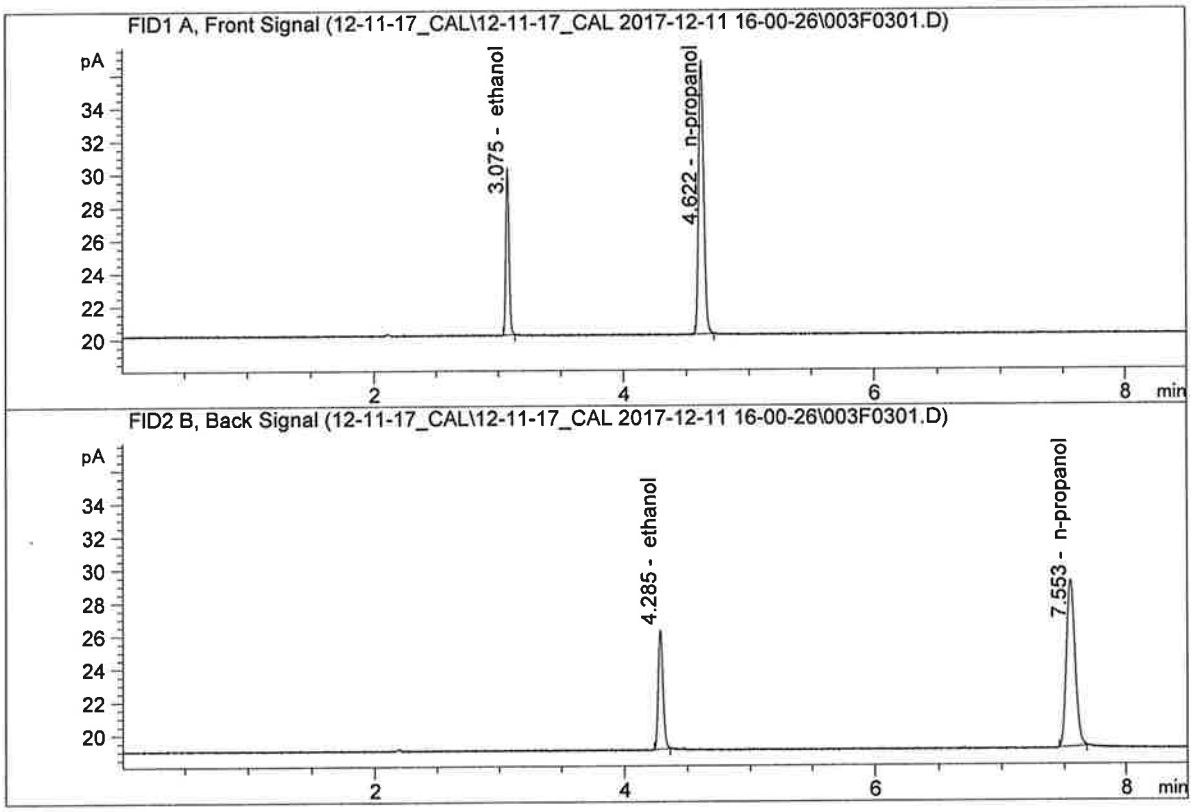


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	9.11321	0.1002	g/100cc
2.	Ethanol	Column 2:	9.29949	0.1005	g/100cc
3.	n-Propanol	Column 1:	46.57819	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.69486	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.200 FN12011401
Laboratory : Meridian
Injection Date : Dec 11, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

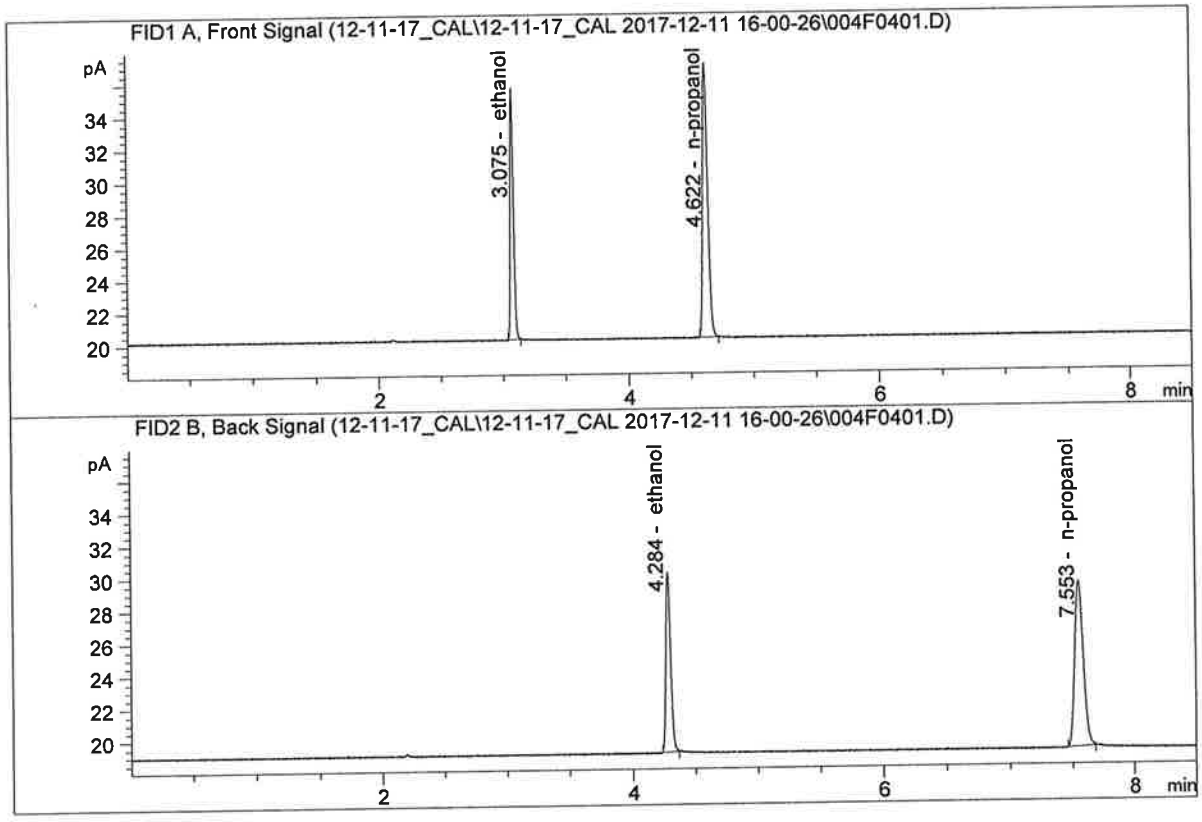


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.50060	0.1996	g/100cc
2.	Ethanol	Column 2:	18.99680	0.1983	g/100cc
3.	n-Propanol	Column 1:	47.11492	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.07197	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.300 FN06051501
Laboratory : Meridian
Injection Date : Dec 11, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

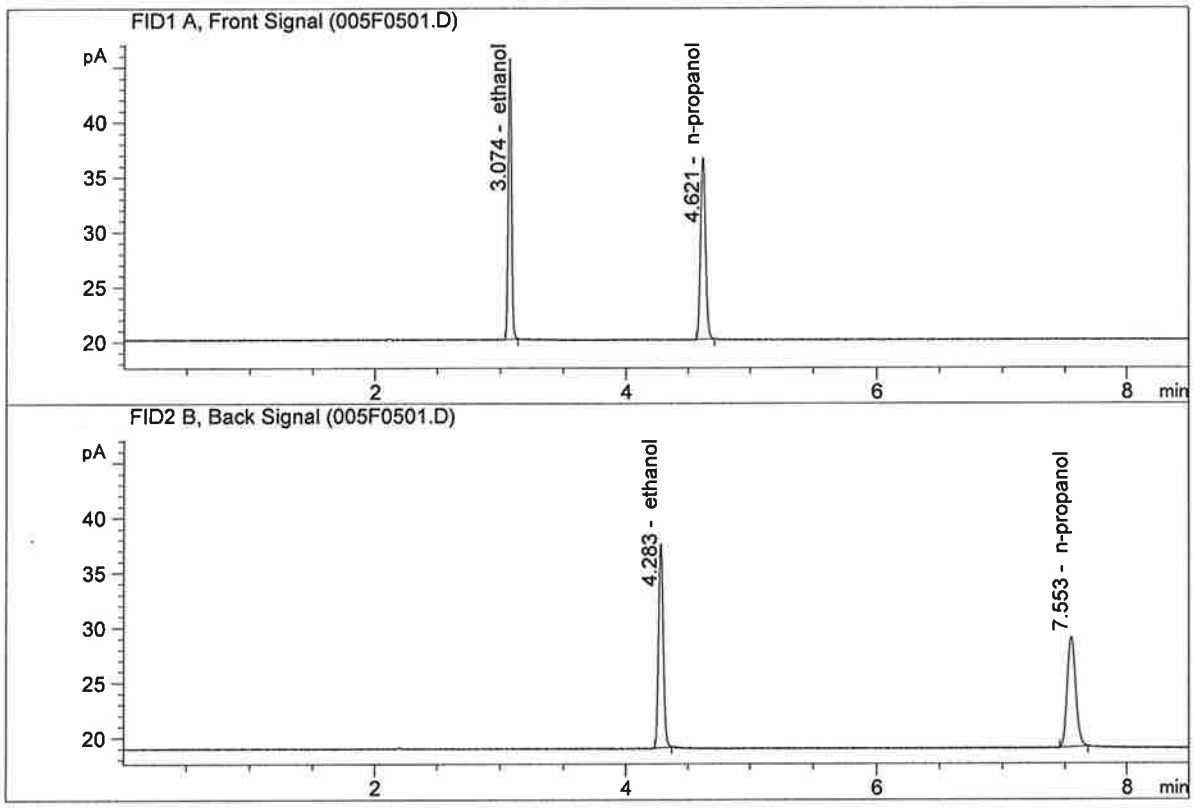


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	28.16061	0.2985	g/100cc
2.	Ethanol	Column 2:	29.12918	0.2977	g/100cc
3.	n-Propanol	Column 1:	47.82708	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.64581	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.500 FN07031402
Laboratory : Meridian
Injection Date : Dec 11, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	46.54685	0.5009	g/100cc
2.	Ethanol	Column 2:	48.66955	0.5018	g/100cc
3.	n-Propanol	Column 1:	47.01430	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.86044	1.0000	g/100cc

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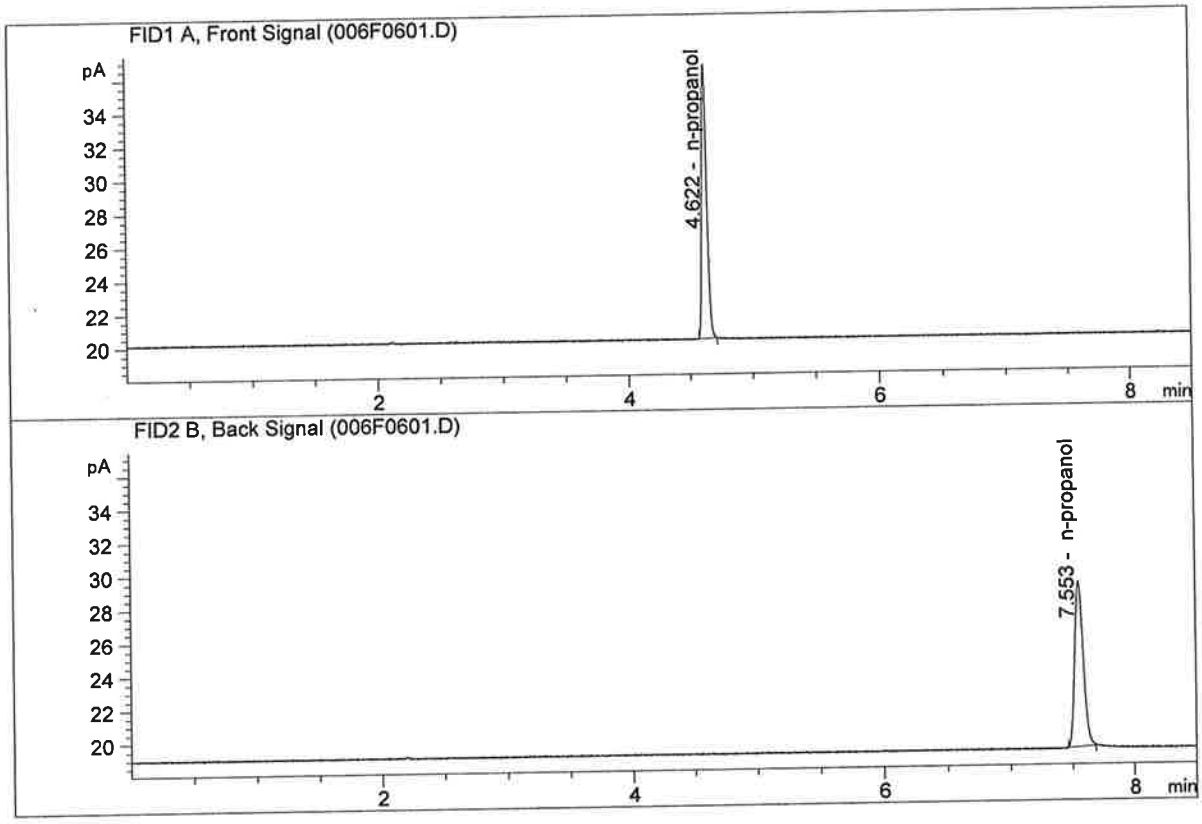
ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STANDARD BLANK
Laboratory : Meridian
Injection Date : Dec 11, 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:	46.46133	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.11730	1.0000	g/100cc

JC

Sequence File C:\Chem32\1\Data\12-11-17_CAL\12-11-17_CAL 2017-12-11 16-00-26\12-11-17_CAL.S

Sample Summary

Sequence table: C:\Chem32\1\Data\12-11-17_CAL\12-11-17_CAL 2017-12-11 16-00-26\12-11-17_CAL.S

Data directory path: C:\Chem32\1\Data\12-11-17_CAL\12-11-17_CAL 2017-12-11 16-00-26\

Logbook: C:\Chem32\1\Data\12-11-17_CAL\12-11-17_CAL 2017-12-11 16-00-26\12-11-17_CAL.LOG

Sequence start: 12/11/2017 4:15:03 PM

Sequence Operator: SYSTEM

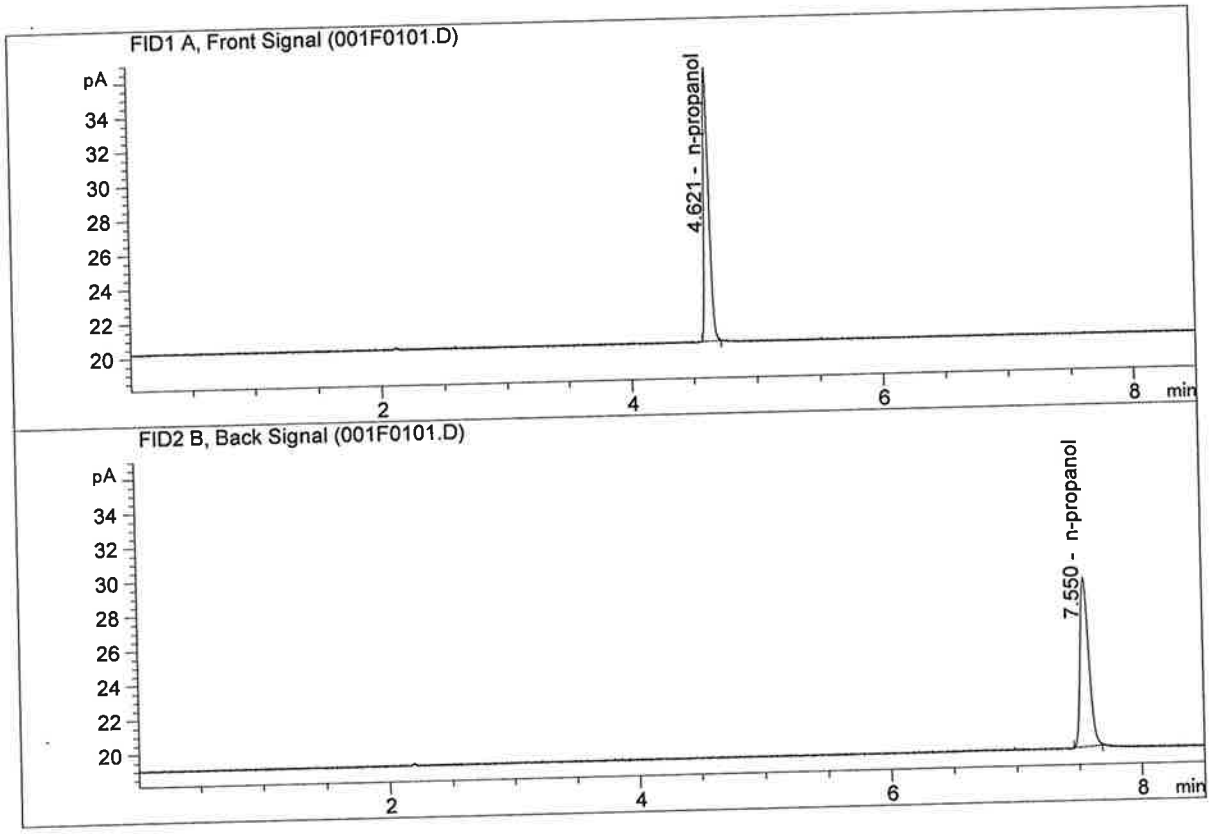
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\12-11-17_CAL\12-11-17_CAL 2017-12-11 16-00-26\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 FN12011401	-	1.0000	003F0301.D	*	4
4	4	1	0.300 FN06051501	-	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

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK 1
Laboratory : Meridian
Injection Date : Dec 12, 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:	45.25787	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.72205	1.0000	g/100cc

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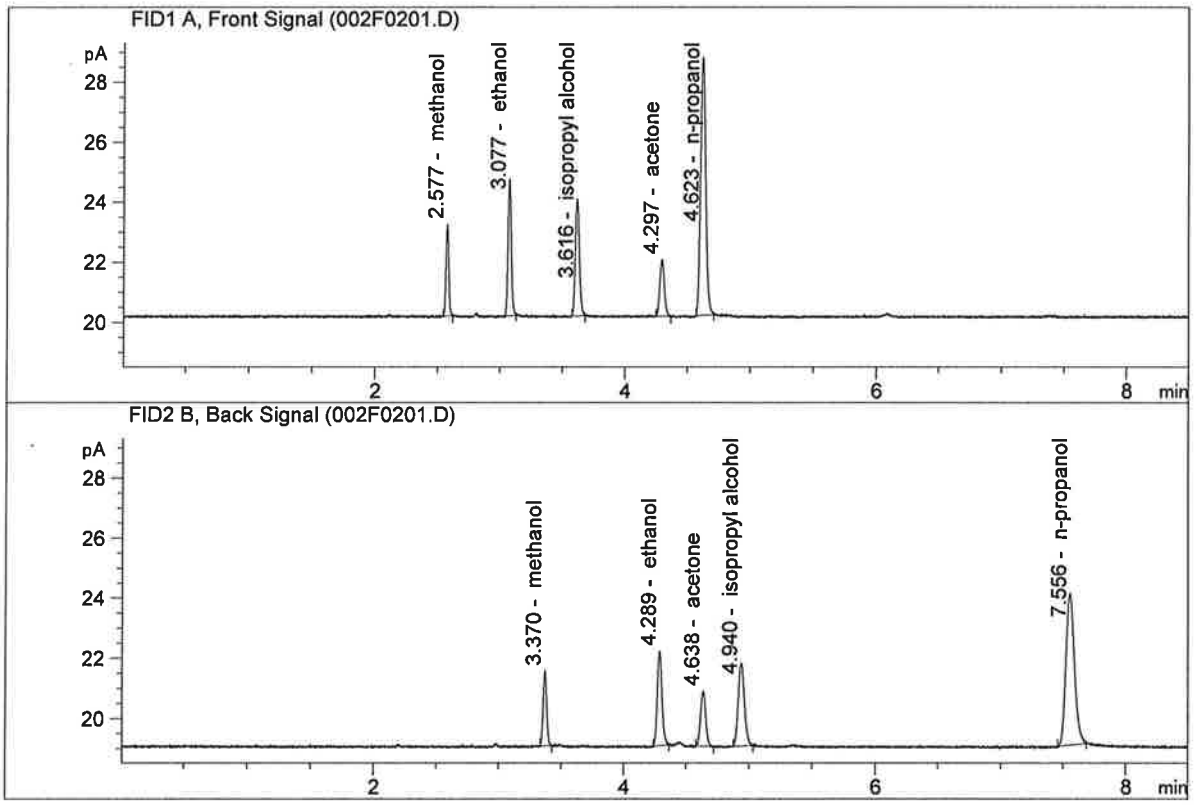
ISP Forensic Services Blood Alcohol Report

Sample Name : MIX VOL FN09231404
Laboratory : Meridian
Injection Date : Dec 12, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	8.14538	0.1707	g/100cc
2.	Ethanol	Column 2:	8.36940	0.1739	g/100cc
3.	n-Propanol	Column 1:	24.29404	1.0000	g/100cc
4.	n-Propanol	Column 2:	24.23358	1.0000	g/100cc

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VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1 **Analysis Date(s): 12 Dec 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0800	0.0813	0.0013	0.0806	0.0805	
(g/100cc)	0.0801	0.0808	0.0007	0.0804		

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

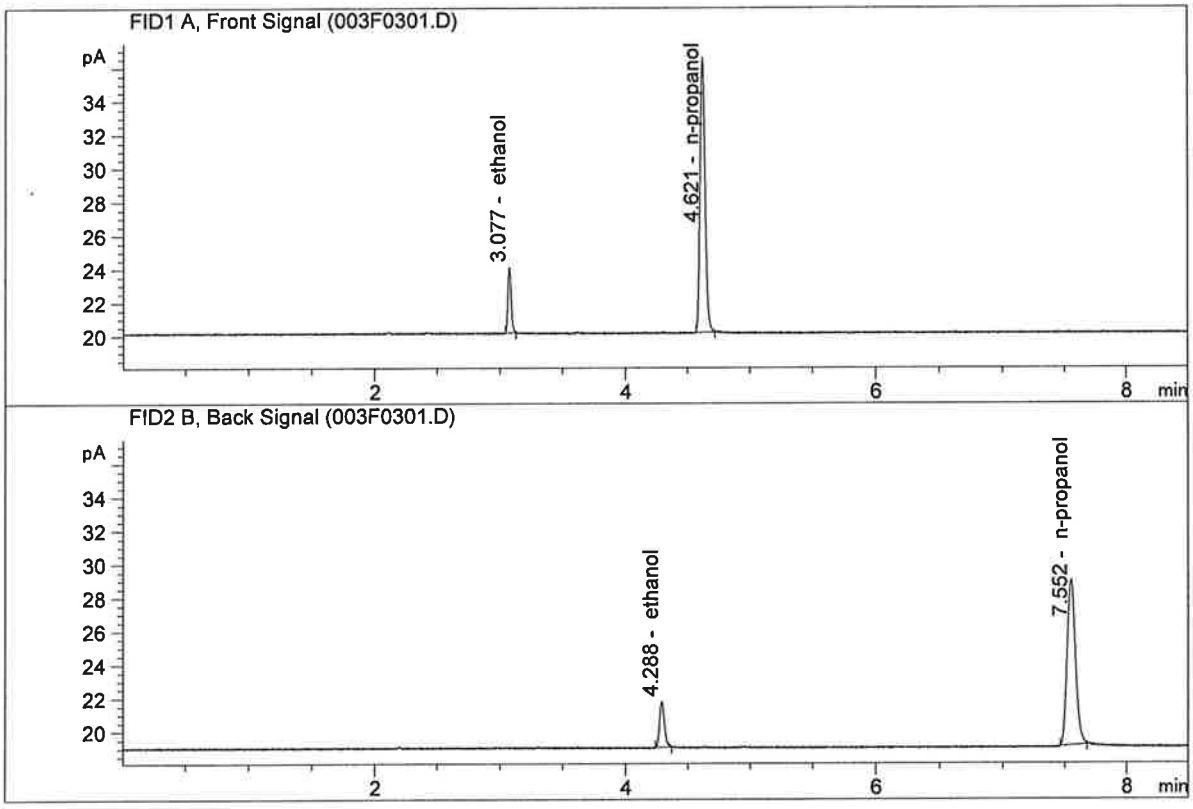
0.080

Calibration and control data are stored centrally.

JL

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-A
Laboratory : Meridian
Injection Date : Dec 12, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

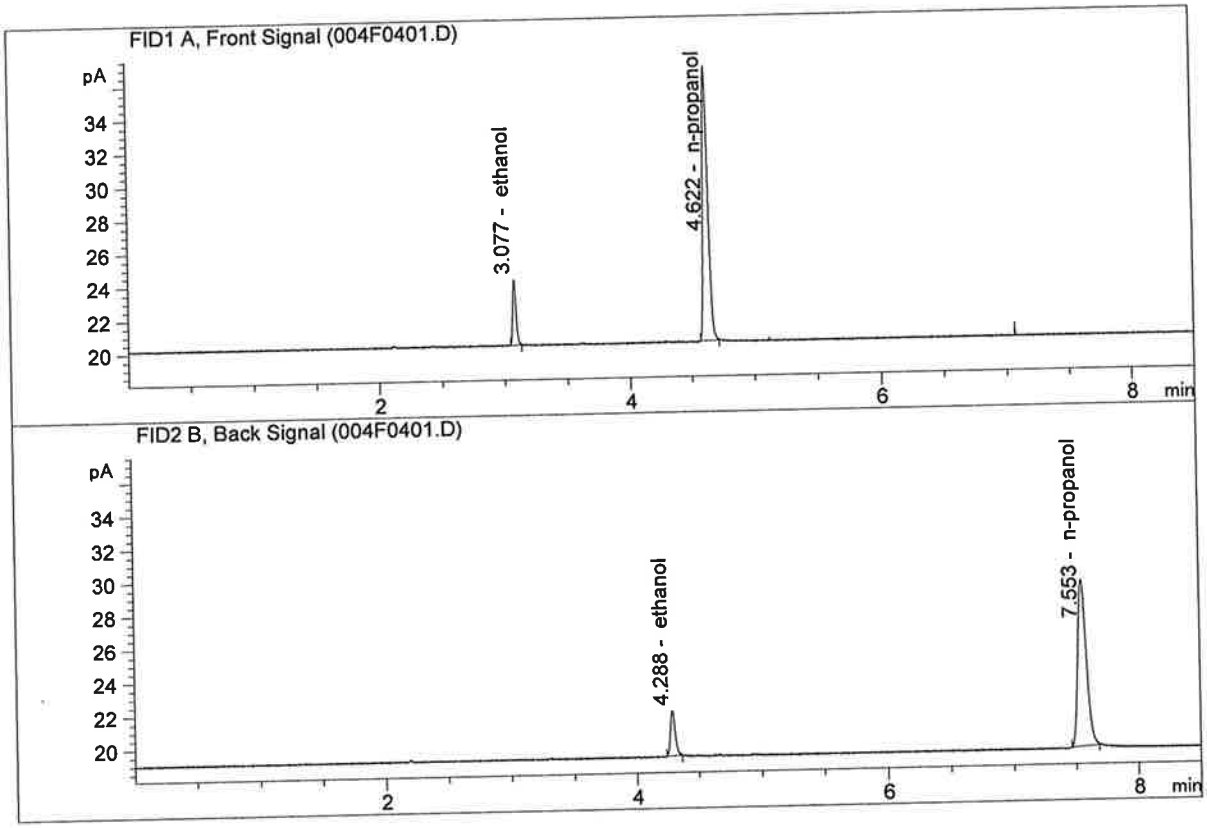


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.22091	0.0800	g/100cc
2.	Ethanol	Column 2:	7.32368	0.0813	g/100cc
3.	n-Propanol	Column 1:	46.40628	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.07550	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-B
Laboratory : Meridian
Injection Date : Dec 12, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.29746	0.0801	g/100cc
2.	Ethanol	Column 2:	7.35284	0.0808	g/100cc
3.	n-Propanol	Column 1:	46.87753	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.54644	1.0000	g/100cc

JL

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.08 FN10281510 **Analysis Date(s): 12 Dec 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0818	0.0820	0.0002	0.0819	0.0821	
(g/100cc)	0.0821	0.0826	0.0005	0.0823		

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

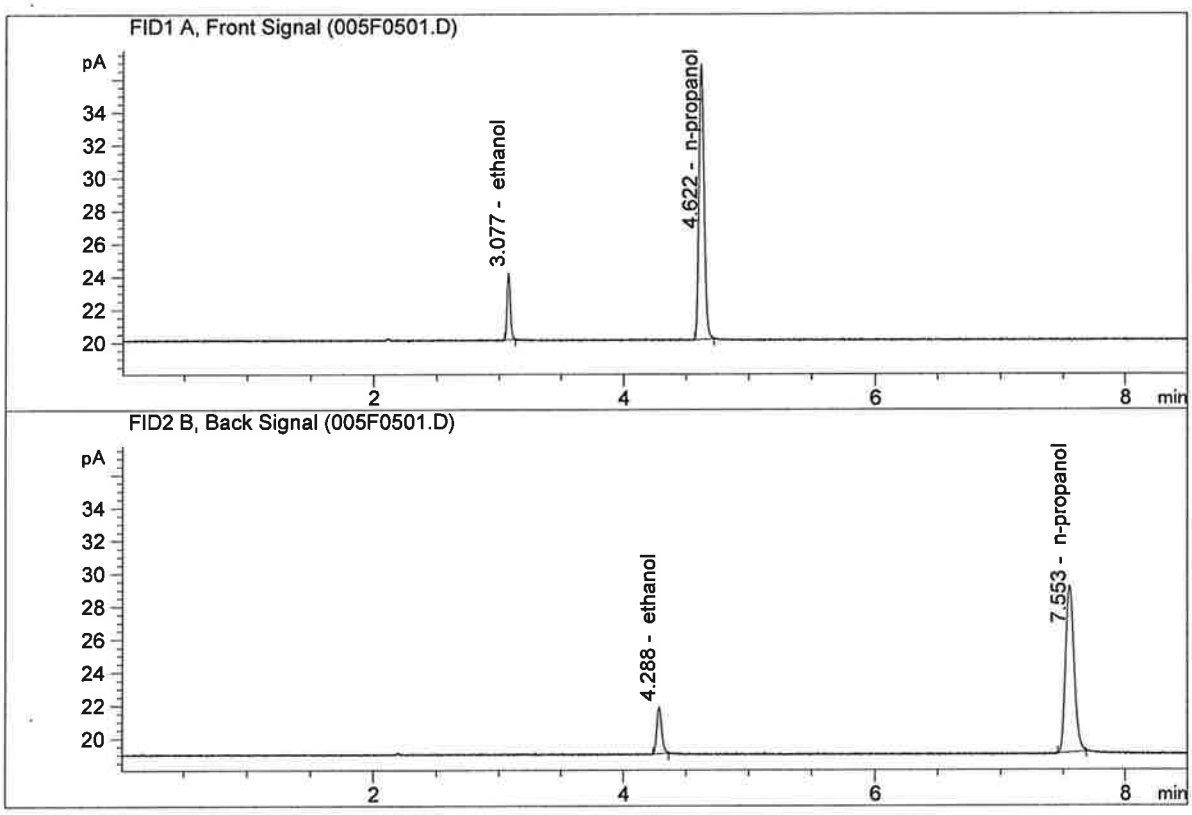
0.082

Calibration and control data are stored centrally.

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN10281510-A
Laboratory : Meridian
Injection Date : Dec 12, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

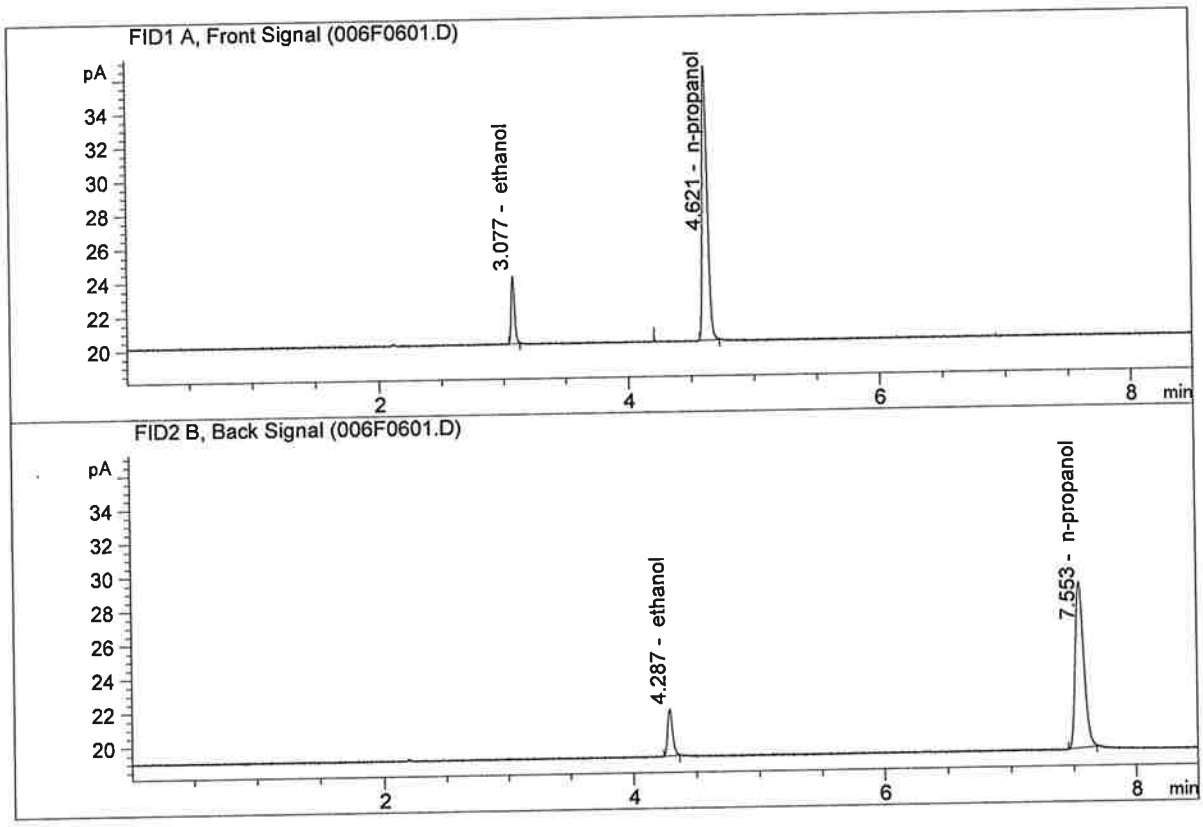


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.55018	0.0818	g/100cc
2.	Ethanol	Column 2:	7.58653	0.0820	g/100cc
3.	n-Propanol	Column 1:	47.46373	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.29682	1.0000	g/100cc

JL

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN10281510-B
Laboratory : Meridian
Injection Date : Dec 12, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.36935	0.0821	g/100cc
2.	Ethanol	Column 2:	7.38750	0.0826	g/100cc
3.	n-Propanol	Column 1:	46.13787	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.63609	1.0000	g/100cc

JL

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-1 **Analysis Date(s): 12 Dec 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.2045	0.2048	0.0003	0.2046	0.2041	
(g/100cc)	0.2030	0.2043	0.0013	0.2036		

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
0.204	**0.193**	**0.215**	**0.011**

Reported Result

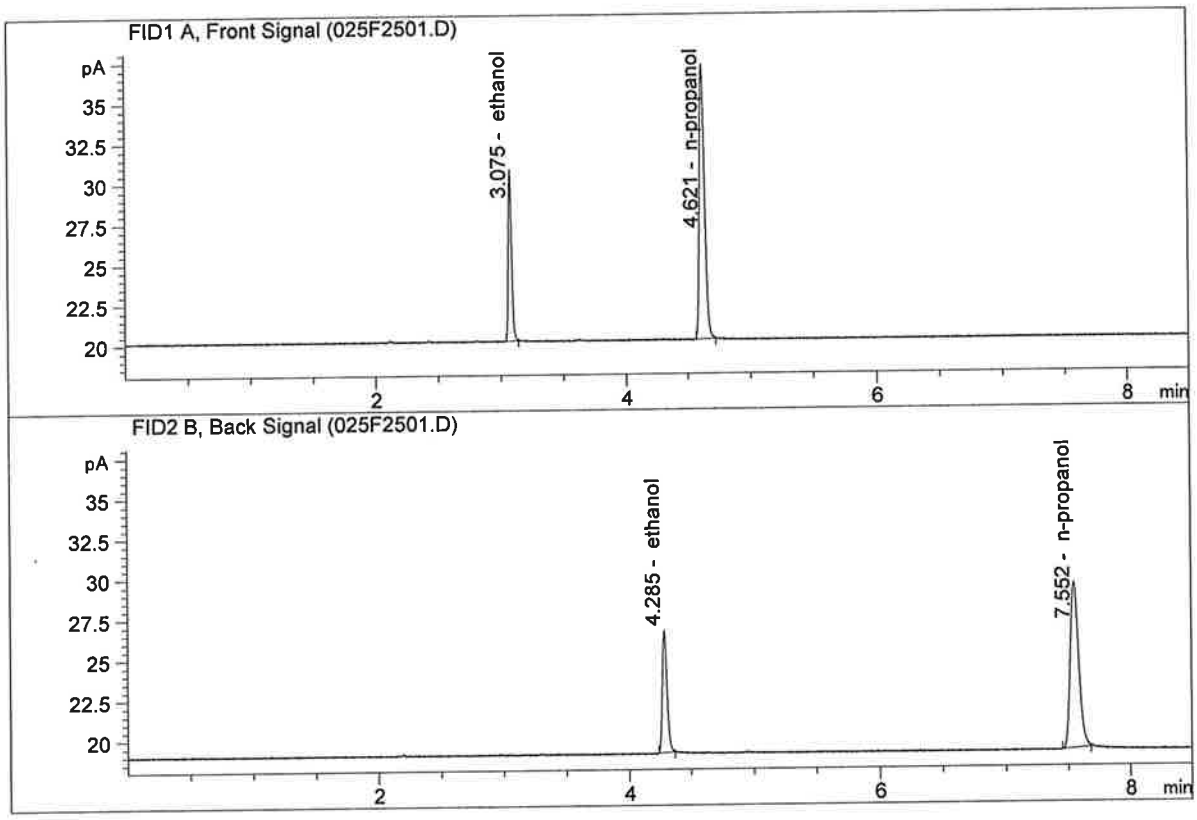
0.204

Calibration and control data are stored centrally.

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-A
Laboratory : Meridian
Injection Date : Dec 12, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

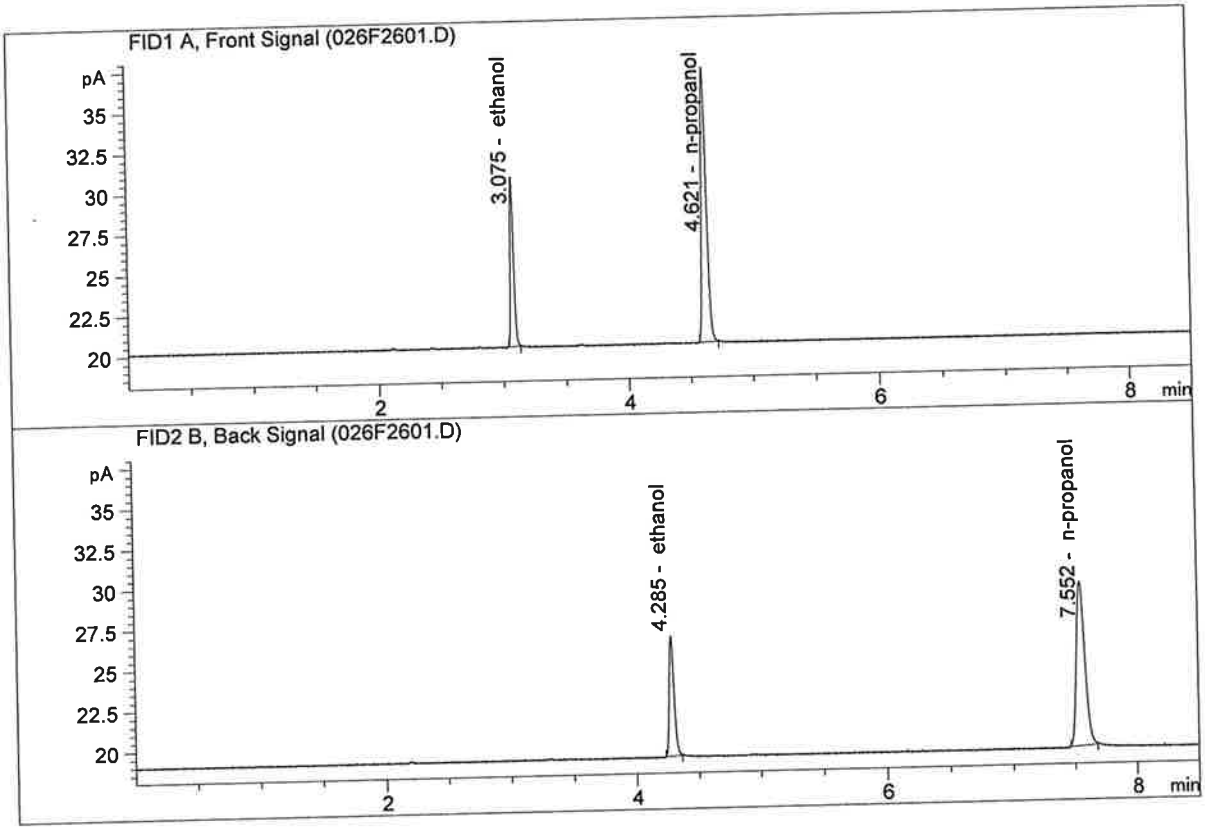


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	19.45776	0.2045	g/100cc
2.	Ethanol	Column 2:	19.95147	0.2048	g/100cc
3.	n-Propanol	Column 1:	48.35456	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.82331	1.0000	g/100cc

JL

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-B
Laboratory : Meridian
Injection Date : Dec 12, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	19.20415	0.2030	g/100cc
2.	Ethanol	Column 2:	19.74221	0.2043	g/100cc
3.	n-Propanol	Column 1:	48.08149	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.44558	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-2 **Analysis Date(s): 12 Dec 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0789	0.0796	0.0007	0.0792	0.0794	
(g/100cc)	0.0794	0.0799	0.0005	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
0.079	**0.075**	**0.083**	**0.004**

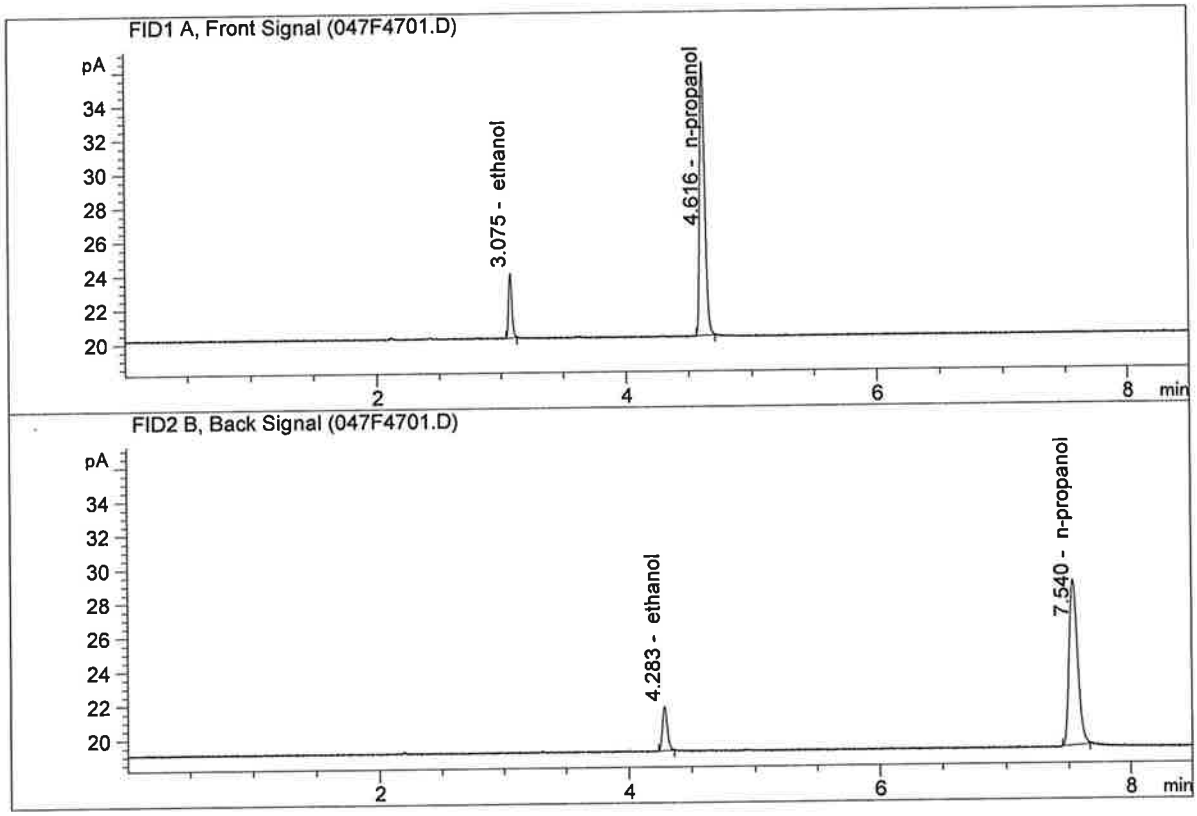
Reported Result

0.079

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

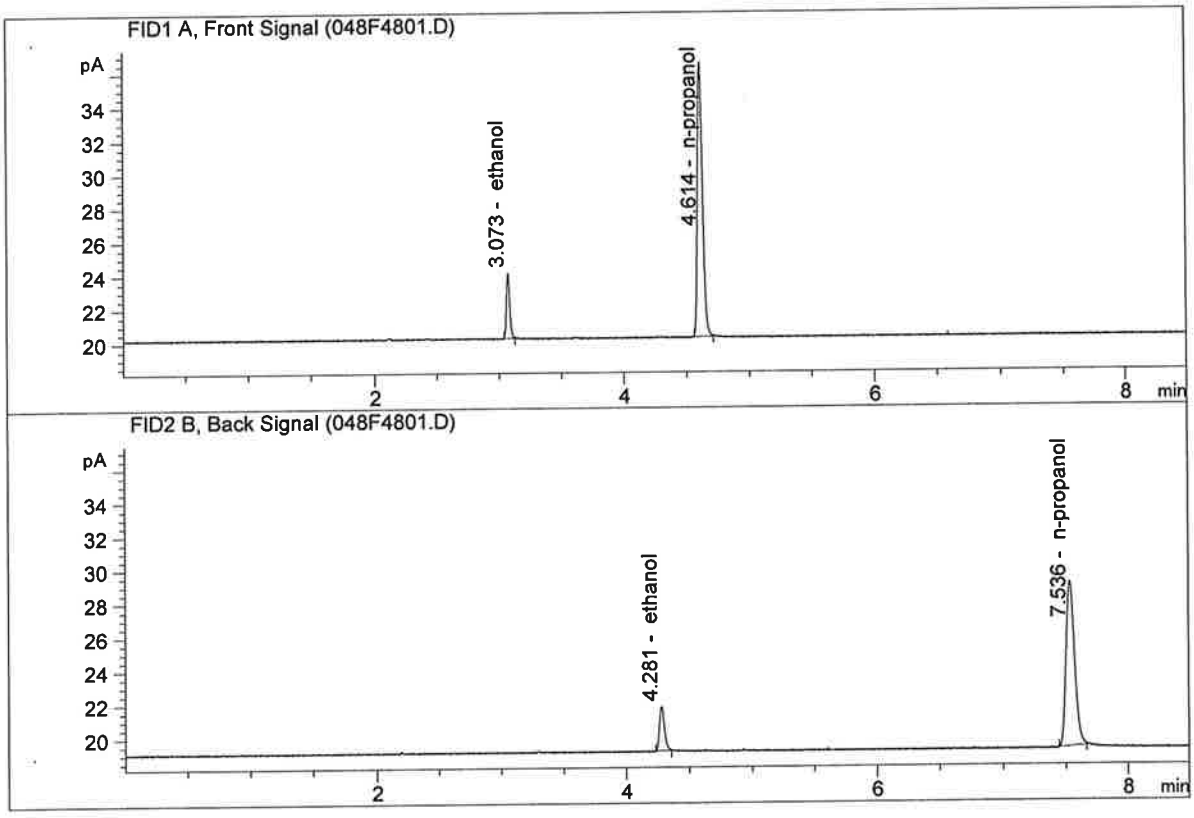
Sample Name : QC1-2-A
Laboratory : Meridian
Injection Date : Dec 12, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.00691	0.0789	g/100cc
2.	Ethanol	Column 2:	6.98527	0.0796	g/100cc
3.	n-Propanol	Column 1:	45.69728	1.0000	g/100cc
4.	n-Propanol	Column 2:	45.89924	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

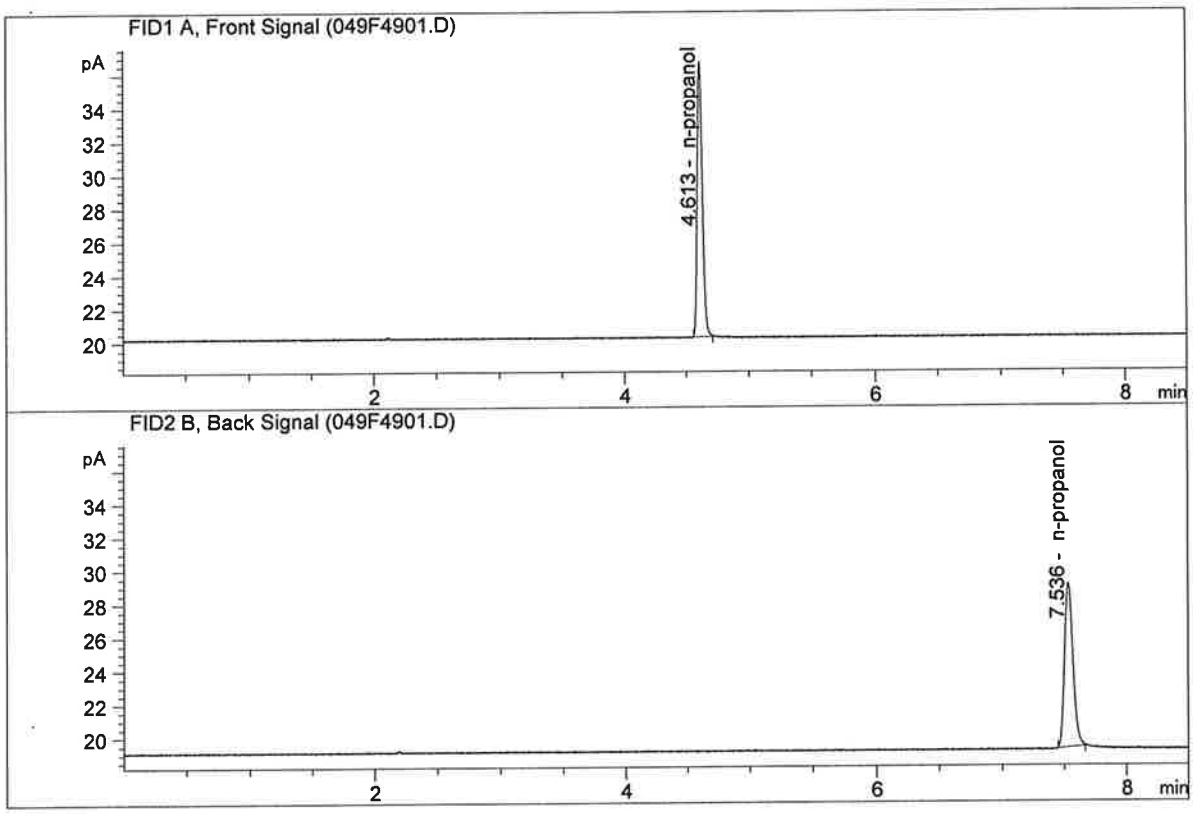
Sample Name : QC1-2-B
Laboratory : Meridian
Injection Date : Dec 12, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.13295	0.0794	g/100cc
2.	Ethanol	Column 2:	7.09820	0.0799	g/100cc
3.	n-Propanol	Column 1:	46.18815	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.44685	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

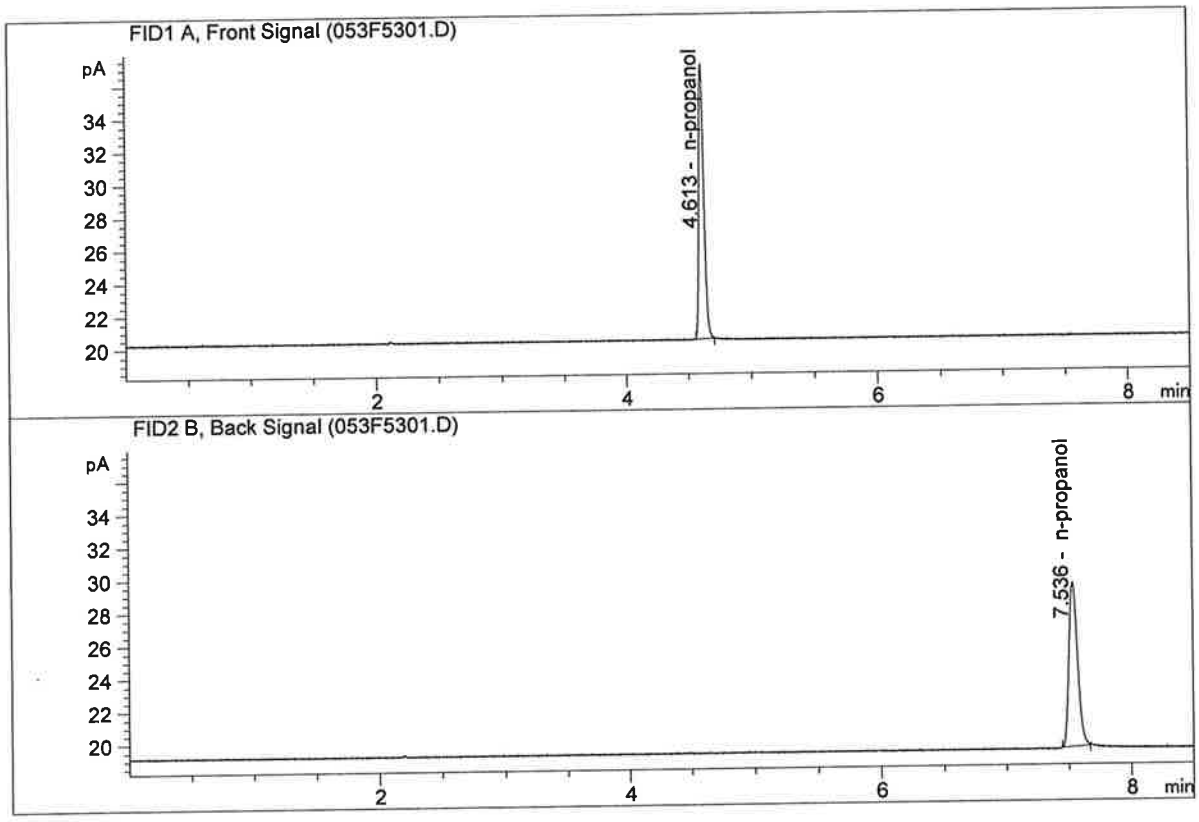
Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : Dec 12, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	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:	46.49394	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.57748	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

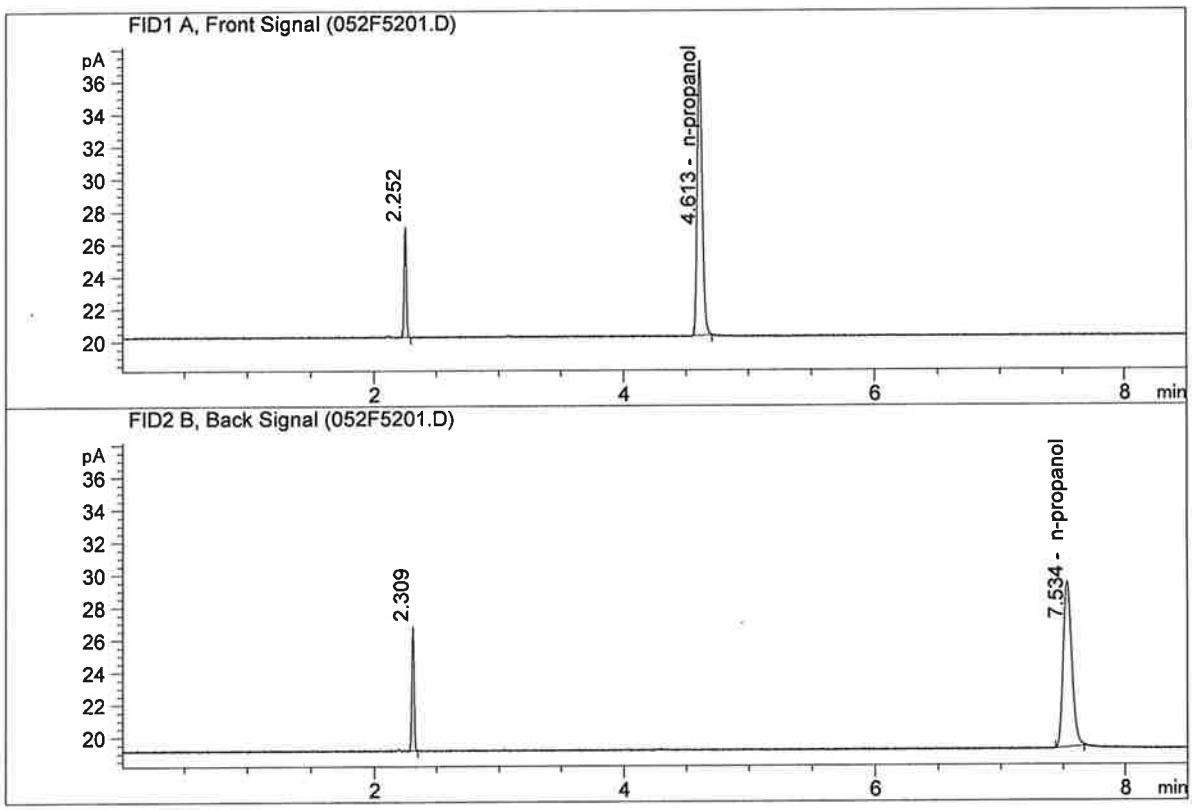
Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : Dec 12, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	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:	47.22472	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.43911	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

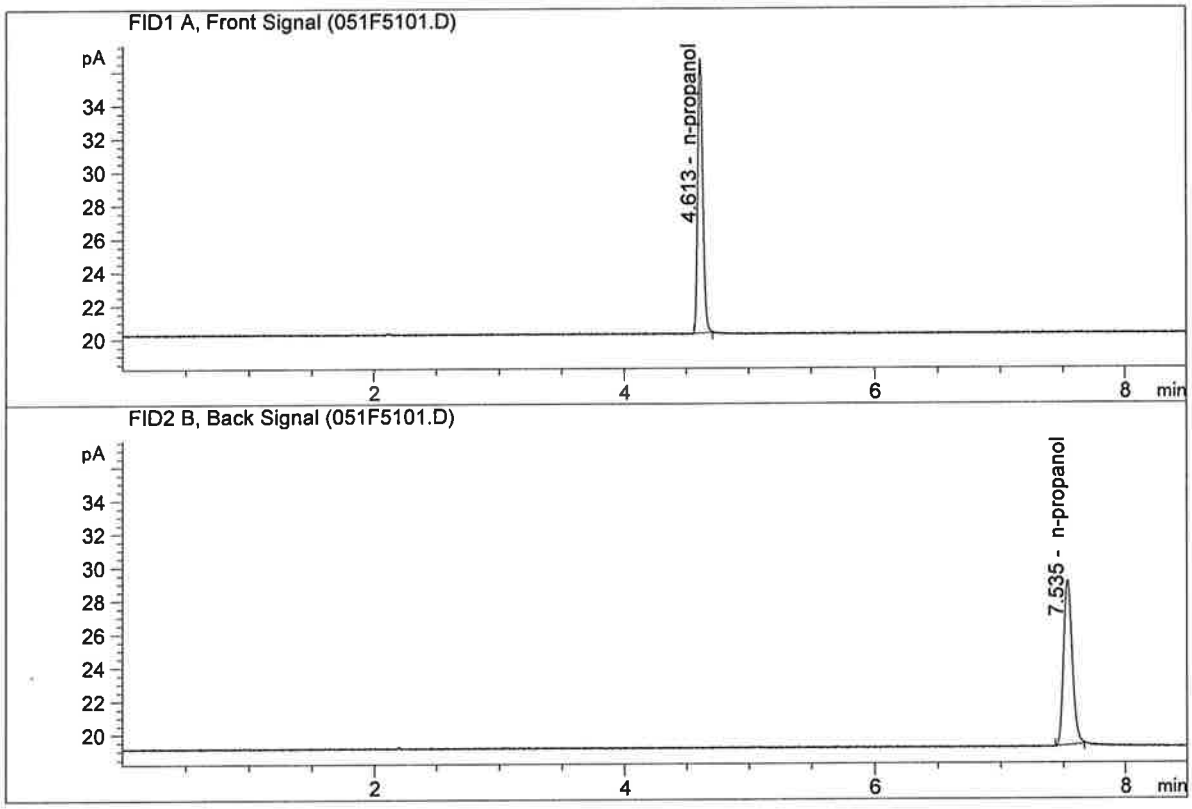
Sample Name : TFE 111914
Laboratory : Meridian
Injection Date : Dec 12, 2017
Method : ALCOHOL.M
Acq. Instrument : CN11180014-CN11041167



#	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:	48.00105	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.48072	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

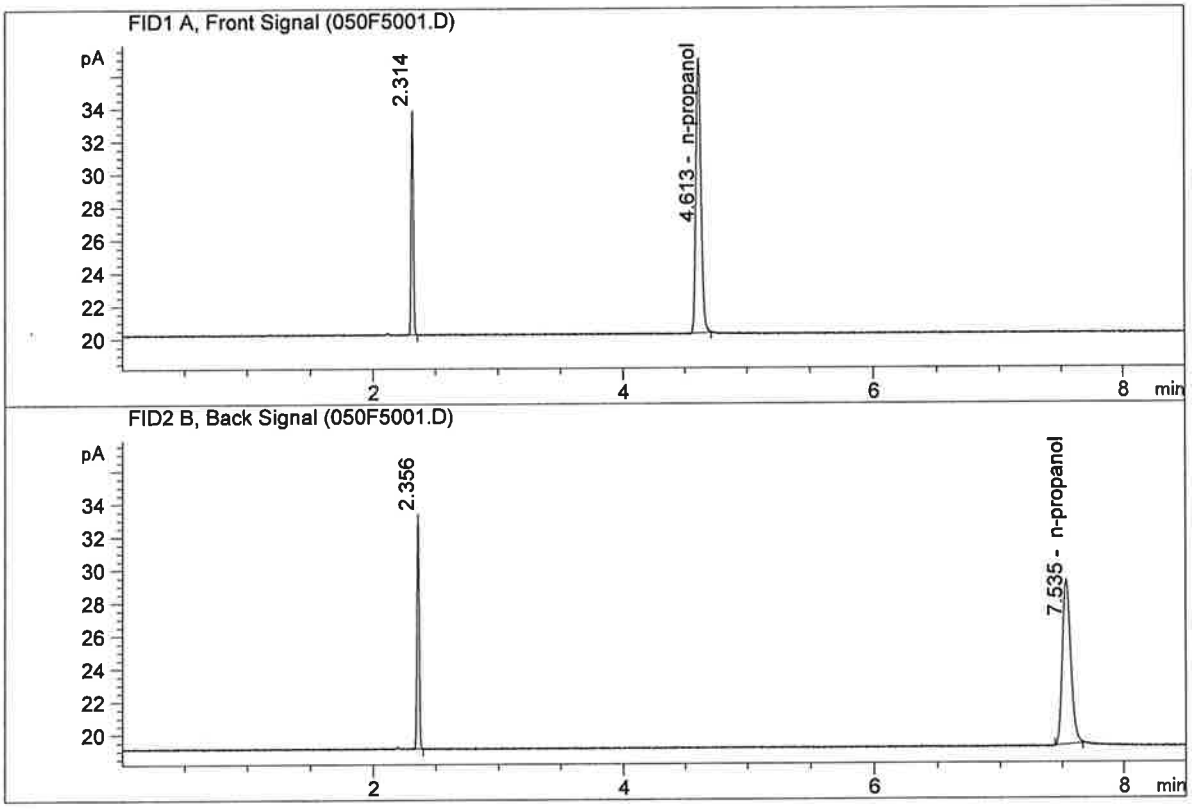
Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : Dec 12, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	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:	46.33860	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.66981	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : DFE 111914OM
Laboratory : Meridian
Injection Date : Dec 12, 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:	47.13521	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.38449	1.0000	g/100cc

Sample Summary

Sequence table: C:\Chem32\1\Data\12-12-17_SAMPLES\12-12-17_SAMPLES 2017-12-12 13-11-19\12 12-17_SAMPLES.S
Data directory path: C:\Chem32\1\Data\12-12-17_SAMPLES\12-12-17_SAMPLES 2017-12-12 13-11-19\
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Sequence start: 12/12/2017 1:26:07 PM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\12-12-17_SAMPLES\12-12-17_SAMPLES 2017-12-12 13-11-19 \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	M2017-5510-1-A	-	1.0000	007F0701.D	2
8	8	1	M2017-5510-1-B	-	1.0000	008F0801.D	2
9	9	1	M2017-5531-1-A	-	1.0000	009F0901.D	3
10	10	1	M2017-5531-1-B	-	1.0000	010F1001.D	2
11	11	1	M2017-5556-1-A	-	1.0000	011F1101.D	6
12	12	1	M2017-5556-1-B	-	1.0000	012F1201.D	6
13	13	1	M2017-5557-1-A	-	1.0000	013F1301.D	2
14	14	1	M2017-5557-1-B	-	1.0000	014F1401.D	2
15	15	1	M2017-5557-2-A	-	1.0000	015F1501.D	2
16	16	1	M2017-5557-2-B	-	1.0000	016F1601.D	2
17	17	1	M2017-5558-1-A	-	1.0000	017F1701.D	2
18	18	1	M2017-5558-1-B	-	1.0000	018F1801.D	2
19	19	1	M2017-5559-1-A	-	1.0000	019F1901.D	6
20	20	1	M2017-5559-1-B	-	1.0000	020F2001.D	6
21	21	1	M2017-5560-1-A	-	1.0000	021F2101.D	6
22	22	1	M2017-5560-1-B	-	1.0000	022F2201.D	6
23	23	1	M2017-5561-1-A	-	1.0000	023F2301.D	6
24	24	1	M2017-5561-1-B	-	1.0000	024F2401.D	6
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	M2017-5562-1-A	-	1.0000	027F2701.D	6
28	28	1	M2017-5562-1-B	-	1.0000	028F2801.D	6
29	29	1	M2017-5580-1-A	-	1.0000	029F2901.D	6
30	30	1	M2017-5580-1-B	-	1.0000	030F3001.D	6
31	31	1	M2017-5581-1-A	-	1.0000	031F3101.D	2
32	32	1	M2017-5581-1-B	-	1.0000	032F3201.D	2
33	33	1	M2017-5604-1-A	-	1.0000	033F3301.D	4
34	34	1	M2017-5604-1-B	-	1.0000	034F3401.D	4
35	35	1	M2017-5605-1-A	-	1.0000	035F3501.D	2
36	36	1	M2017-5605-1-B	-	1.0000	036F3601.D	2
37	37	1	M2017-5606-1-A	-	1.0000	037F3701.D	2
38	38	1	M2017-5606-1-B	-	1.0000	038F3801.D	2
39	39	1	M2017-5608-2-A	-	1.0000	039F3901.D	2
40	40	1	M2017-5608-2-B	-	1.0000	040F4001.D	2
41	41	1	M2017-5627-1-A	-	1.0000	041F4101.D	6
42	42	1	M2017-5627-1-B	-	1.0000	042F4201.D	6
43	43	1	M2017-5640-1-A	-	1.0000	043F4301.D	4

Sequence File C:\Chem32\...7_SAMPLES\12-12-17_SAMPLES 2017-12-12 13-11-19\12-12-17_SAMPLES.S

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
44	44	1	M2017-5640-1-B	-	1.0000	044F4401.D	4
45	45	1	M2017-5641-1-A	-	1.0000	045F4501.D	6
46	46	1	M2017-5641-1-B	-	1.0000	046F4601.D	6
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	INTERNAL STD BLK	-	1.0000	049F4901.D	2
50	50	1	DFE 111914OM	-	1.0000	050F5001.D	2
51	51	1	INTERNAL STD BLK	-	1.0000	051F5101.D	2
52	52	1	TFE 111914	-	1.0000	052F5201.D	2
53	53	1	INTERNAL STD BLK	-	1.0000	053F5301.D	2

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Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
54	54	1	EMPTY	-	1.0000	054F5401.D	0