Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Analytical Method(s): 1.0

Device: Hamilton MICROLAB 503A Liquid Processor/Dilutor Serial Number: MD-96GF641

Volatiles Quality Assurance Controls **Run Date(s): 1/16/2017**

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jul-18	1407031	0.0780	0.0702-0.0858	0.0777 g/100cc
					g/100cc
					g/100cc
Level 2	Jul-18	1407032	0.2020	0.1818-0.2222	0.1943 g/100cc
					g/100cc
					g/100cc

Multi-Component mixture:	**Sep-20**	**Lot #**	FN06041502		OK
Curve Fit:		**Column 1**	1.00000	**Column2**	0.99999

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	0.0499	0.0493	0.0006	0.0496
0.080							0	#DIV/0!
0.100	Mar-19	FN02021403	0.100	0.090 - 0.110	0.0997	0.0989	0.0008	0.0993
0.200	Mar-17	FN032712-01	0.200	0.180 - 0.220	0.1997	0.1987	0.001	0.1992
0.300	Oct-18	FN09061305	0.300	0.270 - 0.330	0.2992	0.2985	0.0007	0.2988
0.400			0.400	0.360 - 0.440			0	#DIV/0!
0.500	Jan-18	FN012813-01	0.500	0.450 - 0.550	0.5006	0.5017	0.0011	0.5011

Aqueous Controls

Control level	Expiration	Cerilliant Lot #	Target Value	Acceptable Range	Overall Results
0.080	Oct-18	FN09051304	0.08000	0.076 - 0.084	, 0.080 g/100cc

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

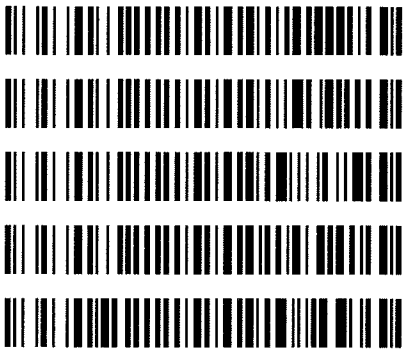
Issued: 4/22/2015

Volatiles QA/QC data spreadsheet Rev 5

Issuing Authority: Quality Manager

Worklist: 1488

LAB_CASE	ITEM	TASK_ID	DESCRIPTION
C2016-2366	1	73367	Alcohol Analysis
C2016-2458	1	73299	Alcohol Analysis
C2017-0024	1	73567	Alcohol Analysis
C2017-0065	1	74192	Alcohol Analysis
M2017-0031	1	73682	Alcohol Analysis



Sample Summary

Sequence table: C:\Chem32\1\TEMP\AESEQ\QS_16.01.2017_12.00.56\1-16-17.S
Data directory path: C:\Chem32\1\Data\1-16-17JJ
Logbook: C:\Chem32\1\Data\1-16-17JJ\1-16-17.LOG
Sequence start: 1/16/2017 12:14:41 PM
Sequence Operator: SYSTEM
Operator: SYSTEM

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

Run #	Location	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
1	1	1	water	-	1.0000	001F0101.D	0
2	2	1	VOL MIX FN-06041	-	1.0000	002F0201.D	10
3	3	1	ISTD BLANK	-	1.0000	003F0301.D	2
4	4	1	QC-1-A	-	1.0000	004F0401.D	4
5	5	1	QC-1-B	-	1.0000	005F0501.D	4
6	6	1	0.08 FN09051304-	-	1.0000	006F0601.D	4
7	7	1	0.08 FN09051304-	-	1.0000	007F0701.D	4
8	8	1	C2016-2366-1-A	-	1.0000	008F0801.D	4
9	9	1	C2016-2366-1-B	-	1.0000	009F0901.D	4
10	10	1	C2016-2458-1-A	-	1.0000	010F1001.D	4
11	11	1	C2016-2458-1-B	-	1.0000	011F1101.D	4
12	12	1	C2017-0024-1-A	-	1.0000	012F1201.D	4
13	13	1	C2017-0024-1-B	-	1.0000	013F1301.D	4
14	14	1	C2017-0065-1-A	-	1.0000	014F1401.D	4
15	15	1	C2017-0065-1-B	-	1.0000	015F1501.D	4
16	16	1	M2017-0031-1-A	-	1.0000	016F1601.D	6
17	17	1	M2017-0031-1-B	-	1.0000	017F1701.D	6
18	18	1	john comp #5-A	-	1.0000	018F1801.D	4
19	19	1	john comp #5-B	-	1.0000	019F1901.D	4
20	20	1	john comp #6-A	-	1.0000	020F2001.D	4
21	21	1	john comp #6-B	-	1.0000	021F2101.D	4
22	22	1	QC-2-A	-	1.0000	022F2201.D	4
23	23	1	QC-2-B	-	1.0000	023F2301.D	4
24	24	1	water	-	1.0000	024F2401.D	0
25	25	1	ISTD BLANK	-	1.0000	025F2501.D	2

Calibration Table

General Calibration Setting

Calib. Data Modified : Monday, January 16, 2017 11:47:11 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 : No recalibration if peaks missing

Curve Type : Linear
Origin : Forced
Weight : Equal

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

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

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

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

Signal Details

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

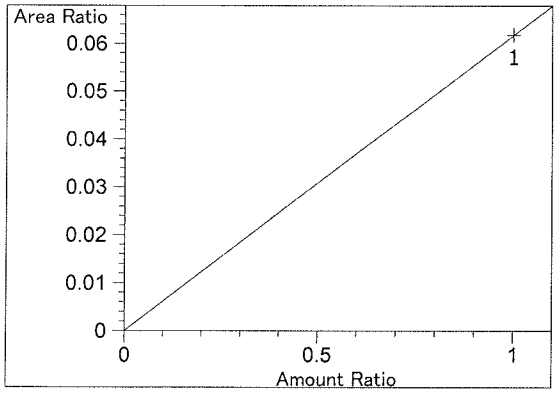
Overview Table

RT	Sig	Lvl	Amount [g/100cc]	Area	Rsp.Factor	Ref	ISTD	#	Compound
2.000	2	1	1.00000	5.00000	2.00000e-1	No	No	2	Difluoroethane
2.000	1	1	1.00000	5.00000	2.00000e-1	No	No	1	Difluoroethane
2.494	1	1	1.00000	3.69669	2.70512e-1	No	No	1	Methanol
2.772	1	1	1.00000	3.19311	3.13174e-1	No	No	1	Acetaldehyde
2.797	2	1	1.00000	3.10575	3.21983e-1	No	No	2	Acetaldehyde
3.099	1	1	5.00000e-2	7.94848	6.29051e-3	No	No	1	Ethanol
		2	1.00000e-1	15.95474	6.26773e-3				
		3	2.00000e-1	32.19606	6.21194e-3				
		4	3.00000e-1	47.18864	6.35746e-3				
		5	5.00000e-1	79.39526	6.29760e-3				
3.211	2	1	1.00000	4.26062	2.34707e-1	No	No	2	Methanol
3.715	1	1	1.00000	9.73055	1.02769e-1	No	No	1	Isopropyl alcohol
4.167	2	1	5.00000e-2	7.88006	6.34513e-3	No	No	2	Ethanol
		2	1.00000e-1	15.81763	6.32206e-3				
		3	2.00000e-1	32.01190	6.24768e-3				
		4	3.00000e-1	46.95685	6.38884e-3				
		5	5.00000e-1	79.15952	6.31636e-3				
4.530	1	1	1.00000	6.49940	1.53860e-1	No	No	1	Acetone
4.549	2	1	1.00000	6.89301	1.45075e-1	No	No	2	Acetone
4.870	2	1	1.00000	10.70642	9.34019e-2	No	No	2	Isopropyl alcohol
4.927	1	1	1.00000	81.68360	1.22424e-2	No	Yes	1	n-Propanol
		2	1.00000	82.10921	1.21789e-2				
		3	1.00000	82.73552	1.20867e-2				
		4	1.00000	80.94479	1.23541e-2				
		5	1.00000	81.40119	1.22848e-2				
7.596	2	1	1.00000	80.96589	1.23509e-2	No	Yes	2	n-Propanol
		2	1.00000	80.97316	1.23498e-2				
		3	1.00000	81.53473	1.22647e-2				
		4	1.00000	79.61224	1.25609e-2				
		5	1.00000	79.84664	1.25240e-2				

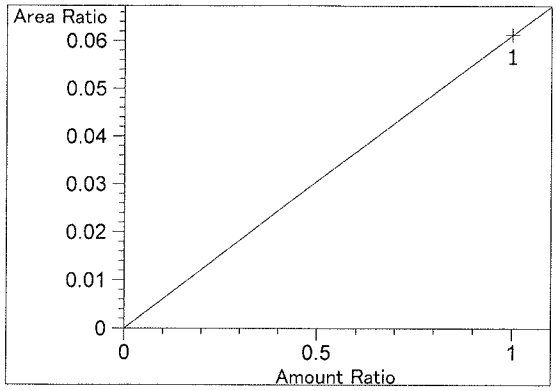
Peak Sum Table

No Entries in table

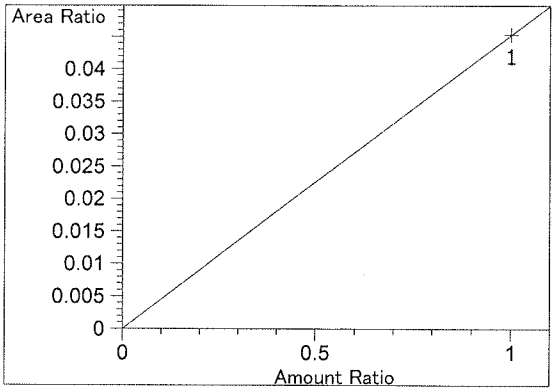
Calibration Curves



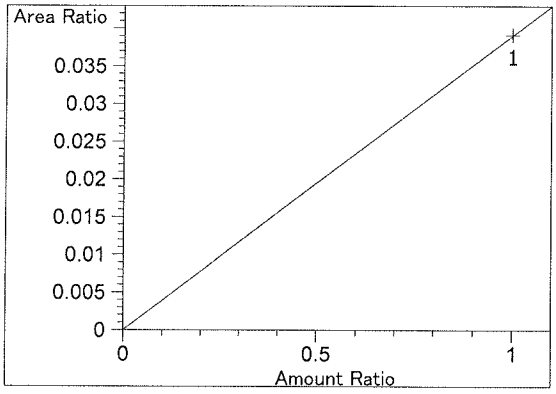
Difluoroethane at exp. RT: 2.000
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 6.17544e-2
x: Amount Ratio
y: Area Ratio



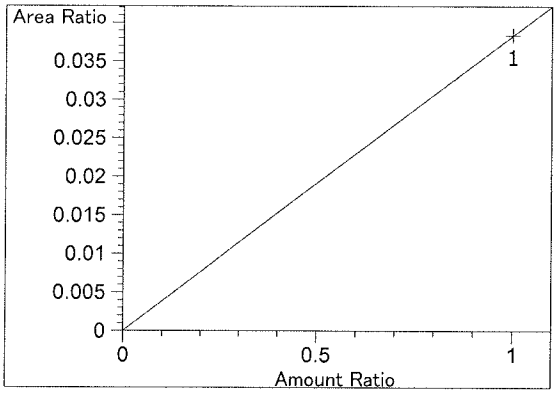
Difluoroethane at exp. RT: 2.000
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 6.12118e-2
x: Amount Ratio
y: Area Ratio



Methanol at exp. RT: 2.494
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 4.52563e-2
x: Amount Ratio
y: Area Ratio



Acetaldehyde at exp. RT: 2.772
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 3.90912e-2
x: Amount Ratio
y: Area Ratio



Acetaldehyde at exp. RT: 2.797
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 3.83587e-2
x: Amount Ratio
y: Area Ratio

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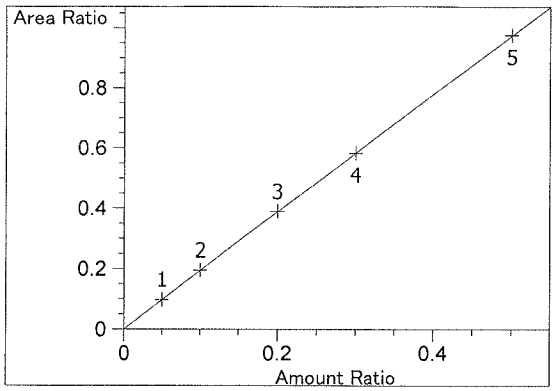
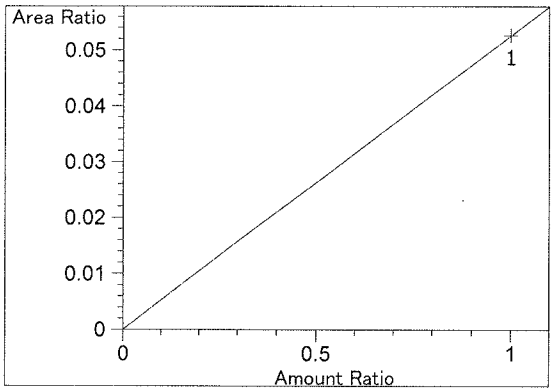
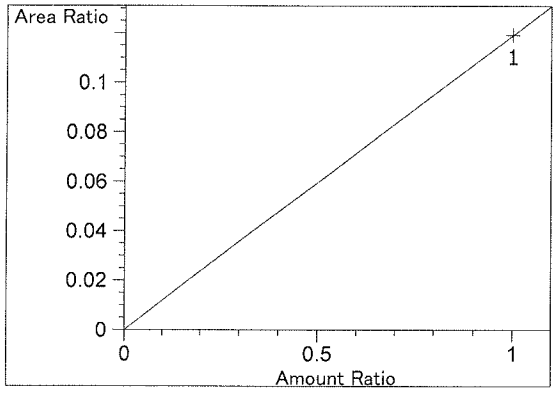


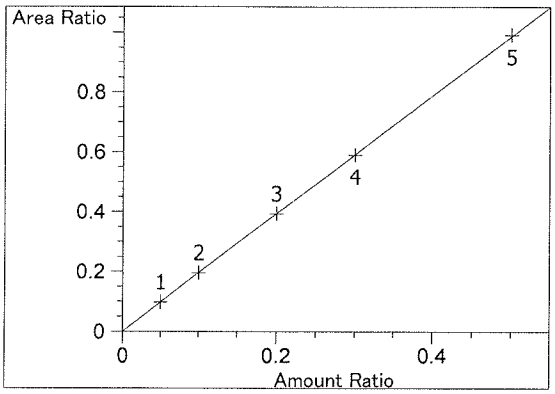
Ethanol at exp. RT: 3.099
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00104
Formula: y = mx
m: 1.94827
x: Amount Ratio
y: Area Ratio



Methanol at exp. RT: 3.211
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 5.26225e-2
x: Amount Ratio
y: Area Ratio

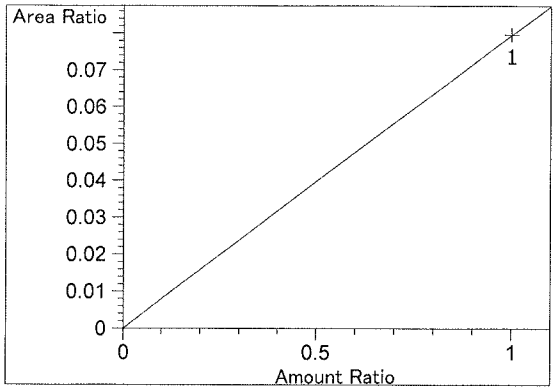


Isopropyl alcohol at exp. RT: 3.715
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.19125e-1
x: Amount Ratio
y: Area Ratio

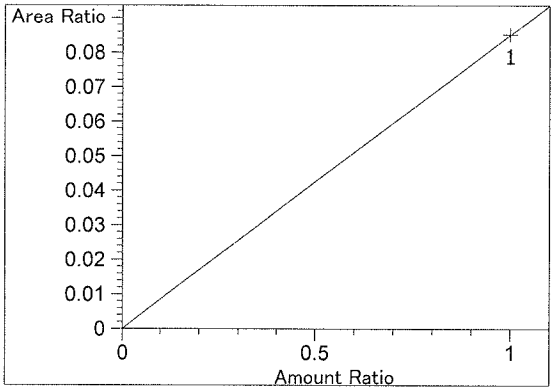


Ethanol at exp. RT: 4.167
FID2 B, Back Signal
Correlation: 0.99999
Residual Std. Dev.: 0.00293
Formula: y = mx
m: 1.97597
x: Amount Ratio
y: Area Ratio

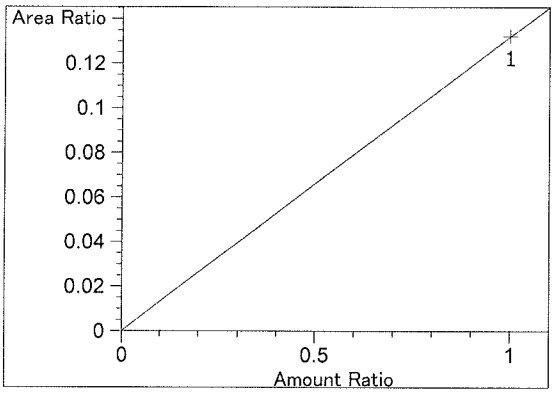
99



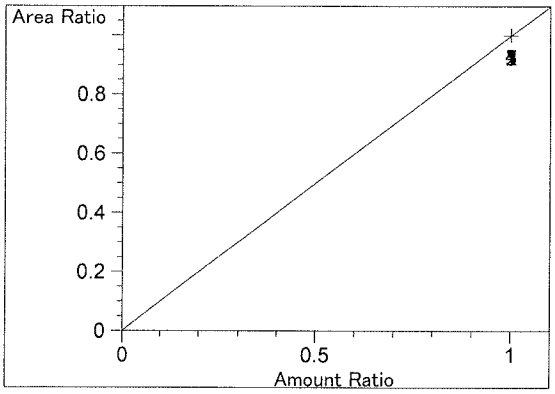
Acetone at exp. RT: 4.530
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 7.95680e-2
x: Amount Ratio
y: Area Ratio



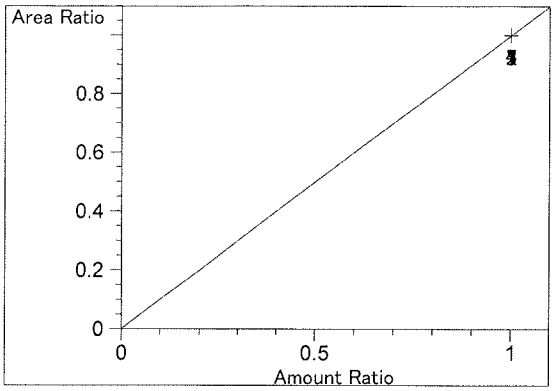
Acetone at exp. RT: 4.549
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 8.51347e-2
x: Amount Ratio
y: Area Ratio



Isopropyl alcohol at exp. RT: 4.870
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.32234e-1
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 4.927
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.00000
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 7.596
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.00000
x: Amount Ratio
y: Area Ratio

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Sample Summary

Sequence table: C:\Chem32\1\TEMP\AESEQ\QS_16.01.2017_10.24.00\1-16-17cal.S
Data directory path: C:\Chem32\1\Data\1-16-17calJJ
Logbook: C:\Chem32\1\Data\1-16-17calJJ\1-16-17cal.LOG
Sequence start: 1/16/2017 10:37:44 AM
Sequence Operator: SYSTEM
Operator: SYSTEM

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

Run #	Location	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal	# Cmp
1	1	1	0.05	-	1.0000	001F0101.D	*	4
2	2	1	0.100	-	1.0000	002F0201.D	*	4
3	3	1	0.200	-	1.0000	003F0301.D	*	4
4	4	1	0.300	-	1.0000	004F0401.D	*	4
5	5	1	0.500	-	1.0000	005F0501.D	*	4
6	6	1	blank	-	1.0000	006F0601.D		2

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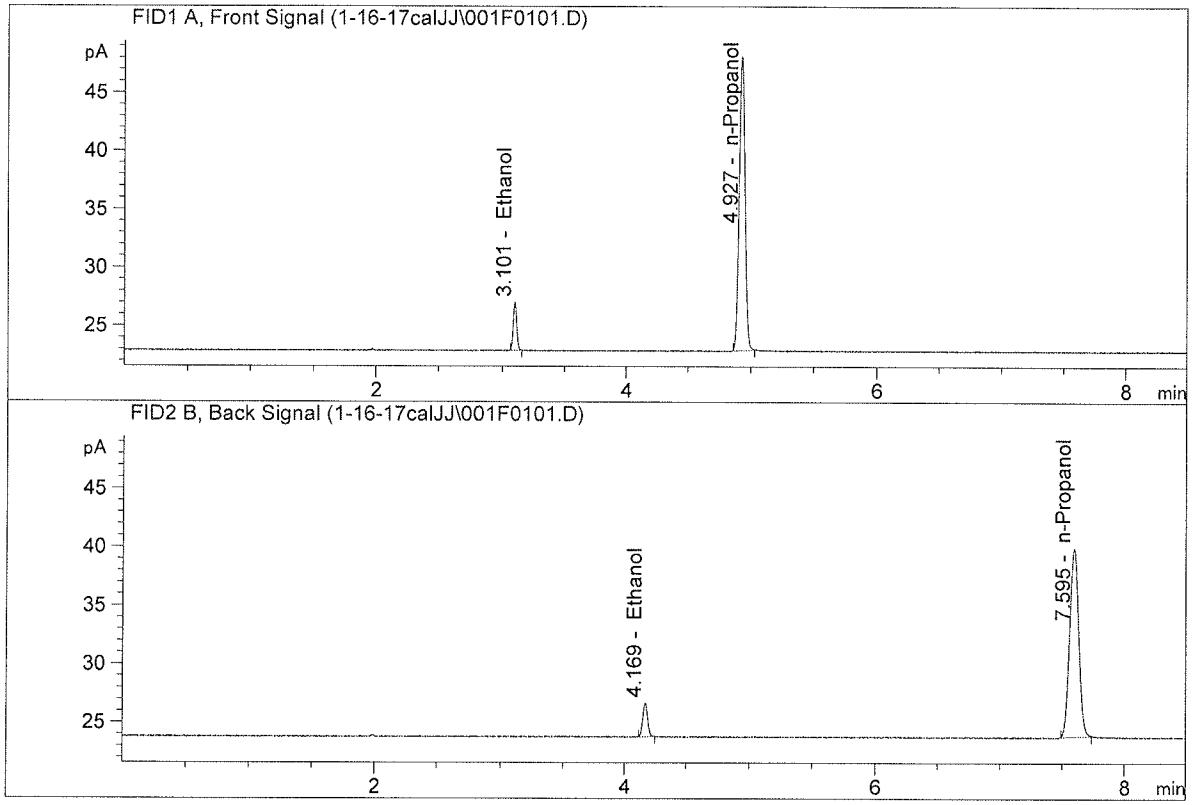
ISP Forensic Services Blood Alcohol Report

Sample Name : 0.05
Laboratory : Coeur d' Alene
Injection Date : Jan 16, 2017
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.94848	0.0499	g/100cc
2.	Ethanol	Column 2:	7.88006	0.0493	g/100cc
3.	n-Propanol	Column 1:	81.68360	1.0000	g/100cc
4.	n-Propanol	Column 2:	80.96589	1.0000	g/100cc

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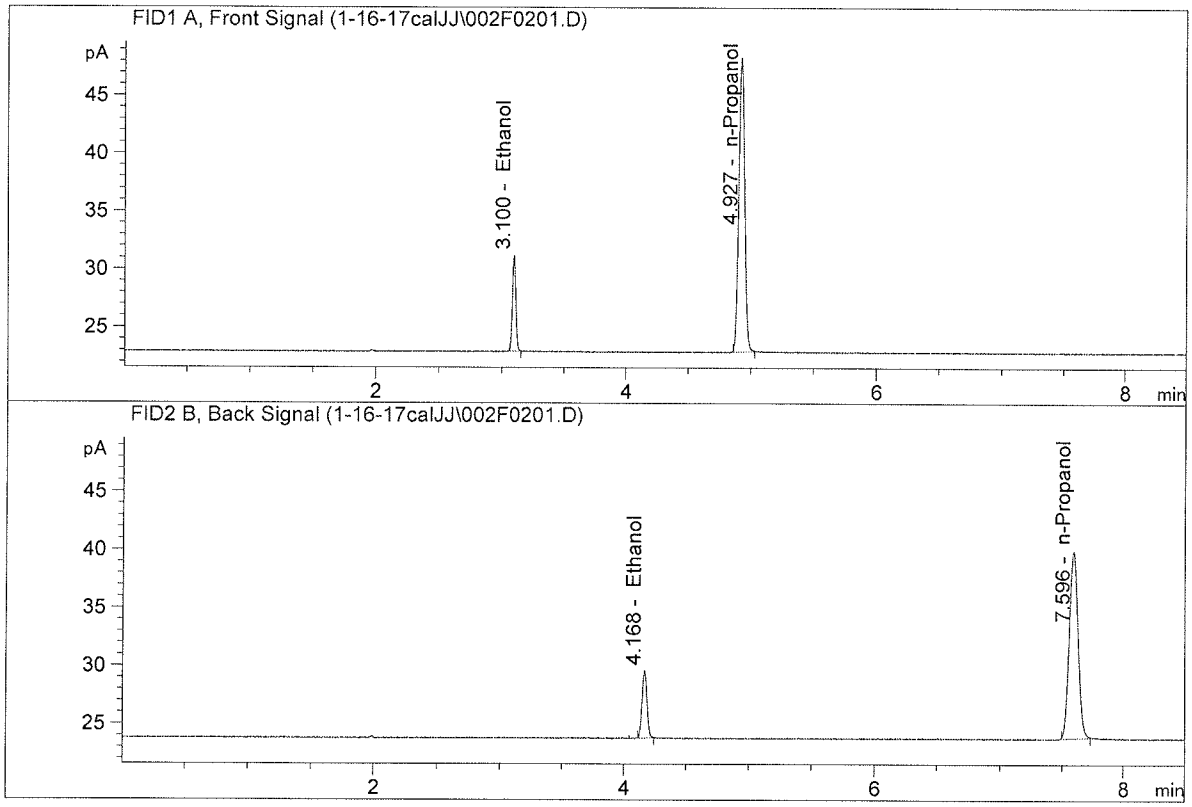
ISP Forensic Services Blood Alcohol Report

Sample Name : 0.100
Laboratory : Coeur d' Alene
Injection Date : Jan 16, 2017
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	15.95474	0.0997	g/100cc
2.	Ethanol	Column 2:	15.81763	0.0989	g/100cc
3.	n-Propanol	Column 1:	82.10921	1.0000	g/100cc
4.	n-Propanol	Column 2:	80.97316	1.0000	g/100cc

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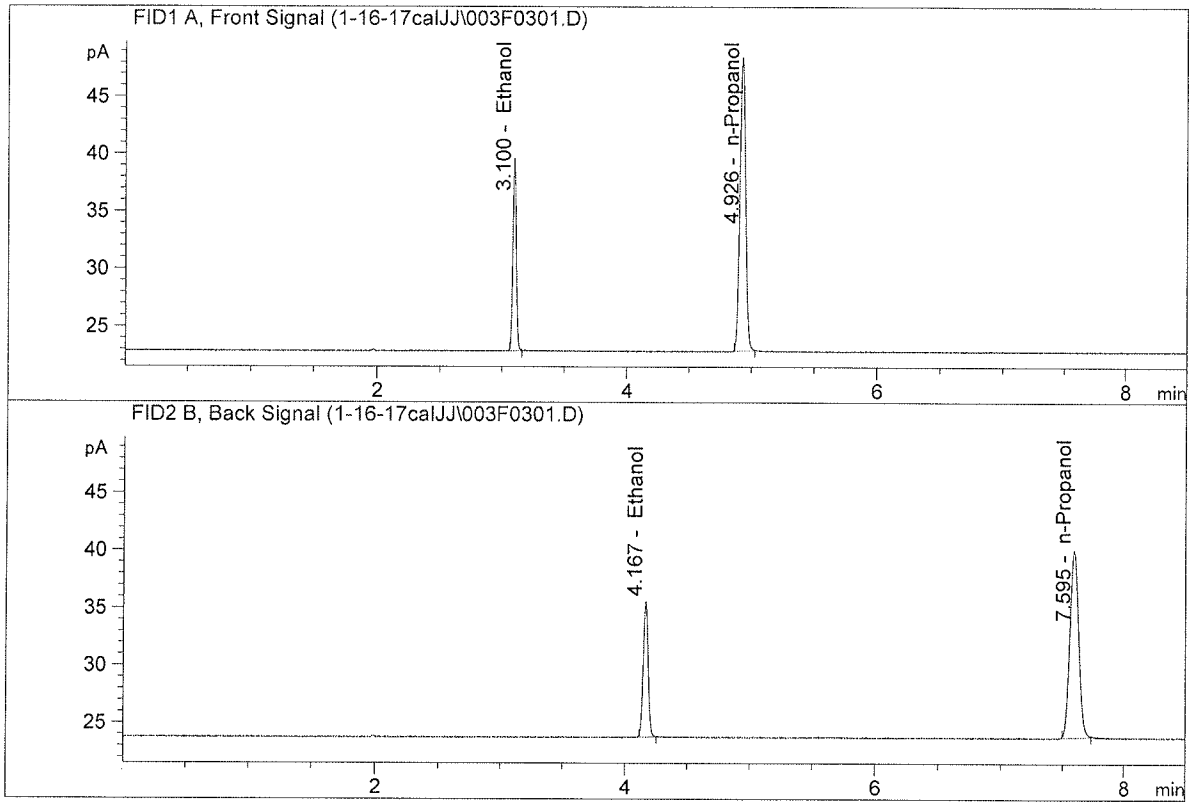
ISP Forensic Services Blood Alcohol Report

Sample Name : 0.200
Laboratory : Coeur d' Alene
Injection Date : Jan 16, 2017
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	32.19606	0.1997	g/100cc
2.	Ethanol	Column 2:	32.01190	0.1987	g/100cc
3.	n-Propanol	Column 1:	82.73552	1.0000	g/100cc
4.	n-Propanol	Column 2:	81.53473	1.0000	g/100cc

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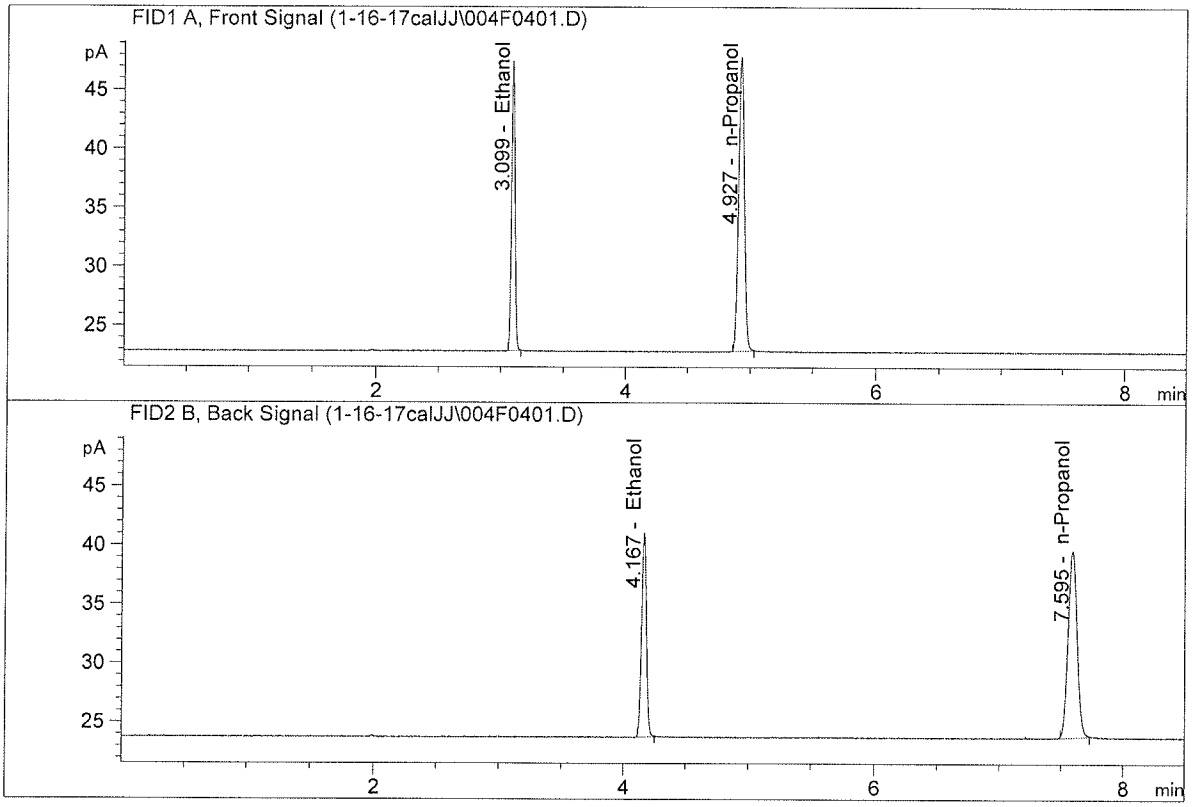
ISP Forensic Services Blood Alcohol Report

Sample Name : 0.300
Laboratory : Coeur d' Alene
Injection Date : Jan 16, 2017
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	47.18864	0.2992	g/100cc
2.	Ethanol	Column 2:	46.95685	0.2985	g/100cc
3.	n-Propanol	Column 1:	80.94479	1.0000	g/100cc
4.	n-Propanol	Column 2:	79.61224	1.0000	g/100cc

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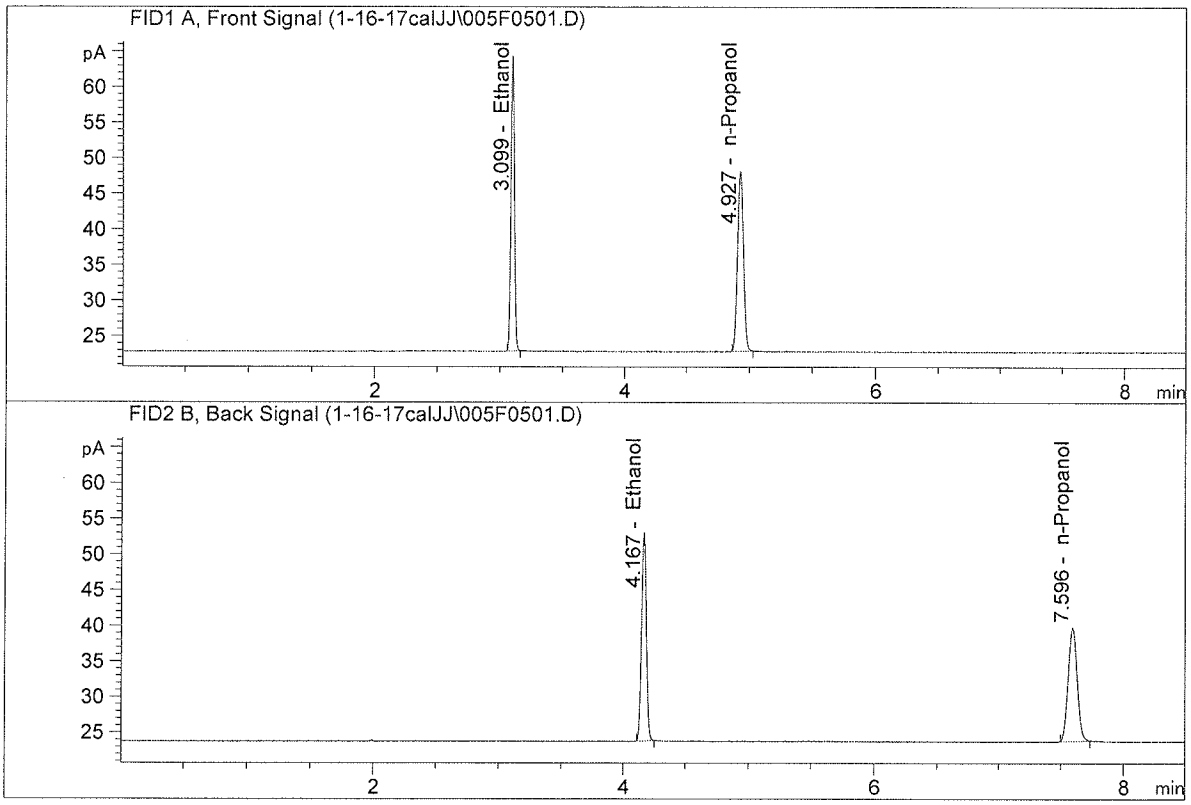
ISP Forensic Services Blood Alcohol Report

Sample Name : 0.500
Laboratory : Coeur d' Alene
Injection Date : Jan 16, 2017
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	79.39526	0.5006	g/100cc
2.	Ethanol	Column 2:	79.15952	0.5017	g/100cc
3.	n-Propanol	Column 1:	81.40119	1.0000	g/100cc
4.	n-Propanol	Column 2:	79.84664	1.0000	g/100cc

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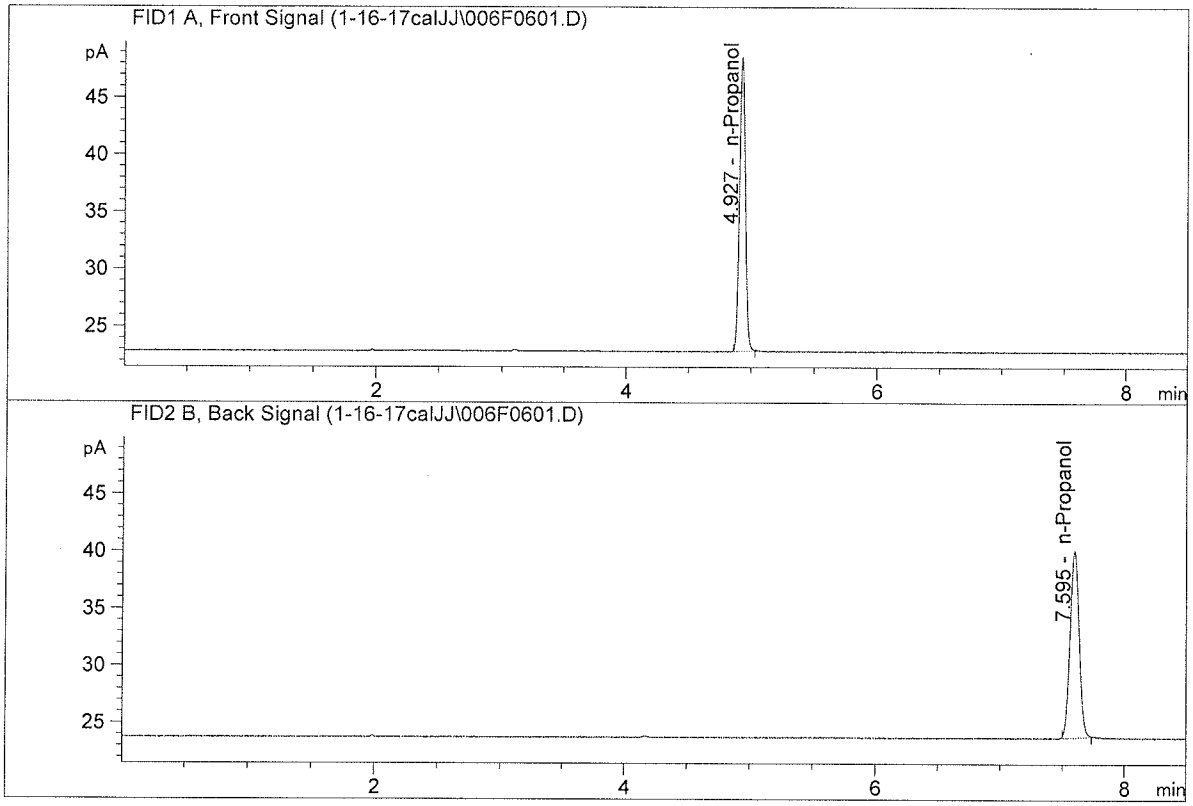
ISP Forensic Services Blood Alcohol Report

Sample Name : blank
Laboratory : Coeur d' Alene
Injection Date : Jan 16, 2017
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	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:	82.99519	1.0000	g/100cc
4.	n-Propanol	Column 2:	81.71893	1.0000	g/100cc

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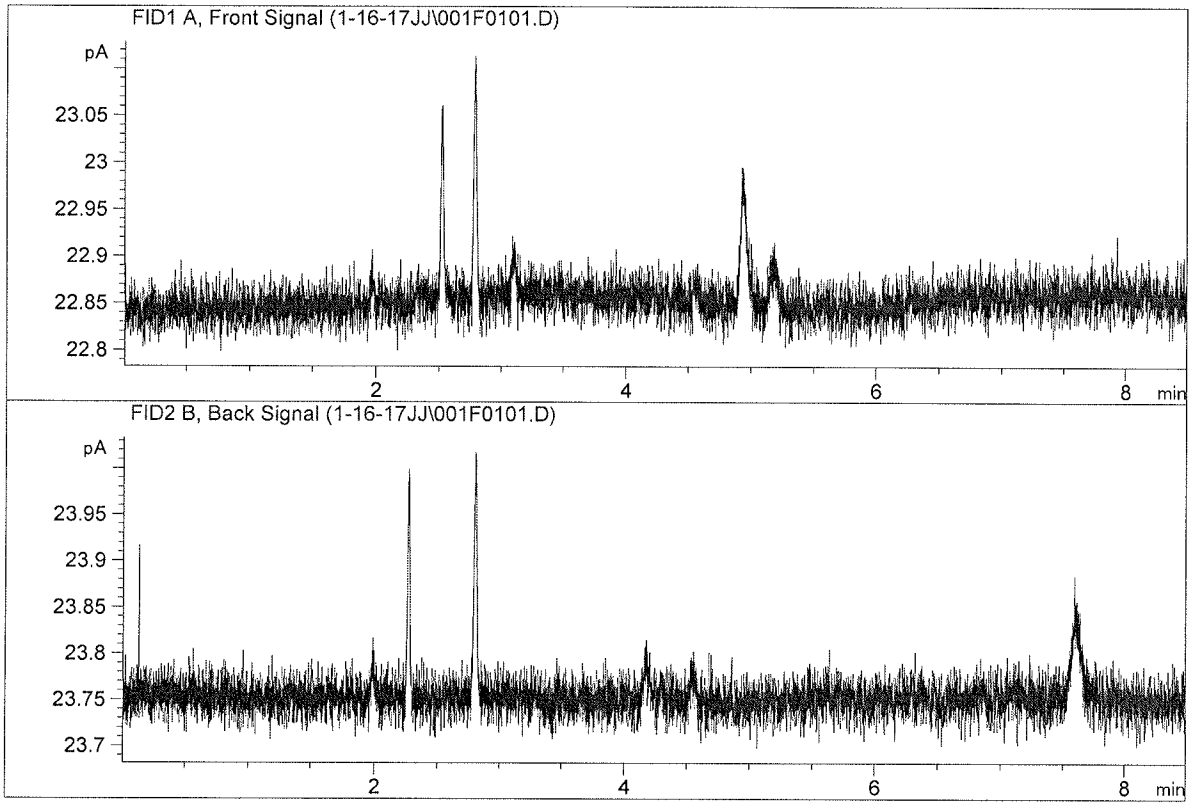
ISP Forensic Services Blood Alcohol Report

Sample Name	:	water
Laboratory	:	Coeur d' Alene
Injection Date	:	Jan 16, 2017
Method	:	ALCOHOL.M
Acq. Instrument	:	CN10742044-IT00725005



#	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

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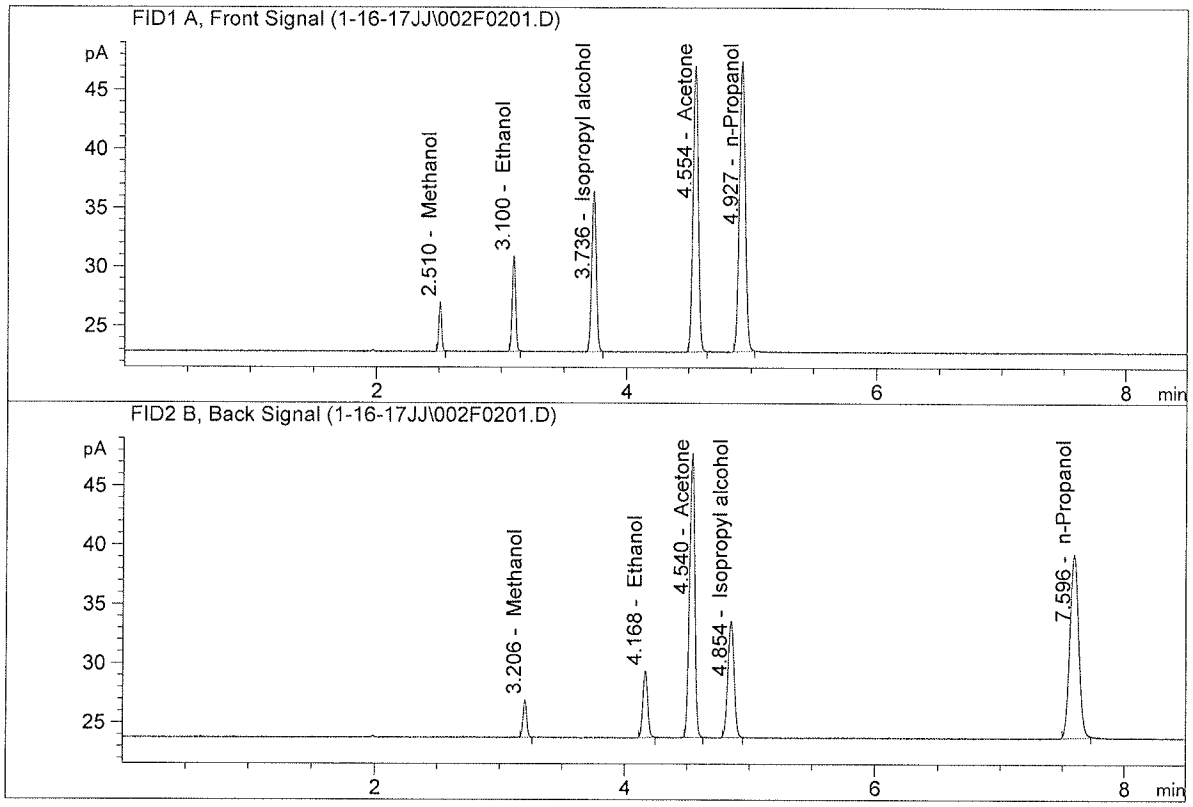
ISP Forensic Services Blood Alcohol Report

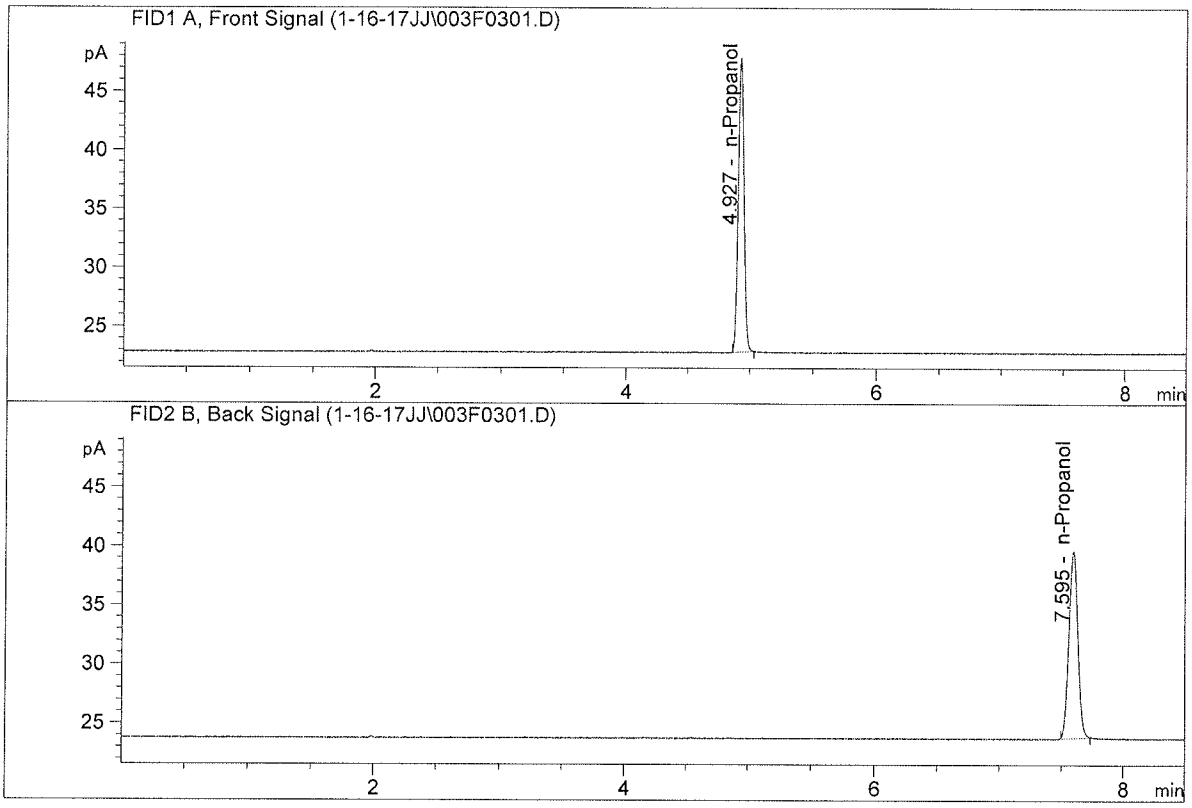
Sample Name : VOL MIX FN-06041502
Laboratory : Coeur d' Alene
Injection Date : Jan 16, 2017
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	15.48548	0.1006	g/100cc
2.	Ethanol	Column 2:	15.32267	0.0998	g/100cc
3.	n-Propanol	Column 1:	78.99641	1.0000	g/100cc
4.	n-Propanol	Column 2:	77.67791	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : ISTD BLANK
Laboratory : Coeur d' Alene
Injection Date : Jan 16, 2017
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	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:	80.84130	1.0000	g/100cc
4.	n-Propanol	Column 2:	79.61251	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC-1 **Analysis Date(s): 16 Jan 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0778	0.0774	0.0004	0.0776	0.0777	
(g/100cc)	0.0780	0.0776	0.0004	0.0778		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument method is stored centrally.*

Refer to Instrument Method: Alcohol.m
Hamilton Auto-Dilutor Serial Number: MD-96GF641

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

Overall Mean (g/100cc)	Low	High	5% of Mean
0.077	**0.073**	**0.081**	**0.004**

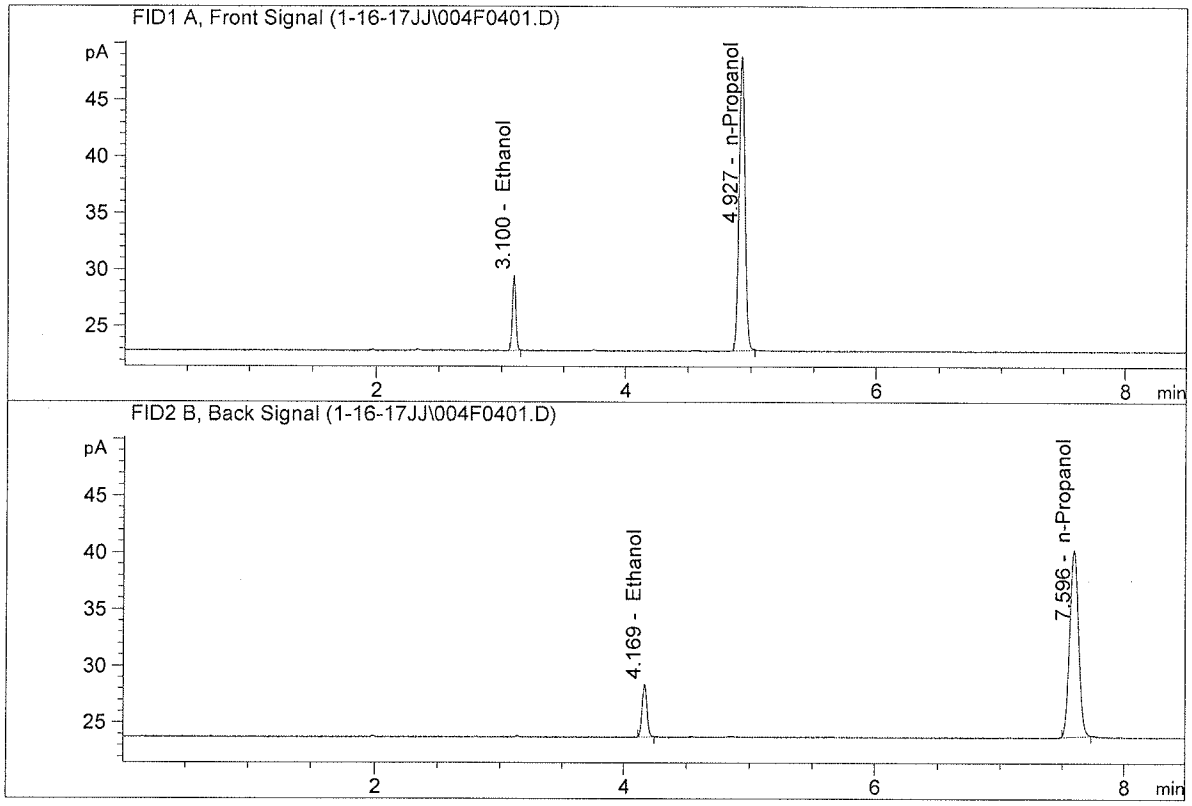
Reported Result

0.077

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

Sample Name : QC-1-A
Laboratory : Coeur d' Alene
Injection Date : Jan 16, 2017
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	12.72159	0.0778	g/100cc
2.	Ethanol	Column 2:	12.62887	0.0774	g/100cc
3.	n-Propanol	Column 1:	83.91840	1.0000	g/100cc
4.	n-Propanol	Column 2:	82.59228	1.0000	g/100cc

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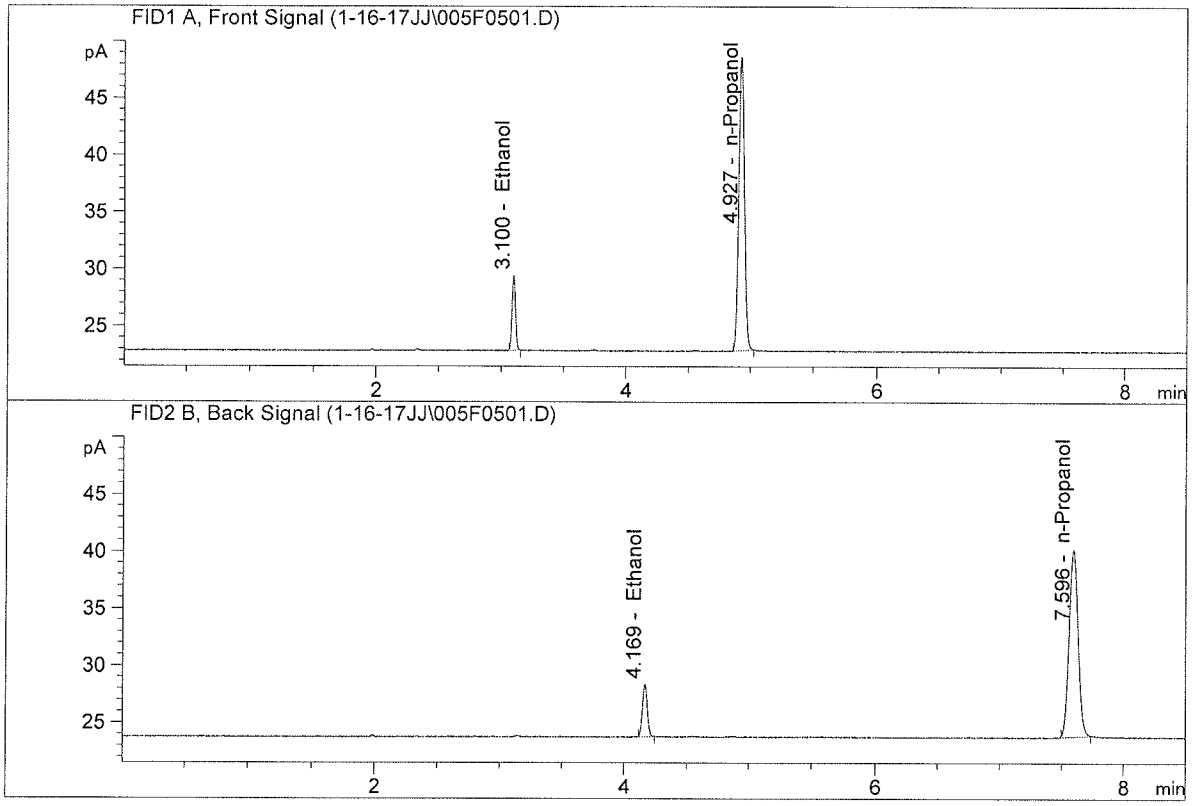
ISP Forensic Services Blood Alcohol Report

Sample Name : QC-1-B
Laboratory : Coeur d' Alene
Injection Date : Jan 16, 2017
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	12.66812	0.0780	g/100cc
2.	Ethanol	Column 2:	12.58348	0.0776	g/100cc
3.	n-Propanol	Column 1:	83.36346	1.0000	g/100cc
4.	n-Propanol	Column 2:	82.10132	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.08 FN09051304 **Analysis Date(s): 16 Jan 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0800	0.0795	0.0005	0.0797	0.0801	
(g/100cc)	0.0808	0.0802	0.0006	0.0805		

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: MD-96GF641

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**

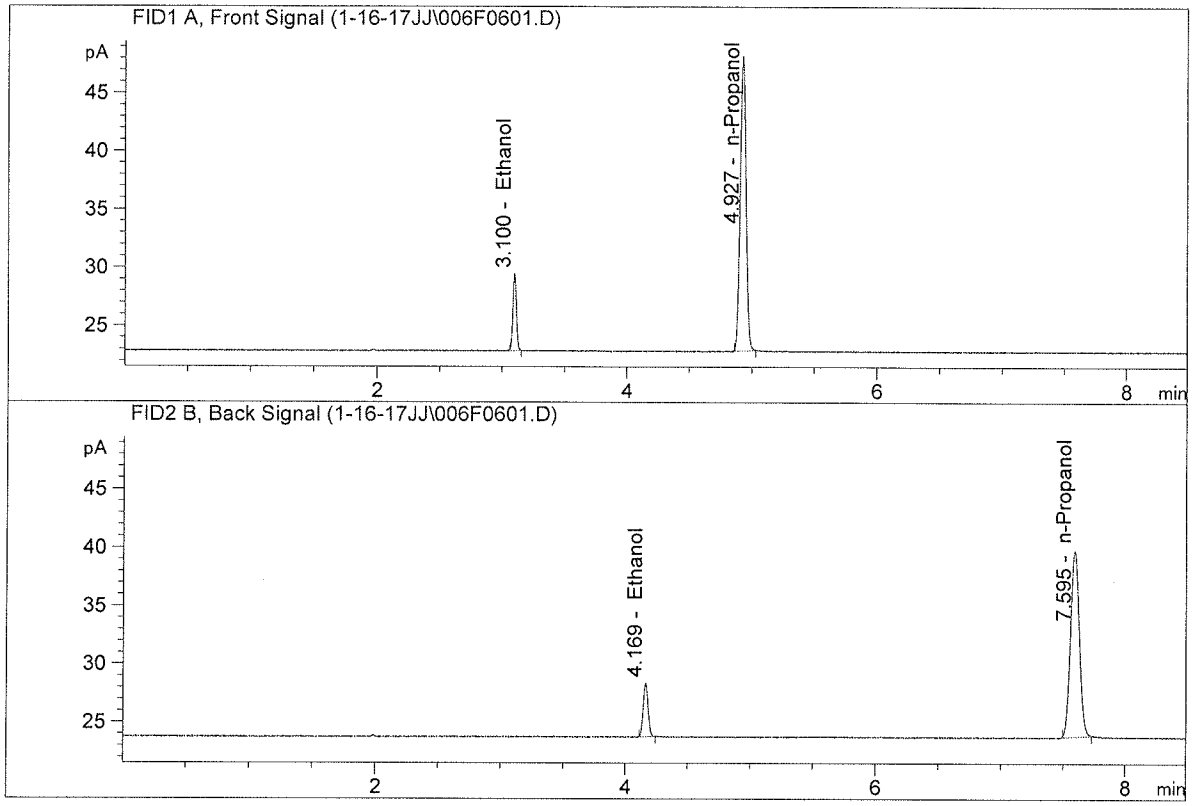
Reported Result

0.080

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN09051304-A
Laboratory : Coeur d' Alene
Injection Date : Jan 16, 2017
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	12.72237	0.0800	g/100cc
2.	Ethanol	Column 2:	12.61791	0.0795	g/100cc
3.	n-Propanol	Column 1:	81.57731	1.0000	g/100cc
4.	n-Propanol	Column 2:	80.30331	1.0000	g/100cc

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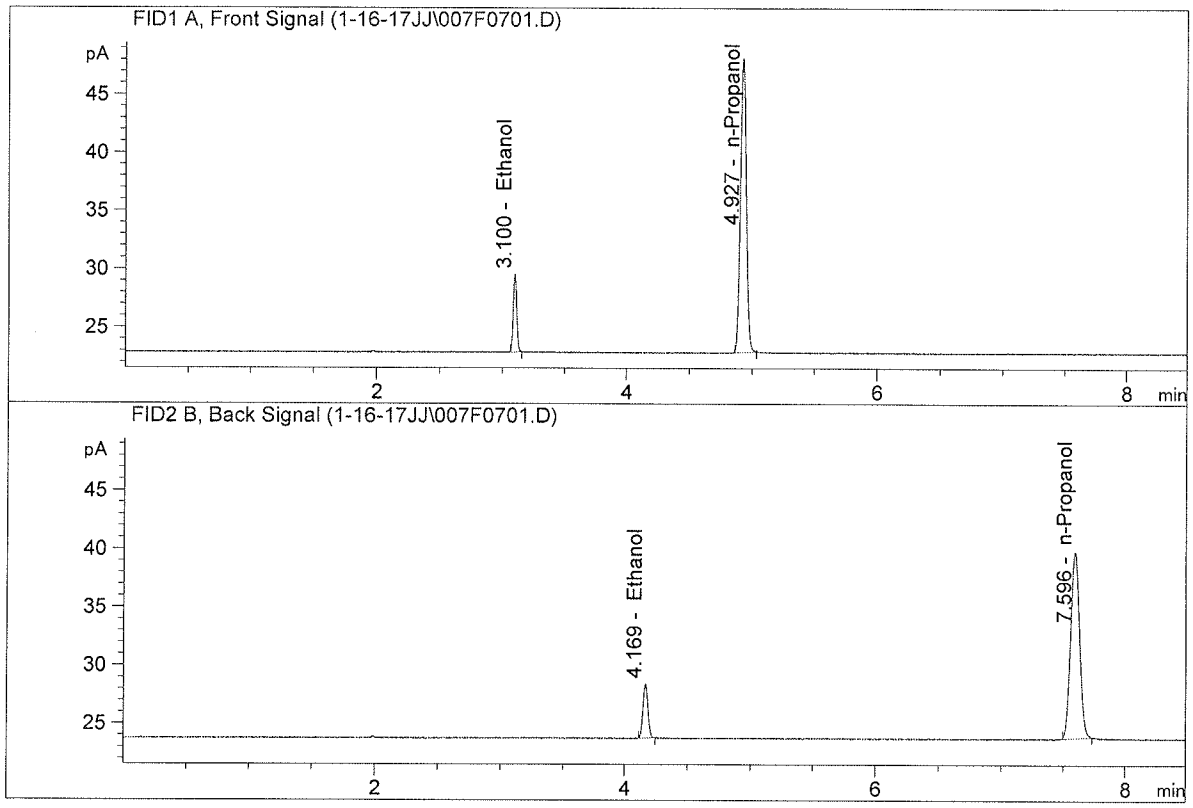
ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN09051304-B
Laboratory : Coeur d' Alene
Injection Date : Jan 16, 2017
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	12.88081	0.0808	g/100cc
2.	Ethanol	Column 2:	12.70977	0.0802	g/100cc
3.	n-Propanol	Column 1:	81.78092	1.0000	g/100cc
4.	n-Propanol	Column 2:	80.21934	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC-2 **Analysis Date(s): 16 Jan 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.1941	0.1939	0.0002	0.1940	0.1943	
(g/100cc)	0.1948	0.1945	0.0003	0.1946		

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: MD-96GF641

Reporting of Results

Uncertainty of Measurement (UM%): 5.00%

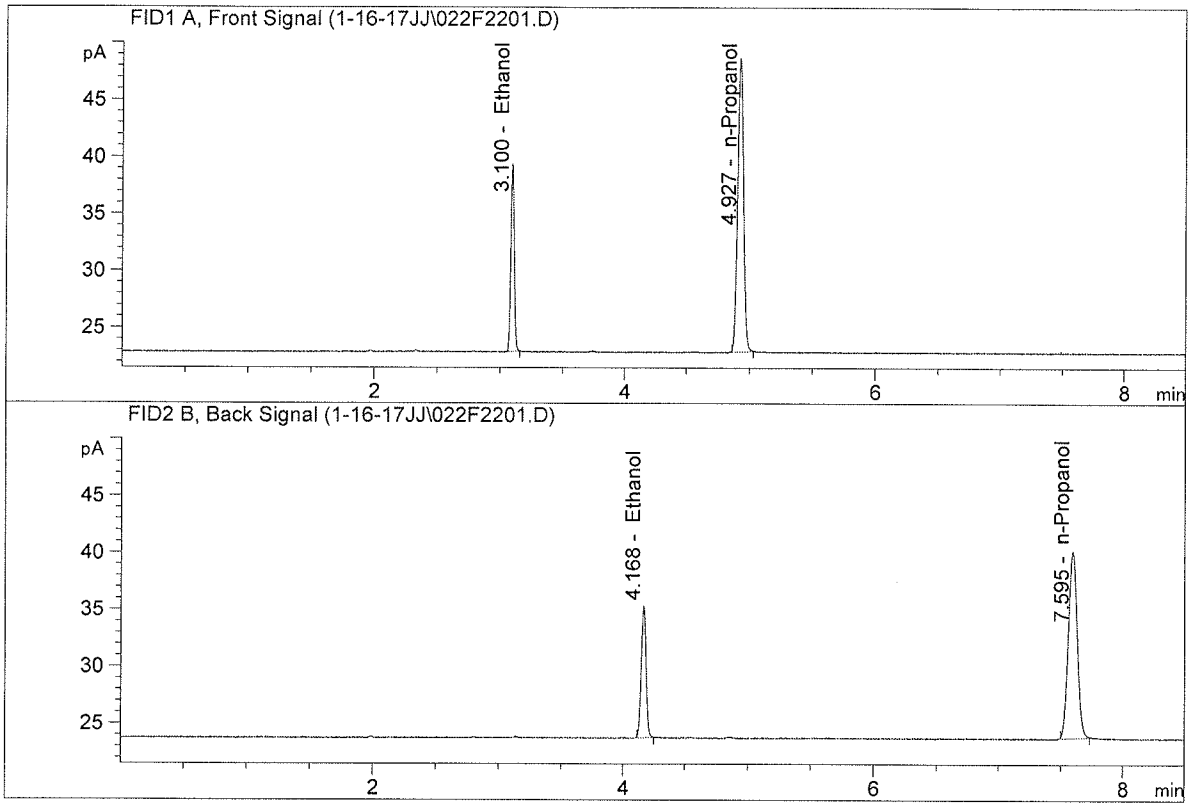
Overall Mean (g/100cc)	Low	High	5% of Mean
0.194	**0.184**	**0.204**	**0.010**

Reported Result
0.194

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

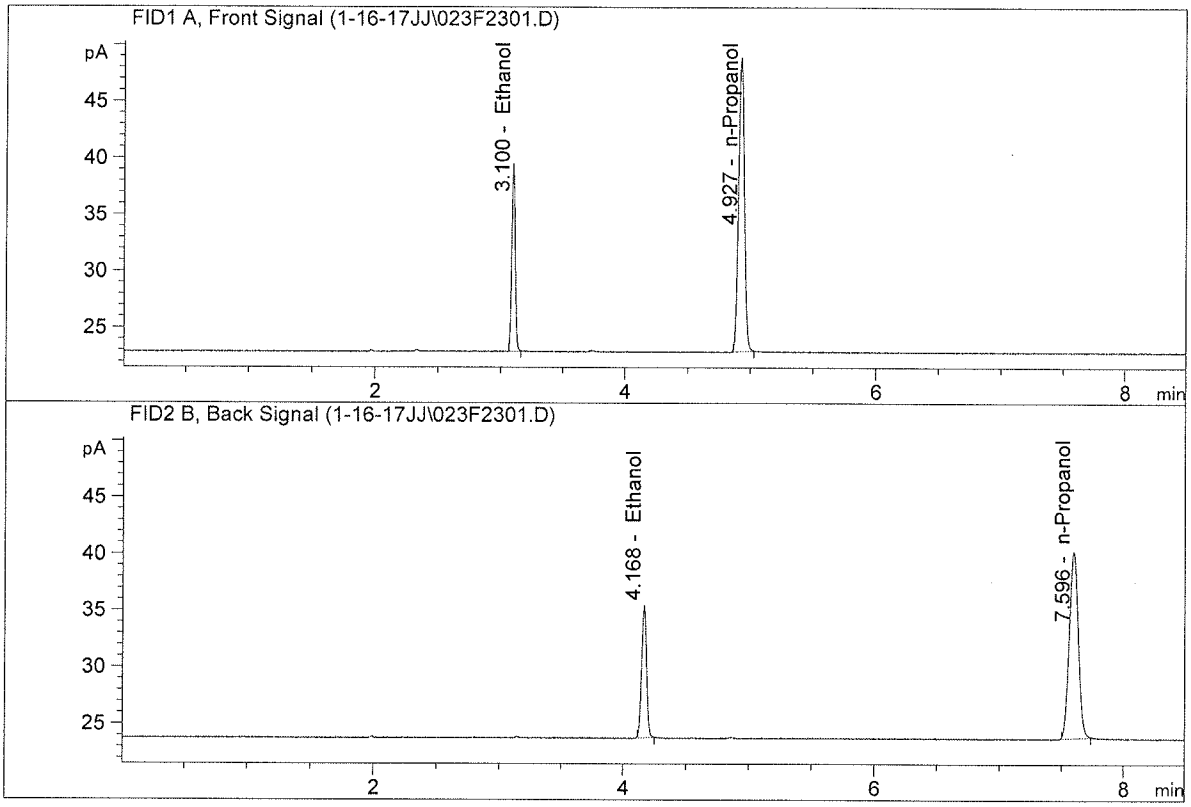
Sample Name : QC-2-A
Laboratory : Coeur d' Alene
Injection Date : Jan 16, 2017
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	31.62197	0.1941	g/100cc
2.	Ethanol	Column 2:	31.49433	0.1939	g/100cc
3.	n-Propanol	Column 1:	83.60780	1.0000	g/100cc
4.	n-Propanol	Column 2:	82.21706	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

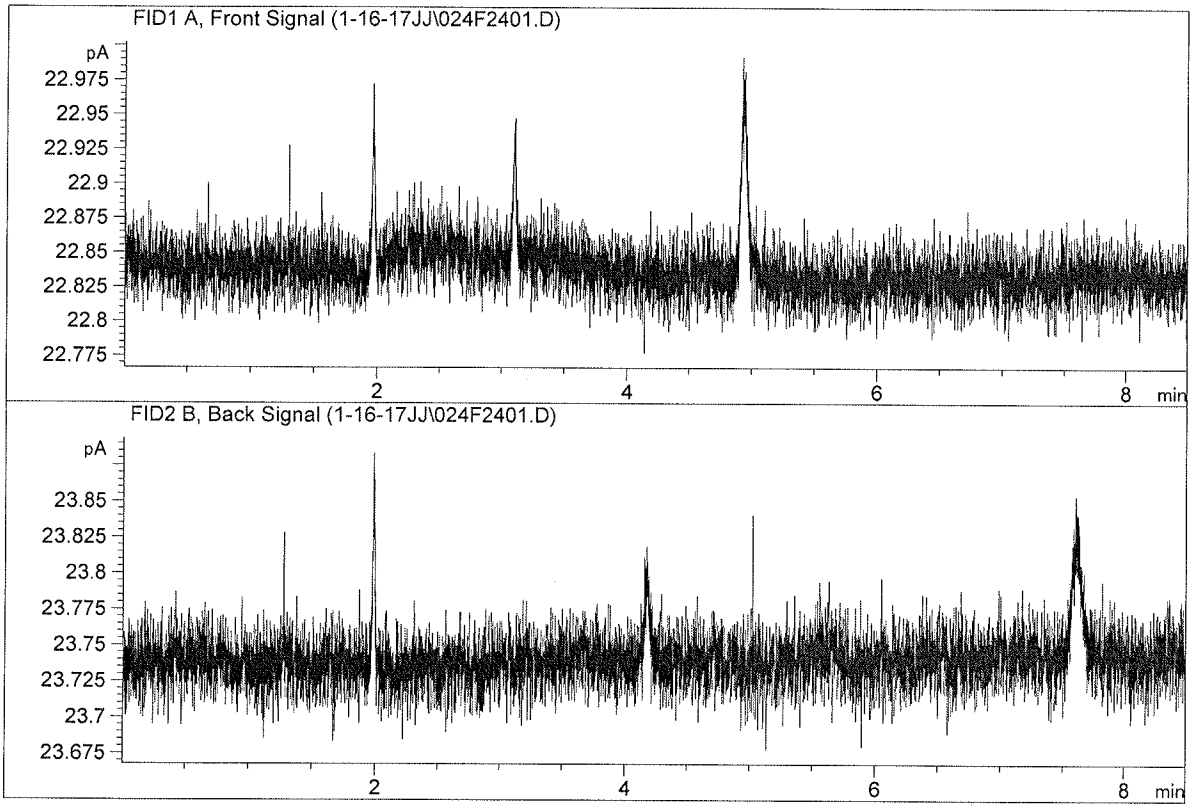
Sample Name : QC-2-B
Laboratory : Coeur d' Alene
Injection Date : Jan 16, 2017
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	31.96133	0.1948	g/100cc
2.	Ethanol	Column 2:	31.73614	0.1945	g/100cc
3.	n-Propanol	Column 1:	84.19379	1.0000	g/100cc
4.	n-Propanol	Column 2:	82.57925	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

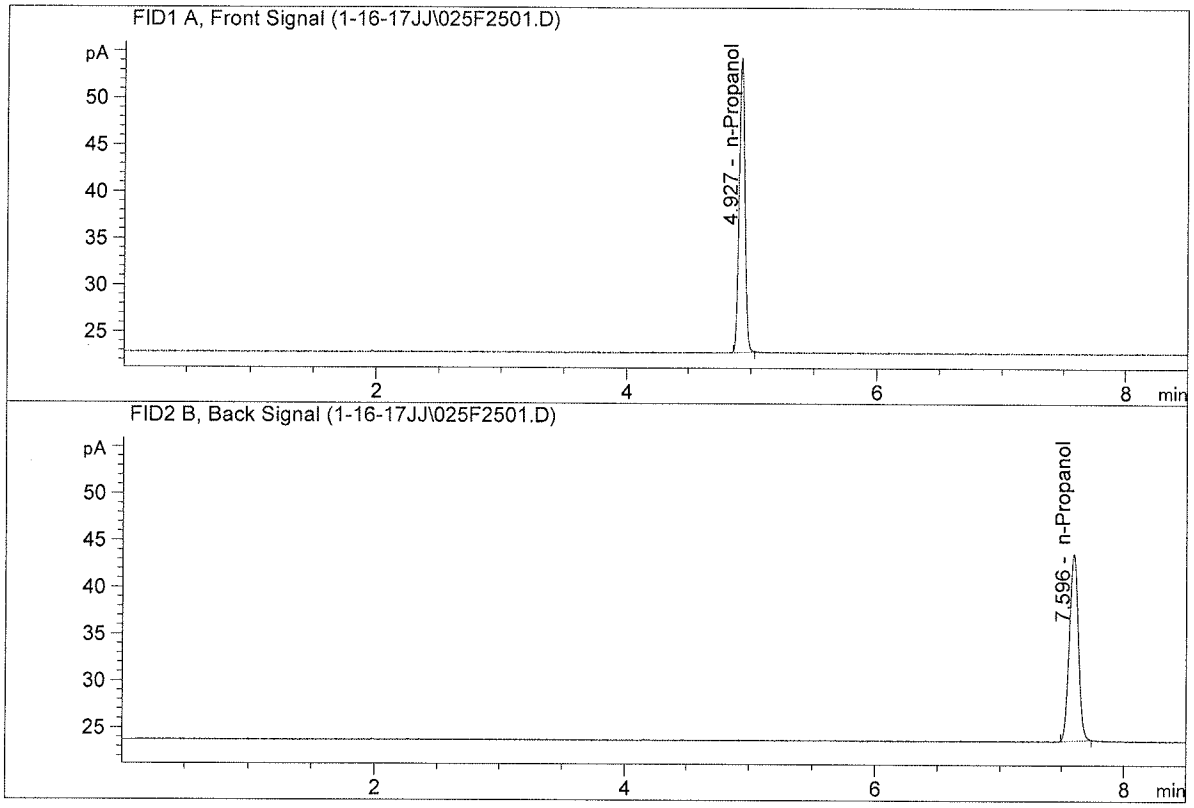
Sample Name : water
Laboratory : Coeur d' Alene
Injection Date : Jan 16, 2017
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	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

ISP Forensic Services Blood Alcohol Report

Sample Name : ISTD BLANK
Laboratory : Coeur d' Alene
Injection Date : Jan 16, 2017
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	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:	101.55945	1.0000	g/100cc
4.	n-Propanol	Column 2:	100.33529	1.0000	g/100cc

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