9/24/2020

Worklist: 4536

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
C2020-1729	1	BCK	Alcohol Analysis
C2020-1757	1	BCK	Alcohol Analysis
C2020-1767	1	BCK	Alcohol Analysis
C2020-1774	1	BCK	Alcohol Analysis
C2020-1783	1	BCK	Alcohol Analysis
C2020-1783	2	BCK	Alcohol Analysis
C2020-1806	1	BCK	Alcohol Analysis
C2020-1828	1	BCK	Alcohol Analysis
C2020-1830	1	UCK	Alcohol Analysis
C2020-1838	1	BCK	Alcohol Analysis
C2020-1839	1	BCK	Alcohol Analysis
C2020-1840	1	BCK	Alcohol Analysis
C2020-1863	1	AVK	Alcohol Analysis
C2020-1869	1	BCK	Alcohol Analysis
C2020-1871	1	BCK	Alcohol Analysis

Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Analytical Method(s): 1.0

Device: Hamilton MICROLAB Liquid Processor/Dilutor Serial Number: ML600HC11379

Volatiles Quality Assurance Controls **Run Date(s): 9-23-20**

worklist #4536

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jan-22	1801036	0.0812	0.0731-0.0893	0.0765 g/100cc
					0.0771 g/100cc
					g/100cc
Level 2	Mar-22	1803028	0.2035	0.1832-0.2238	0.1951 g/100cc
					g/100cc
					g/100cc

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

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0497	0.0488	0.0009	0.0492
100	0.100	0.090 - 0.110	0.0988	0.0983	0.0005	0.0985
200	0.200	0.180 - 0.220	0.2003	0.2001	0.0002	0.2002
300	0.300	0.270 - 0.330	0.3017	0.3014	0.0003	0.3015
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.4991	0.4996	0.0005	0.4993

Aqueous Controls

Control level	Target Value	Acceptable Range	Overall Results
80	0.080	0.076 - 0.084	0.080 g/100cc

REVIEWED
By Rachel Cutler at 9:58 am, Sep 25, 2020

Revision: 2
Issue Date: 12/23/2019
Issuing Authority: Quality Manager

Sequence File C:\Chem32\1\TEMP\AESEQ\QS_23.09.2020_01.34.52\9-23-2020.S

Sample Summary

Sequence table: C:\Chem32\1\TEMP\AESEQ\QS_23.09.2020_01.34.52\9-23-2020.S
Data directory path: C:\Chem32\1\Data\9-23-20SVJ
Logbook: C:\Chem32\1\Data\9-23-20SVJ\9-23-2020.LOG
Sequence start: 9/23/2020 1:48:41 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	-	1.0000	001F0101.D		0
2	2	1	VOL MIX FN-06041	-	1.0000	002F0201.D		10
3	3	1	ISTD BLANK-1	-	1.0000	003F0301.D		2
4	4	1	QC-1(1)-A	-	1.0000	004F0401.D		4
5	5	1	QC-1(1)-B	-	1.0000	005F0501.D		4
6	6	1	0.08 FN09181807-	-	1.0000	006F0601.D		4
7	7	1	0.08 FN09181807-	-	1.0000	007F0701.D		4
8	8	1	C2020-1729-1-A	-	1.0000	008F0801.D		2
9	9	1	C2020-1729-1-B	-	1.0000	009F0901.D		2
10	10	1	C2020-1757-1-A	-	1.0000	010F1001.D		4
11	11	1	C2020-1757-1-B	-	1.0000	011F1101.D		4
12	12	1	C2020-1767-1-A	-	1.0000	012F1201.D		4
13	13	1	C2020-1767-1-B	-	1.0000	013F1301.D		4
14	14	1	C2020-1774-1-A	-	1.0000	014F1401.D		4
15	15	1	C2020-1774-1-B	-	1.0000	015F1501.D		4
16	16	1	C2020-1783-1-A	-	1.0000	016F1601.D		2
17	17	1	C2020-1783-1-B	-	1.0000	017F1701.D		2
18	18	1	C2020-1783-2-A	-	1.0000	018F1801.D		2
19	19	1	C2020-1783-2-B	-	1.0000	019F1901.D		2
20	20	1	C2020-1806-1-A	-	1.0000	020F2001.D		4
21	21	1	C2020-1806-1-B	-	1.0000	021F2101.D		4
22	22	1	C2020-1828-1-A	-	1.0000	022F2201.D		4
23	23	1	C2020-1828-1-B	-	1.0000	023F2301.D		4
24	24	1	C2020-1830-1-A	-	1.0000	024F2401.D		2
25	25	1	C2020-1830-1-B	-	1.0000	025F2501.D		2
26	26	1	QC-2(1)-A	-	1.0000	026F2601.D		4
27	27	1	QC-2(1)-B	-	1.0000	027F2701.D		4
28	28	1	C2020-1838-1-A	-	1.0000	028F2801.D		2
29	29	1	C2020-1838-1-B	-	1.0000	029F2901.D		2
30	30	1	C2020-1839-1-A	-	1.0000	030F3001.D		4
31	31	1	C2020-1839-1-B	-	1.0000	031F3101.D		4
32	32	1	C2020-1840-1-A	-	1.0000	032F3201.D		2
33	33	1	C2020-1840-1-B	-	1.0000	033F3301.D		2
34	34	1	C2020-1863-1-A	-	1.0000	034F3401.D		2
35	35	1	C2020-1863-1-B	-	1.0000	035F3501.D		2
36	36	1	C2020-1869-1-A	-	1.0000	036F3601.D		4
37	37	1	C2020-1869-1-B	-	1.0000	037F3701.D		4
38	38	1	C2020-1871-1-A	-	1.0000	038F3801.D		2
39	39	1	C2020-1871-1-B	-	1.0000	039F3901.D		2
40	40	1	QC-1(2)-A	-	1.0000	040F4001.D		4
41	41	1	QC-1(2)-B	-	1.0000	041F4101.D		4
42	42	1	ISTD BLANK-2	-	1.0000	042F4201.D		2
43	43	1	0.05 CHECK	-	1.0000	043F4301.D		4
44	44	1	0.100 CHECK	-	1.0000	044F4401.D		4
45	45	1	0.200 CHECK	-	1.0000	045F4501.D		4
46	46	1	0.300 CHECK	-	1.0000	046F4601.D		4

Sequence File C:\Chem32\1\TEMP\AESEQ\QS_23.09.2020_01.34.52\9-23-2020.S

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #	Cmp
47	47	1	0.500 CHECK	-	1.0000	047F4701.D		4

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

Calibration Table

General Calibration Setting

Calib. Data Modified : Wednesday, September 23, 2020 1:02:54 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 : 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

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

RT	Sig	Lvl	Amount [g/100cc]	Area	Rsp.Factor	Ref	ISTD	#	Compound
2.165	2	1	1.00000	1.06794	9.36380e-1	No	No	2	Difluoroethane
2.213	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
3.111	1	1	5.00000e-2	8.88471	5.62765e-3	No	No	1	Ethanol
		2	1.00000e-1	17.68828	5.65346e-3				
		3	2.00000e-1	34.69176	5.76506e-3				
		4	3.00000e-1	52.82391	5.67925e-3				
		5	5.00000e-1	89.00046	5.61795e-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
4.185	2	1	5.00000e-2	8.83084	5.66198e-3	No	No	2	Ethanol
		2	1.00000e-1	17.75110	5.63345e-3				
		3	2.00000e-1	34.83931	5.74064e-3				
		4	3.00000e-1	52.92850	5.66802e-3				
		5	5.00000e-1	89.16053	5.60786e-3				
4.567	2	1	1.00000	6.89301	1.45075e-1	No	No	2	Acetone
4.581	1	1	1.00000	6.49940	1.53860e-1	No	No	1	Acetone
4.870	2	1	1.00000	10.70642	9.34019e-2	No	No	2	Isopropyl alcohol
4.947	1	1	1.00000	115.06535	8.69071e-3	No	Yes	1	n-Propanol
		2	1.00000	115.24385	8.67725e-3				
		3	1.00000	111.52673	8.96646e-3				
		4	1.00000	112.73257	8.87055e-3				
		5	1.00000	114.83649	8.70803e-3				
7.630	2	1	1.00000	113.60017	8.80280e-3	No	Yes	2	n-Propanol
		2	1.00000	113.41126	8.81747e-3				
		3	1.00000	109.36293	9.14387e-3				
		4	1.00000	110.33411	9.06338e-3				
		5	1.00000	112.13322	8.91796e-3				

Peak Sum Table

No Entries in table

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Calibration Curves

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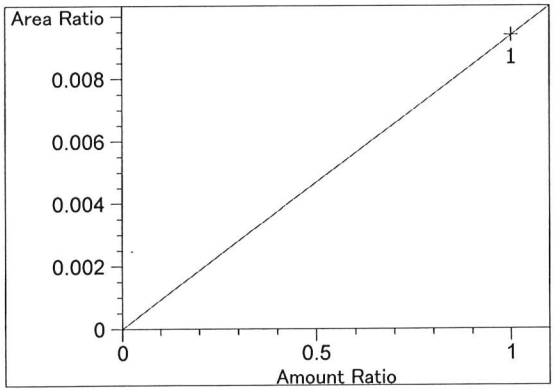
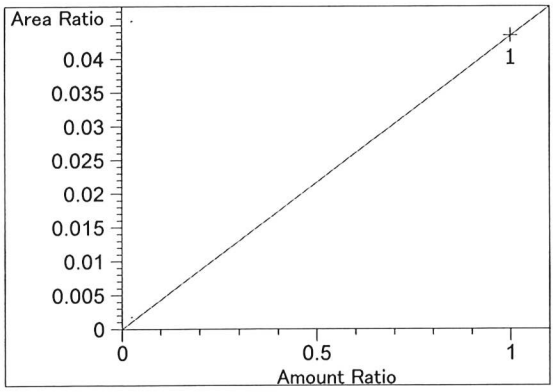
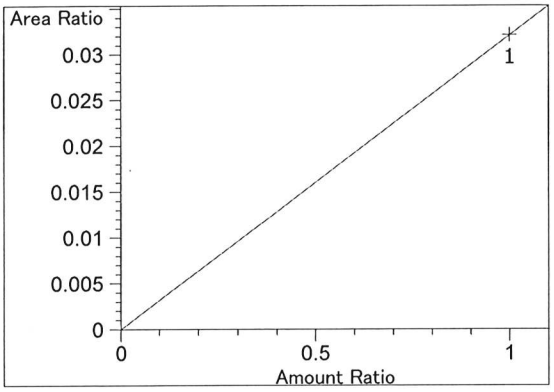


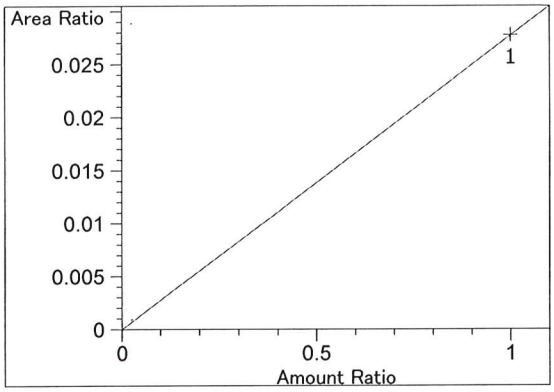
Difluoroethane at exp. RT: 2.165
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 9.40088e-3
x: Amount Ratio
y: Area Ratio



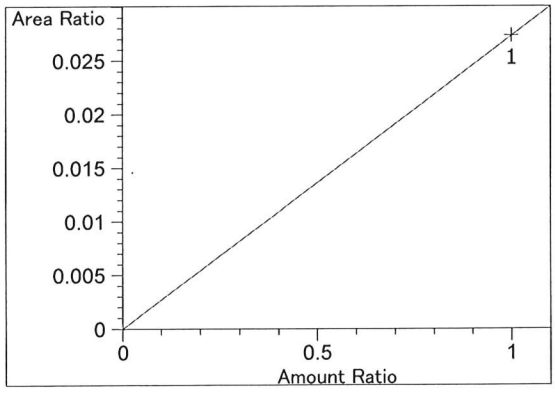
Difluoroethane at exp. RT: 2.213
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 4.34536e-2
x: Amount Ratio
y: Area Ratio



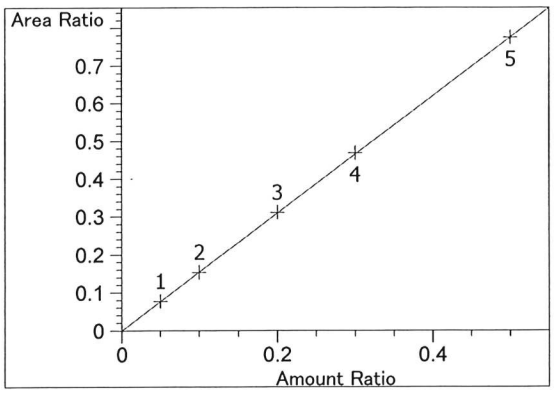
Methanol at exp. RT: 2.494
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 3.21269e-2
x: Amount Ratio
y: Area Ratio



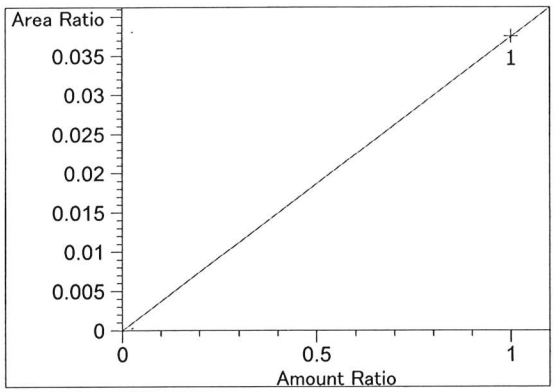
Acetaldehyde at exp. RT: 2.772
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 2.77504e-2
x: Amount Ratio
y: Area Ratio



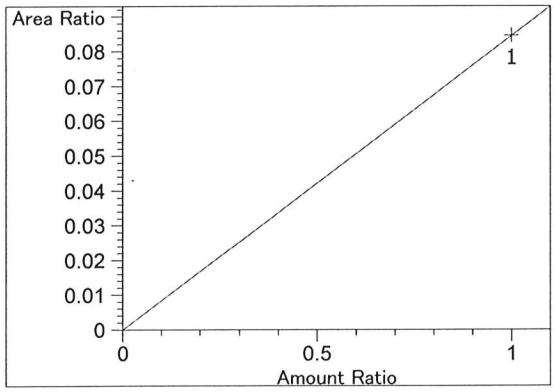
Acetaldehyde at exp. RT: 2.797
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 2.73393e-2
x: Amount Ratio
y: Area Ratio



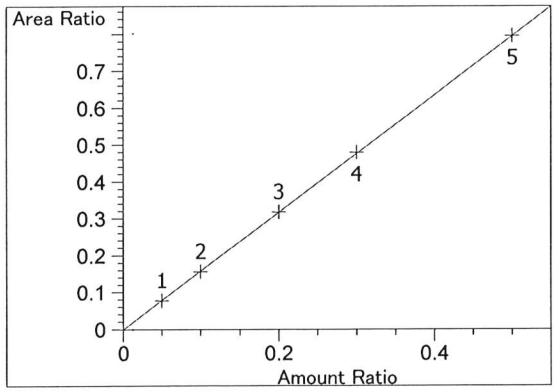
Ethanol at exp. RT: 3.111
FID1 A, Front Signal
Correlation: 0.99999
Residual Std. Dev.: 0.00181
Formula: y = mx
m: 1.55288
x: Amount Ratio
y: Area Ratio



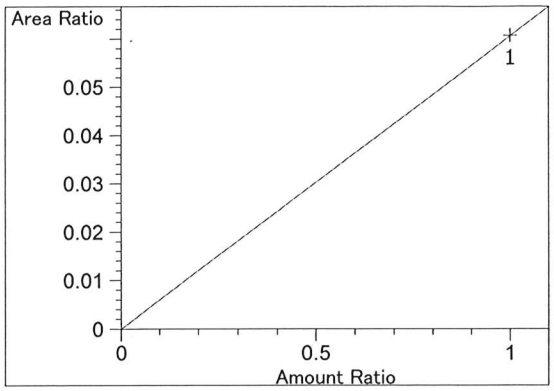
Methanol at exp. RT: 3.211
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 3.75054e-2
x: Amount Ratio
y: Area Ratio



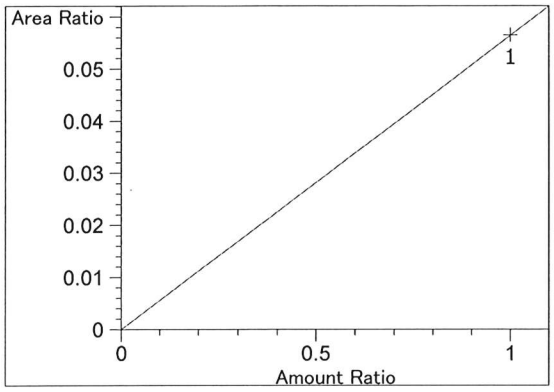
Isopropyl alcohol at exp. RT: 3.715
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 8.45654e-2
x: Amount Ratio
y: Area Ratio



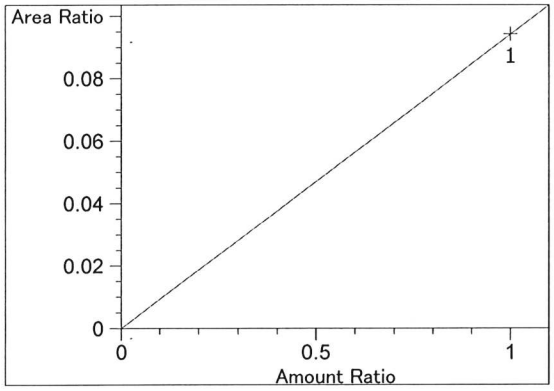
Ethanol at exp. RT: 4.185
FID2 B, Back Signal
Correlation: 0.99999
Residual Std. Dev.: 0.00199
Formula: y = mx
m: 1.59167
x: Amount Ratio
y: Area Ratio



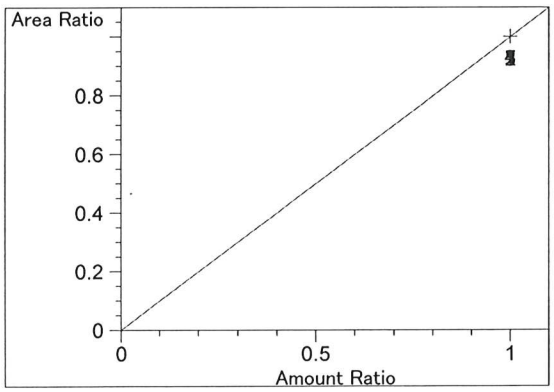
Acetone at exp. RT: 4.567
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 6.06778e-2
x: Amount Ratio
y: Area Ratio



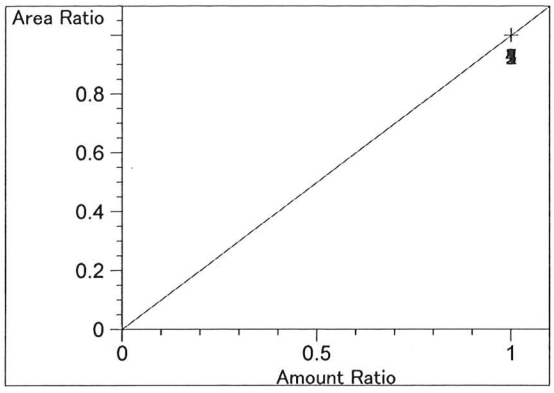
Acetone at exp. RT: 4.581
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 5.64844e-2
x: Amount Ratio
y: Area Ratio



Isopropyl alcohol at exp. RT: 4.870
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 9.42465e-2
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 4.947
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: 7.630
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.00000
x: Amount Ratio
y: Area Ratio

==========

Sequence File C:\Chem32\1\TEMP\AESEQ\QS_23.09.2020_11.03.26\9-23-20cal.S

Sample Summary

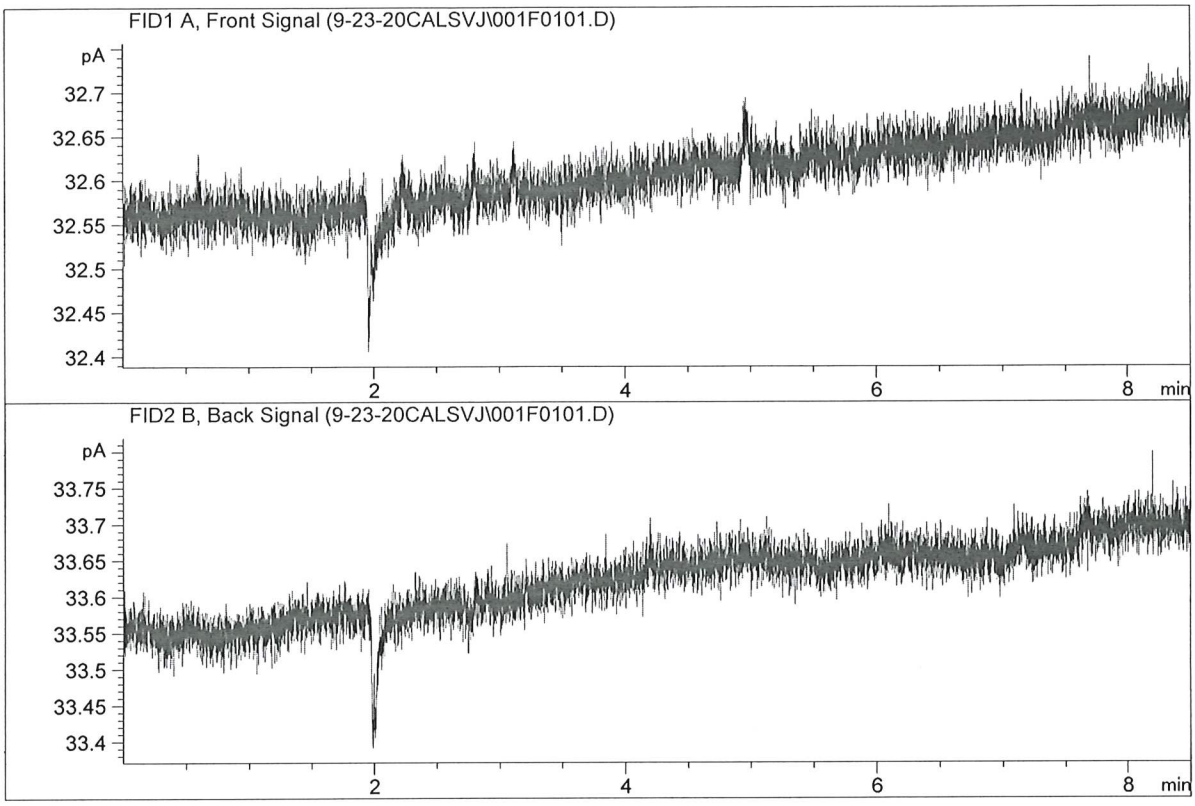
Sequence table: C:\Chem32\1\TEMP\AESEQ\QS_23.09.2020_11.03.26\9-23-20cal.S
Data directory path: C:\Chem32\1\Data\9-23-20CALSVJ
Logbook: C:\Chem32\1\Data\9-23-20CALSVJ\9-23-20cal.LOG
Sequence start: 9/23/2020 11:17:18 AM
Sequence Operator: SYSTEM
Operator: SYSTEM

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	WATER	-	1.0000	001F0101.D		0
2	2	1	0.05	-	1.0000	002F0201.D	*	4
3	3	1	0.100	-	1.0000	003F0301.D	*	4
4	4	1	0.200	-	1.0000	004F0401.D	*	4
5	5	1	0.300	-	1.0000	005F0501.D	*	4
6	6	1	0.500	-	1.0000	006F0601.D	*	4
7	7	1	ISTD BLANK	-	1.0000	007F0701.D		2

ISP Forensic Services Blood Alcohol Report

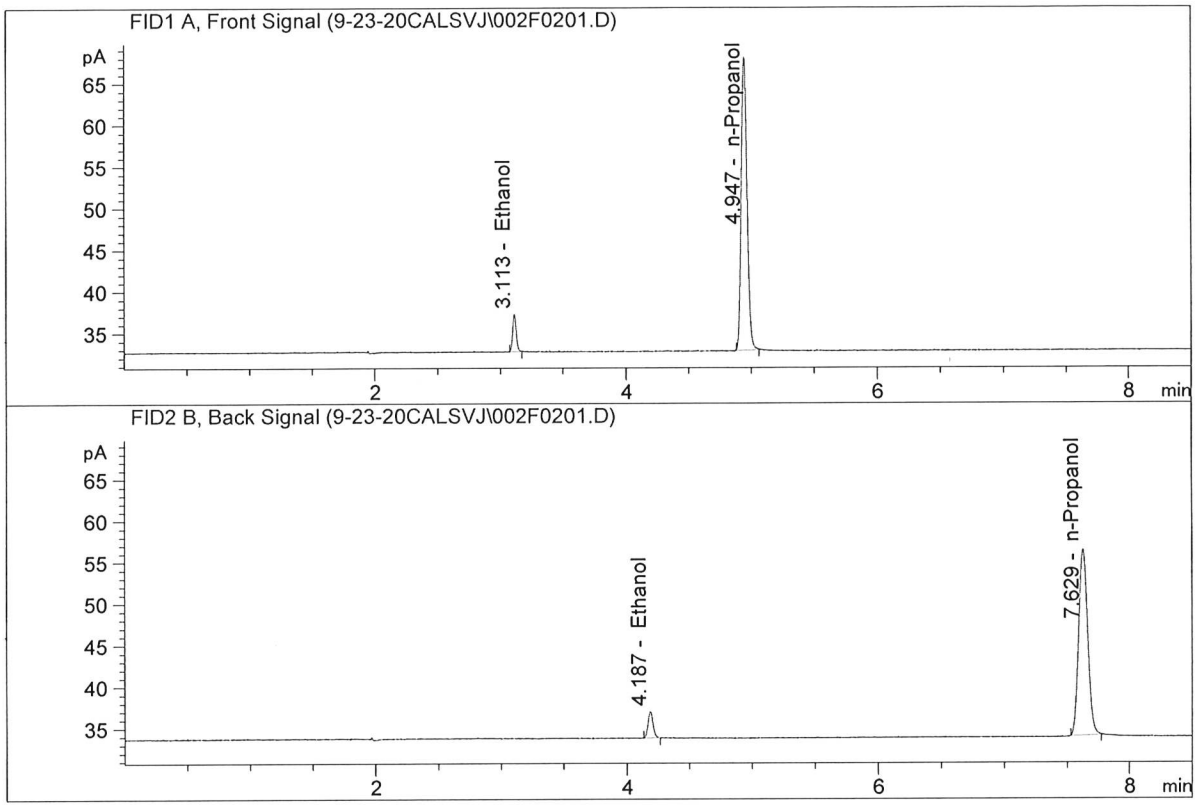
Sample Name : WATER
Laboratory : Coeur d' Alene
Injection Date : Sep 23, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	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

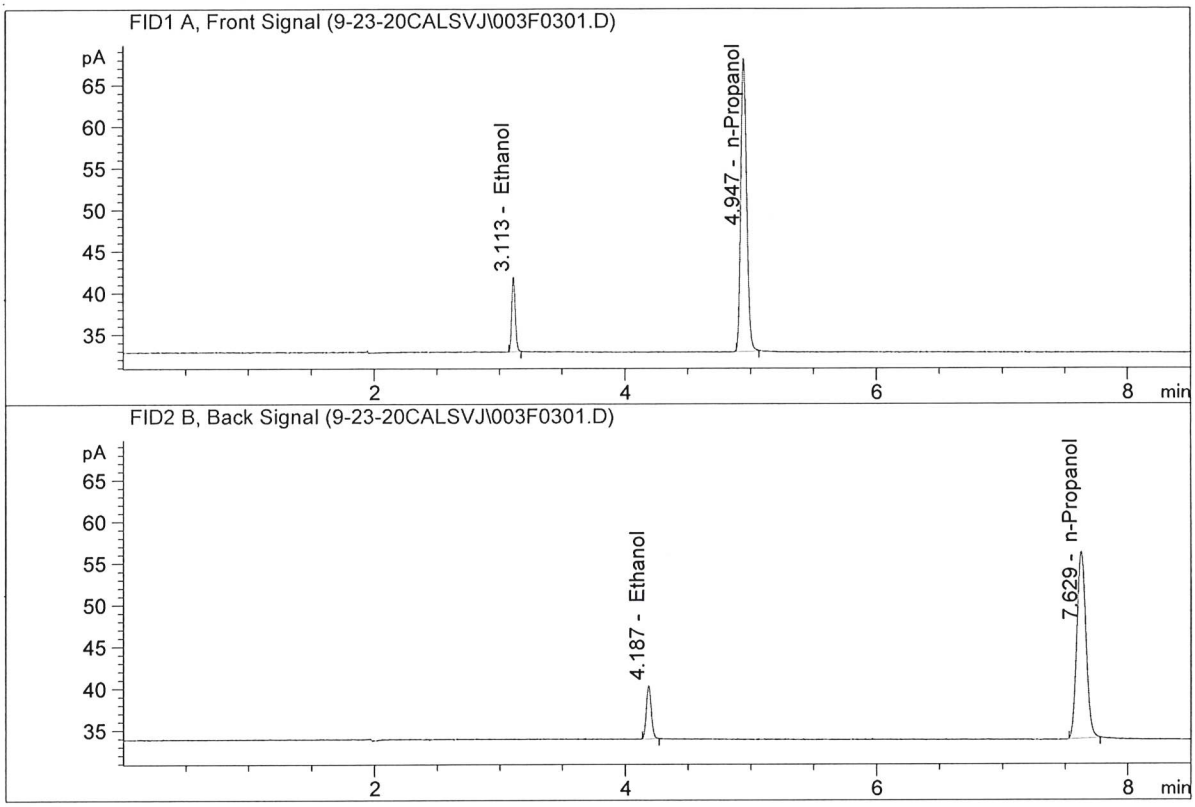
Sample Name : 0.05
Laboratory : Coeur d' Alene
Injection Date : Sep 23, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	8.88471	0.0497	g/100cc
2.	Ethanol	Column 2:	8.83084	0.0488	g/100cc
3.	n-Propanol	Column 1:	115.06535	1.0000	g/100cc
4.	n-Propanol	Column 2:	113.60017	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

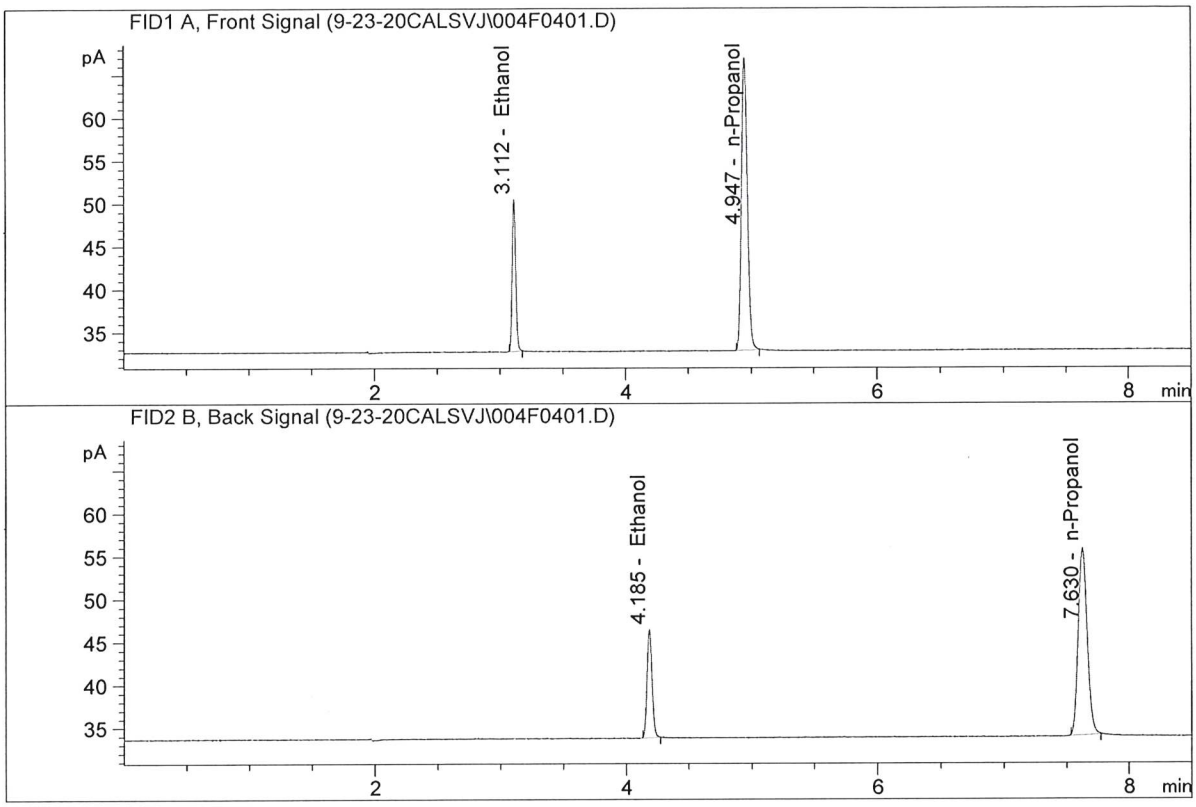
Sample Name : 0.100
Laboratory : Coeur d' Alene
Injection Date : Sep 23, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.68828	0.0988	g/100cc
2.	Ethanol	Column 2:	17.75110	0.0983	g/100cc
3.	n-Propanol	Column 1:	115.24385	1.0000	g/100cc
4.	n-Propanol	Column 2:	113.41126	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

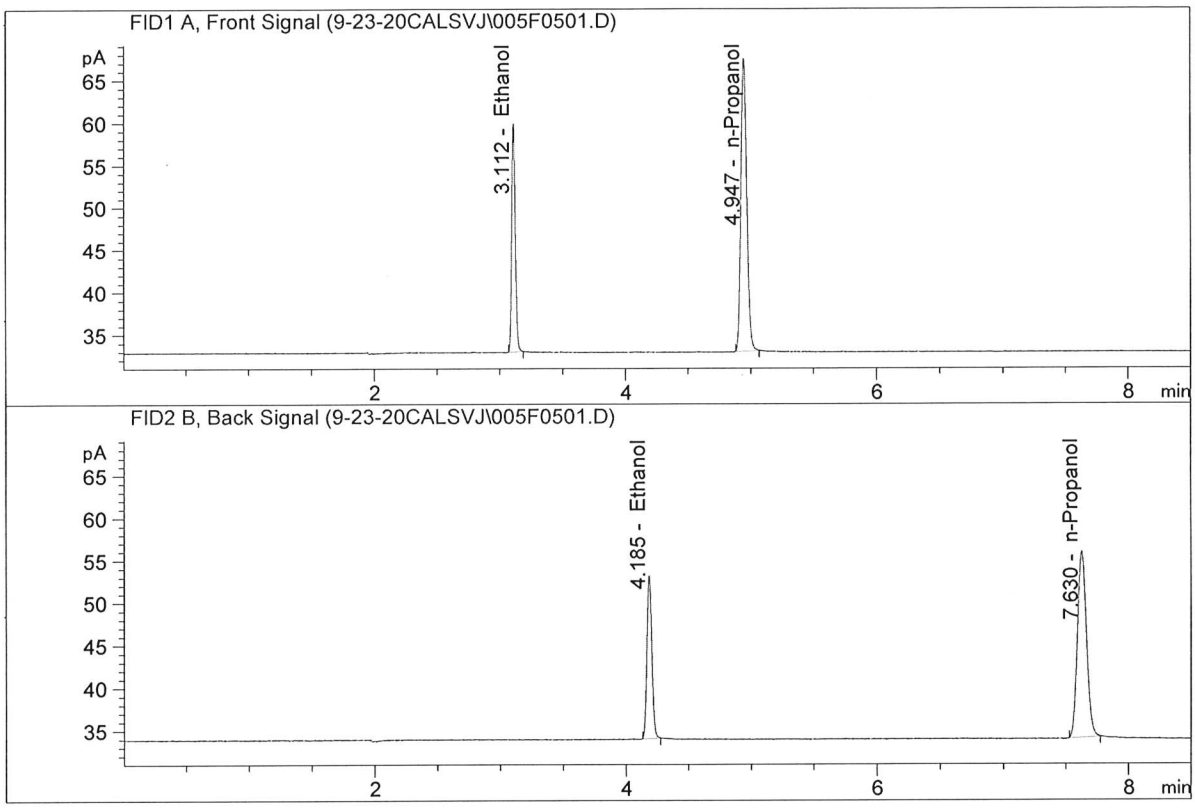
Sample Name : 0.200
Laboratory : Coeur d' Alene
Injection Date : Sep 23, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	34.69176	0.2003	g/100cc
2.	Ethanol	Column 2:	34.83931	0.2001	g/100cc
3.	n-Propanol	Column 1:	111.52673	1.0000	g/100cc
4.	n-Propanol	Column 2:	109.36293	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

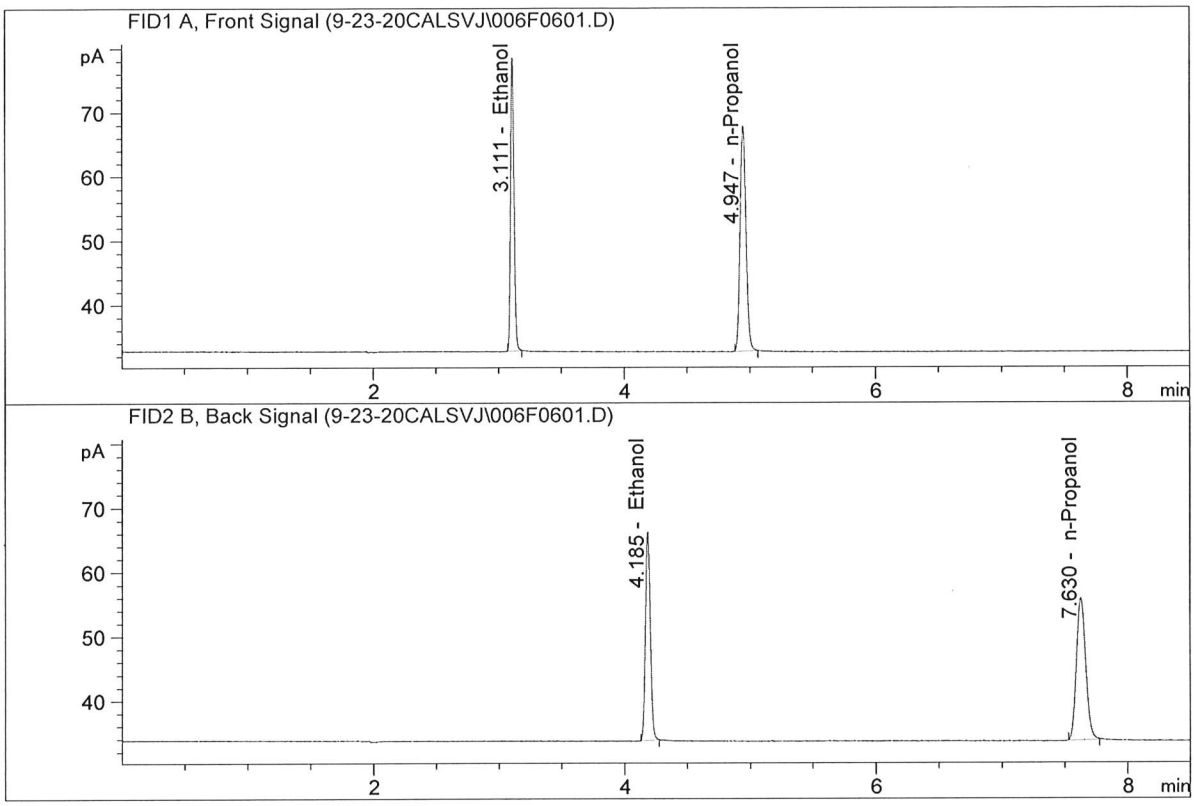
Sample Name : 0.300
Laboratory : Coeur d' Alene
Injection Date : Sep 23, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	52.82391	0.3017	g/100cc
2.	Ethanol	Column 2:	52.92850	0.3014	g/100cc
3.	n-Propanol	Column 1:	112.73257	1.0000	g/100cc
4.	n-Propanol	Column 2:	110.33411	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

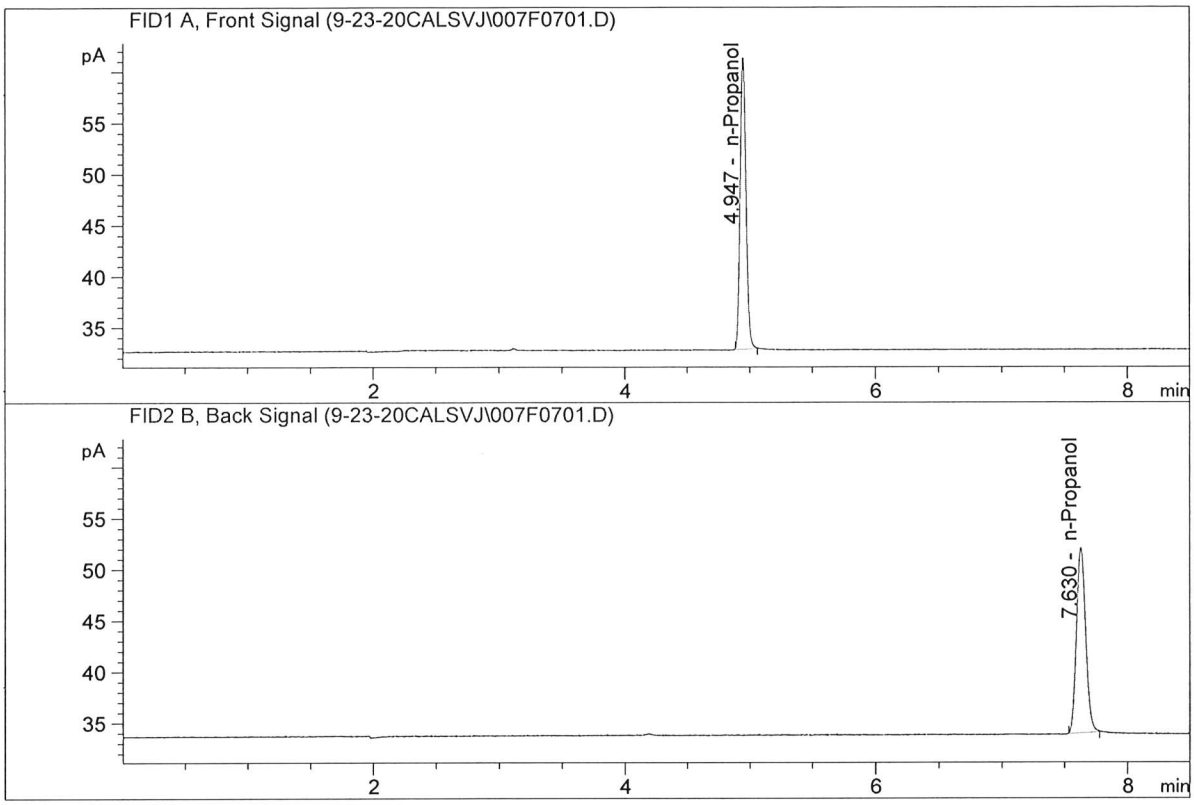
Sample Name : 0.500
Laboratory : Coeur d' Alene
Injection Date : Sep 23, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	89.00046	0.4991	g/100cc
2.	Ethanol	Column 2:	89.16053	0.4996	g/100cc
3.	n-Propanol	Column 1:	114.83649	1.0000	g/100cc
4.	n-Propanol	Column 2:	112.13322	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

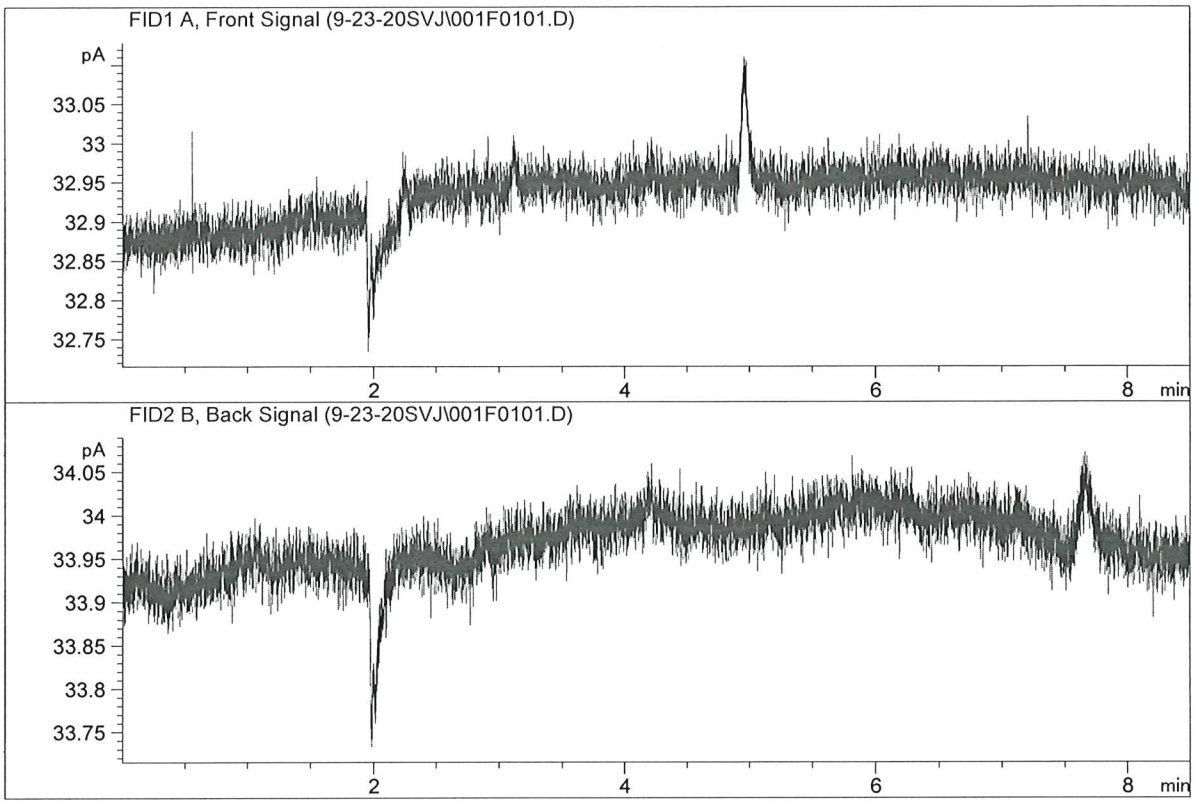
Sample Name : ISTD BLANK
Laboratory : Coeur d' Alene
Injection Date : Sep 23, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	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:	93.21640	1.0000	g/100cc
4.	n-Propanol	Column 2:	91.45946	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

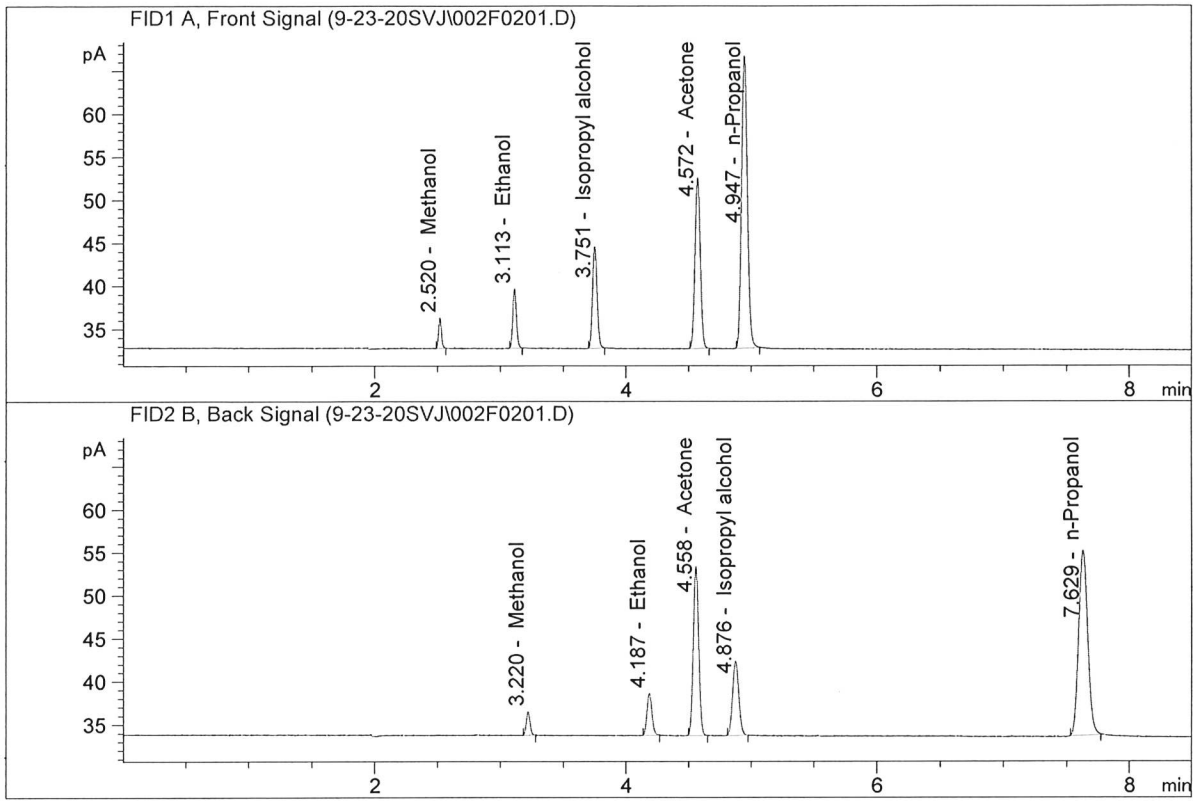
Sample Name : water-1
Laboratory : Coeur d' Alene
Injection Date : Sep 23, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	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

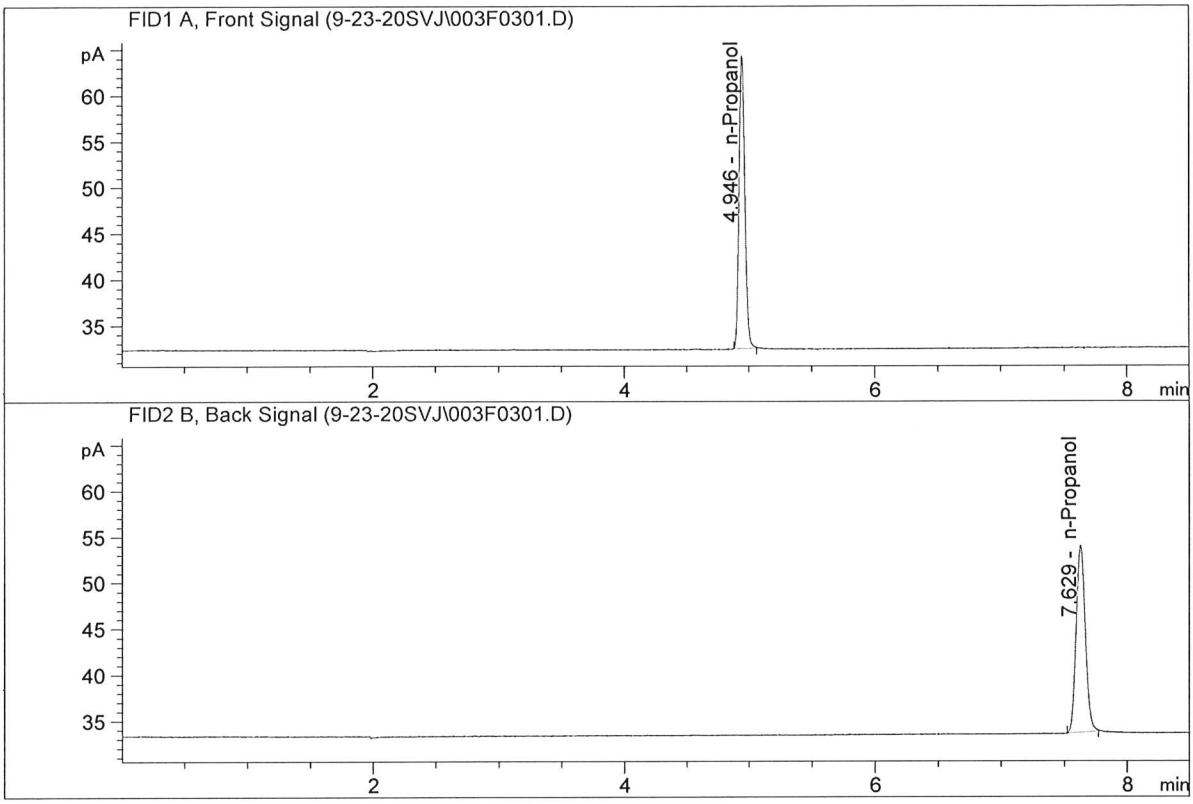
Sample Name : VOL MIX FN-06041502
Laboratory : Coeur d' Alene
Injection Date : Sep 23, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	13.62575	0.0791	g/100cc
2.	Ethanol	Column 2:	13.59556	0.0785	g/100cc
3.	n-Propanol	Column 1:	110.98373	1.0000	g/100cc
4.	n-Propanol	Column 2:	108.79815	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : ISTD BLANK-1
Laboratory : Coeur d' Alene
Injection Date : Sep 23, 2020
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:	104.19811	1.0000	g/100cc
4.	n-Propanol	Column 2:	102.48283	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC-1(1) **Analysis Date(s): 23 Sep 2020**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0772	0.0763	0.0009	0.0767	0.0004	0.0765
(g/100cc)	0.0771	0.0756	0.0015	0.0763		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument information is stored centrally.*

Refer to Instrument Method: Alcohol.m

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

Overall Mean (g/100cc)	Low	High	5% of Mean
0.076	**0.072**	**0.080**	**0.004**

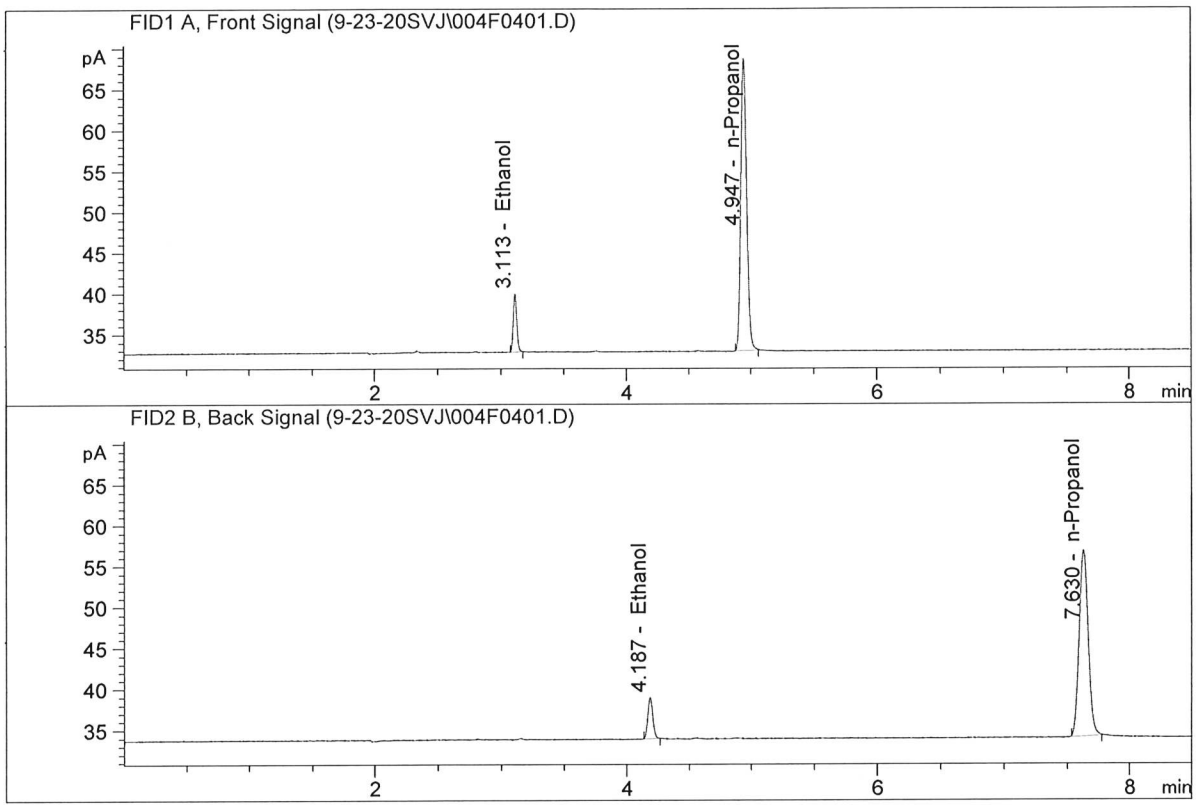
Reported Result

0.076

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

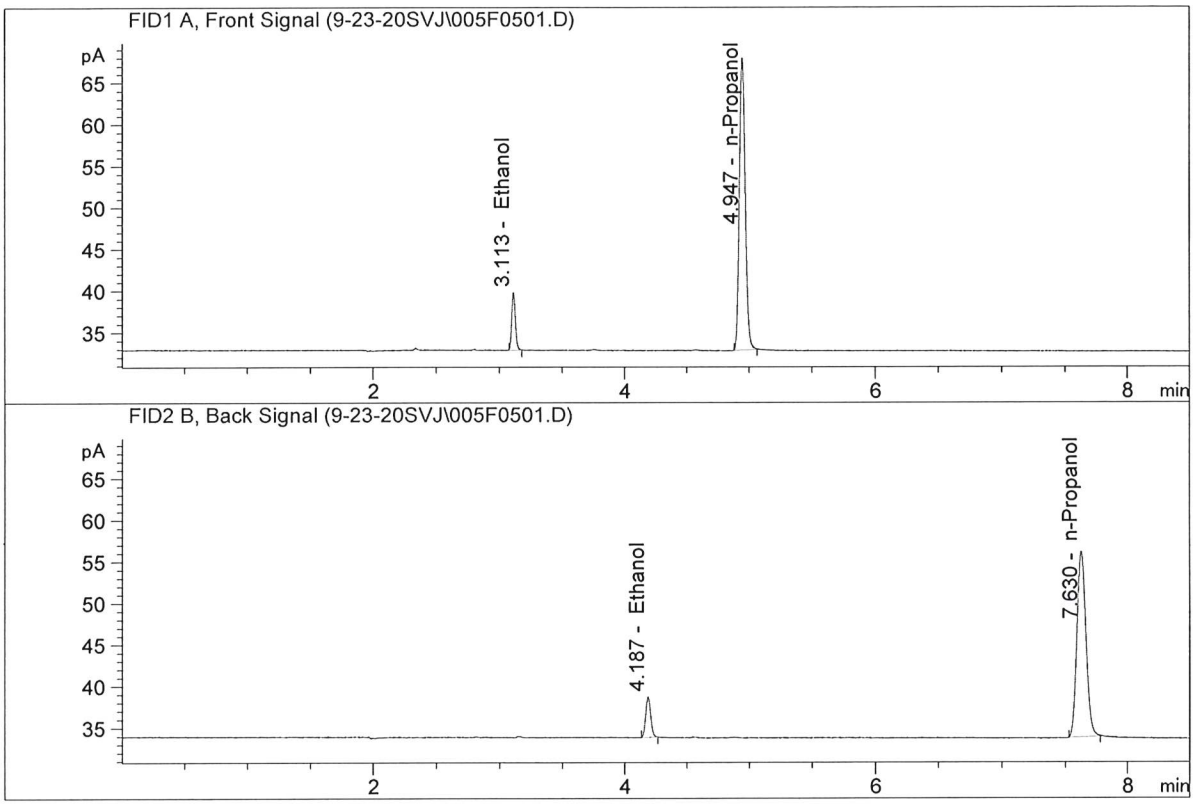
Sample Name : QC-1(1)-A
Laboratory : Coeur d' Alene
Injection Date : Sep 23, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	13.99642	0.0772	g/100cc
2.	Ethanol	Column 2:	13.93626	0.0763	g/100cc
3.	n-Propanol	Column 1:	116.69434	1.0000	g/100cc
4.	n-Propanol	Column 2:	114.76009	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : QC-1(1)-B
Laboratory : Coeur d' Alene
Injection Date : Sep 23, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	13.75040	0.0771	g/100cc
2.	Ethanol	Column 2:	13.57931	0.0756	g/100cc
3.	n-Propanol	Column 1:	114.81597	1.0000	g/100cc
4.	n-Propanol	Column 2:	112.84655	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.08 FN09181807 **Analysis Date(s): 23 Sep 2020**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0813	0.0802	0.0011	0.0807	0.0005	0.0805
(g/100cc)	0.0808	0.0797	0.0011	0.0802		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument information is stored centrally.*

Refer to Instrument Method: Alcohol.m

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

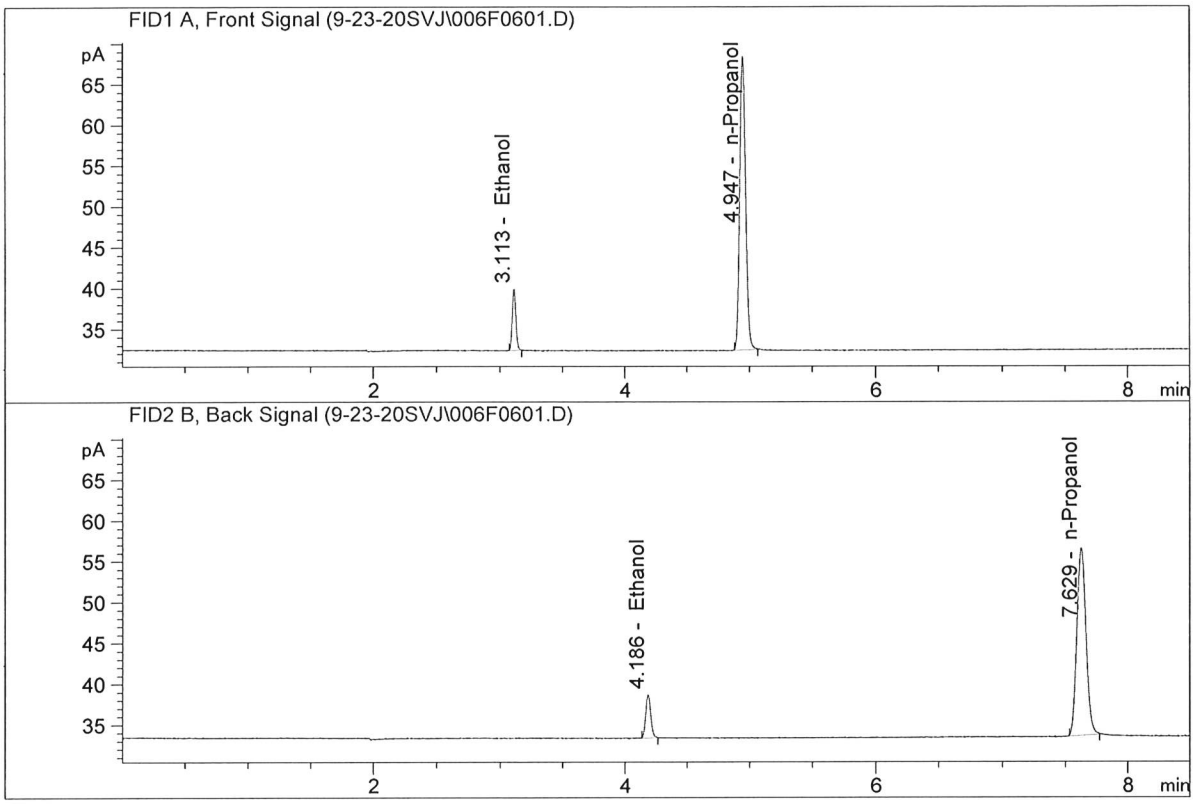
Overall Mean (g/100cc)	Low	High	5% of Mean
0.080	**0.076**	**0.084**	**0.004**

Reported Result
0.080

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

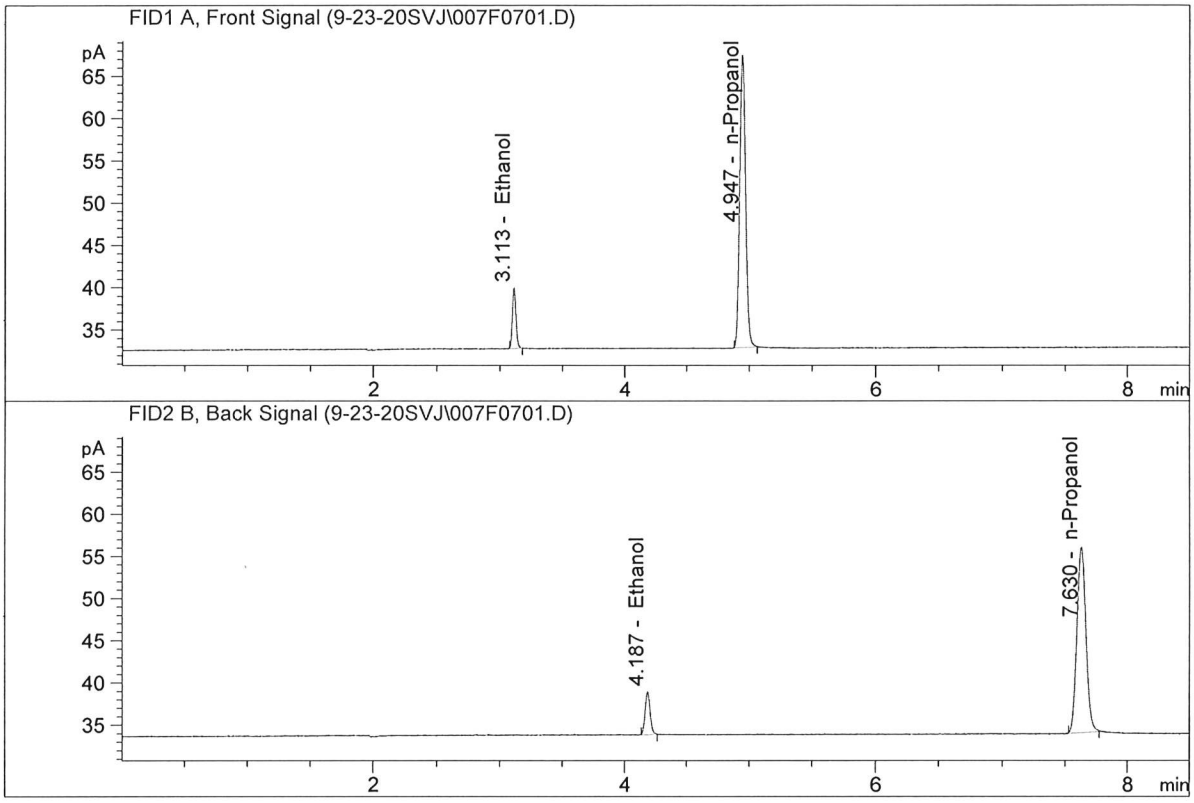
Sample Name : 0.08 FN09181807-A
Laboratory : Coeur d' Alene
Injection Date : Sep 23, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	14.87918	0.0813	g/100cc
2.	Ethanol	Column 2:	14.75501	0.0802	g/100cc
3.	n-Propanol	Column 1:	117.88072	1.0000	g/100cc
4.	n-Propanol	Column 2:	115.53619	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN09181807-B
Laboratory : Coeur d' Alene
Injection Date : Sep 23, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	14.18328	0.0808	g/100cc
2.	Ethanol	Column 2:	14.07600	0.0797	g/100cc
3.	n-Propanol	Column 1:	113.09553	1.0000	g/100cc
4.	n-Propanol	Column 2:	111.00326	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC-2(1) **Analysis Date(s): 23 Sep 2020**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.1941	0.1934	0.0007	0.1937	0.0027	0.1951
(g/100cc)	0.1966	0.1963	0.0003	0.1964		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument information is stored centrally.*

Refer to Instrument Method: Alcohol.m

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

Overall Mean (g/100cc)	Low	High	5% of Mean
0.195	**0.185**	**0.205**	**0.010**

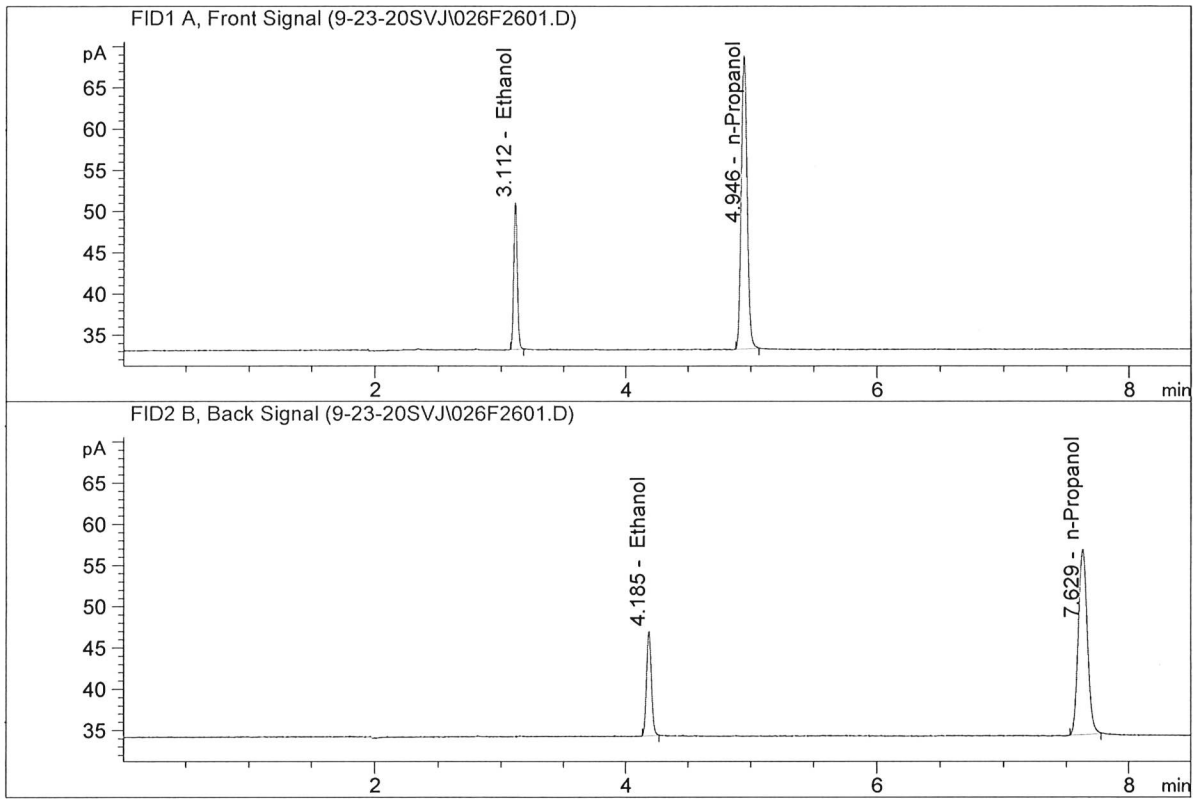
Reported Result

0.195

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

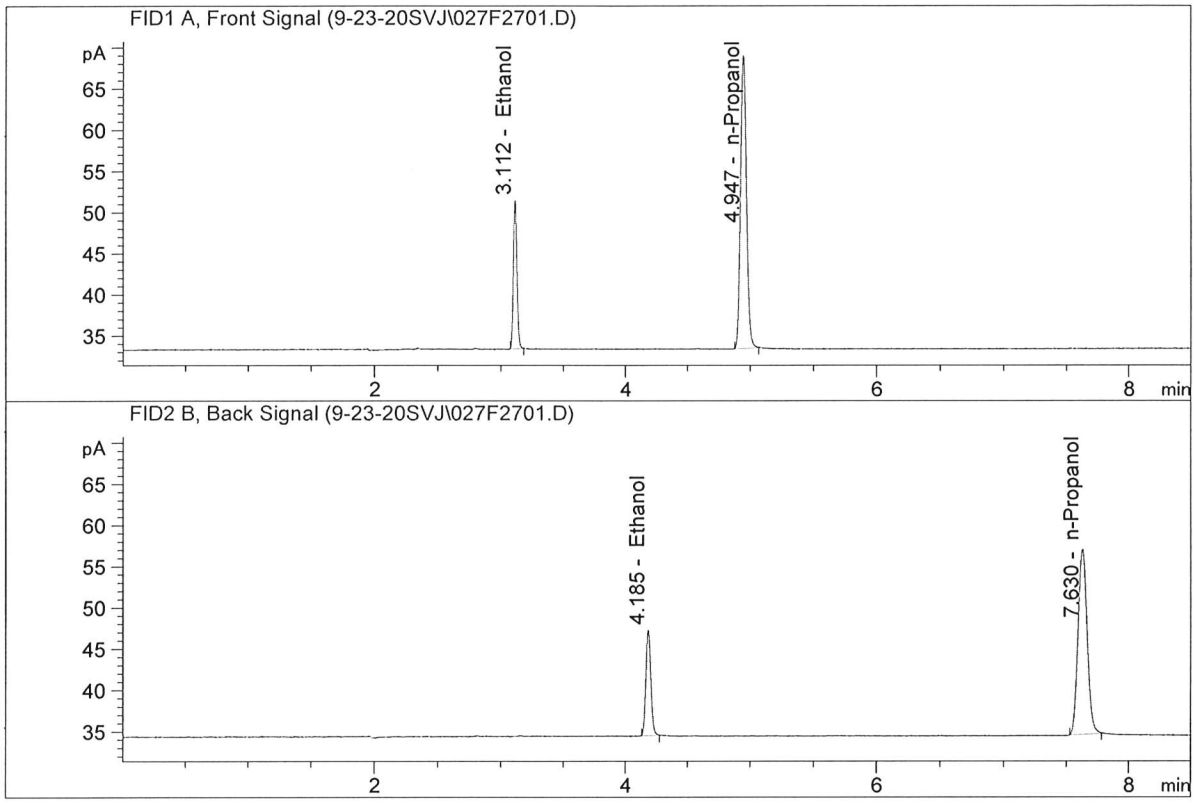
Sample Name : QC-2(1)-A
Laboratory : Coeur d' Alene
Injection Date : Sep 23, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	35.05260	0.1941	g/100cc
2.	Ethanol	Column 2:	34.97477	0.1934	g/100cc
3.	n-Propanol	Column 1:	116.28619	1.0000	g/100cc
4.	n-Propanol	Column 2:	113.60111	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : QC-2(1)-B
Laboratory : Coeur d' Alene
Injection Date : Sep 23, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	35.52763	0.1966	g/100cc
2.	Ethanol	Column 2:	35.50426	0.1963	g/100cc
3.	n-Propanol	Column 1:	116.34908	1.0000	g/100cc
4.	n-Propanol	Column 2:	113.63556	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC-1(2) **Analysis Date(s): 23 Sep 2020**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0775	0.0767	0.0008	0.0771	0.0000	0.0771
(g/100cc)	0.0774	0.0768	0.0006	0.0771		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument information is stored centrally.*

Refer to Instrument Method: Alcohol.m

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

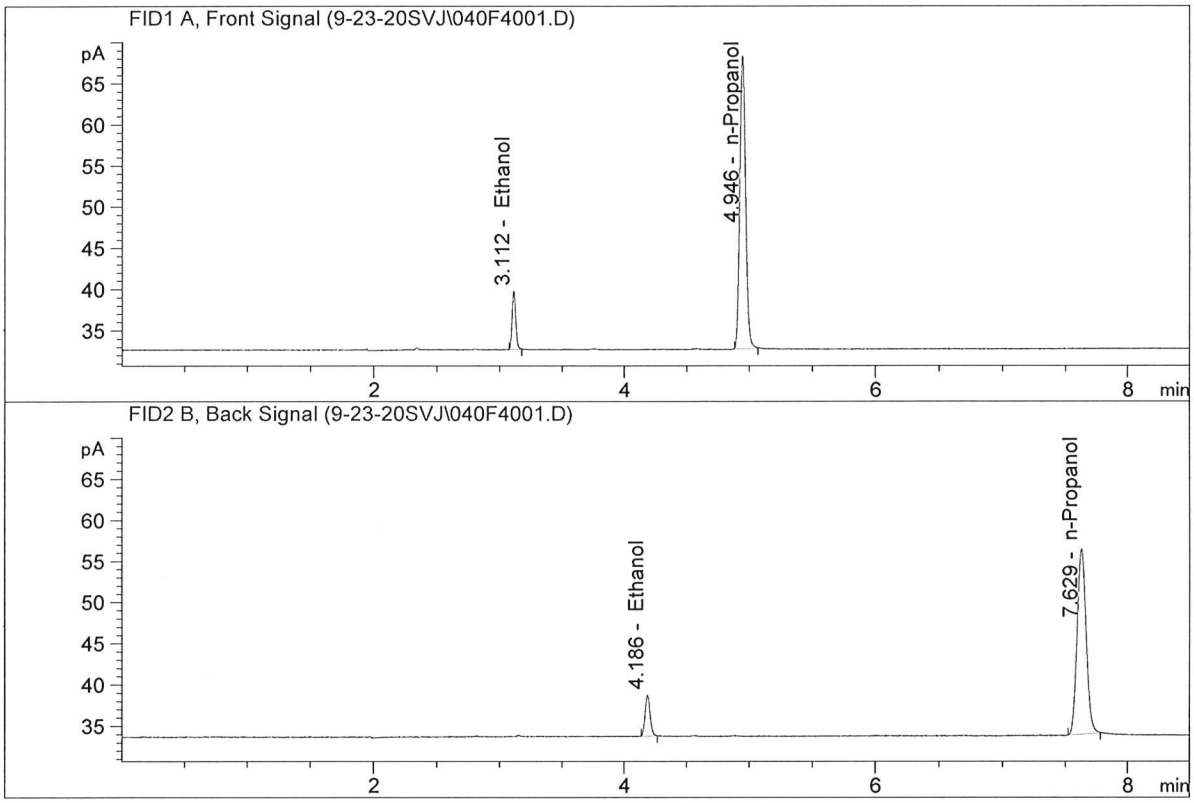
0.077

Calibration and control data are stored centrally.

Revision: 2
Issue Date: 12/23/2019
Issuing Authority: Quality Manager

ISP Forensic Services Blood Alcohol Report

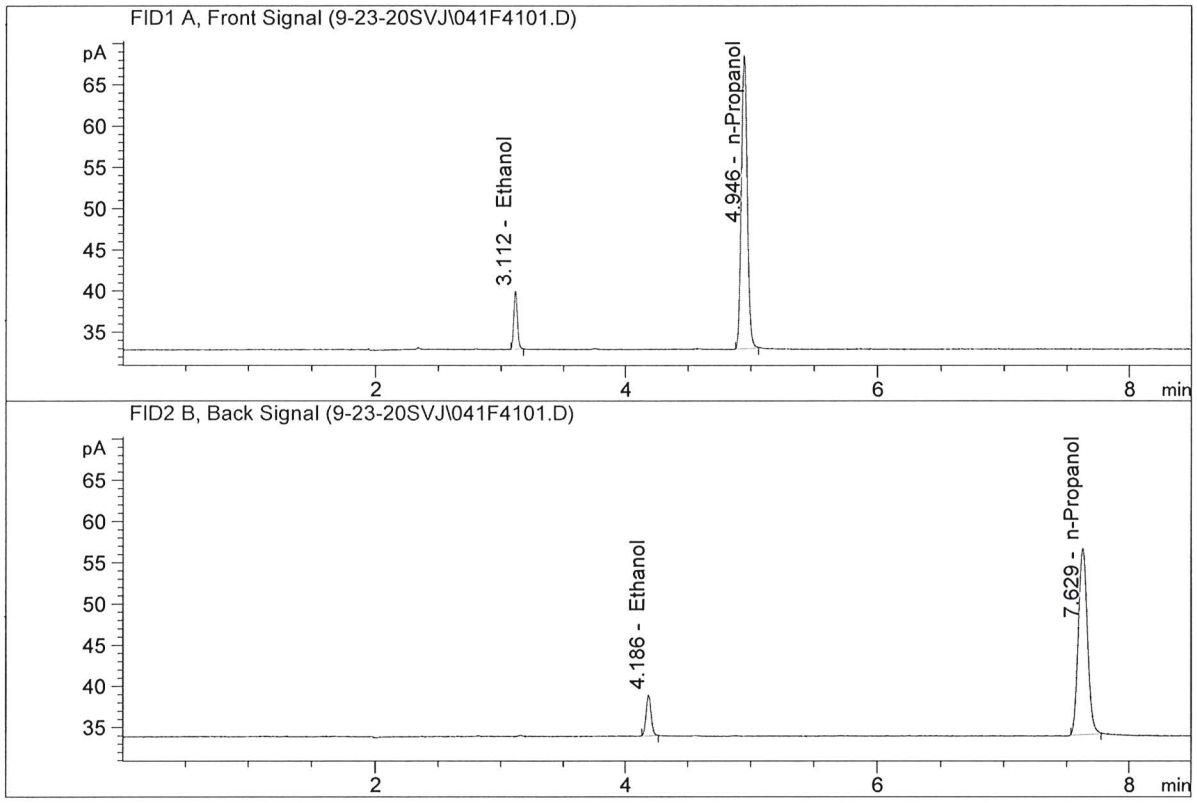
Sample Name : QC-1(2)-A
Laboratory : Coeur d' Alene
Injection Date : Sep 23, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	14.00638	0.0775	g/100cc
2.	Ethanol	Column 2:	13.91356	0.0767	g/100cc
3.	n-Propanol	Column 1:	116.37494	1.0000	g/100cc
4.	n-Propanol	Column 2:	114.00736	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

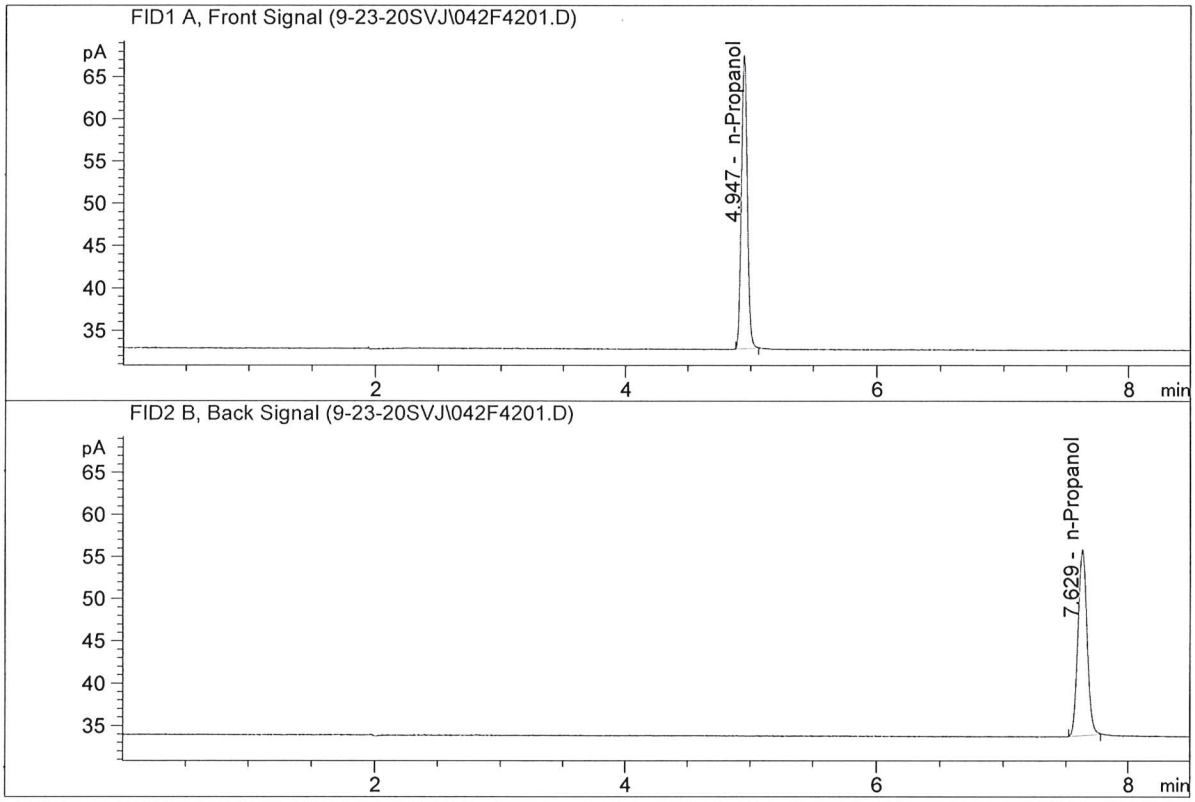
Sample Name : QC-1(2)-B
Laboratory : Coeur d' Alene
Injection Date : Sep 23, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	13.97932	0.0774	g/100cc
2.	Ethanol	Column 2:	13.92915	0.0768	g/100cc
3.	n-Propanol	Column 1:	116.31650	1.0000	g/100cc
4.	n-Propanol	Column 2:	113.98267	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

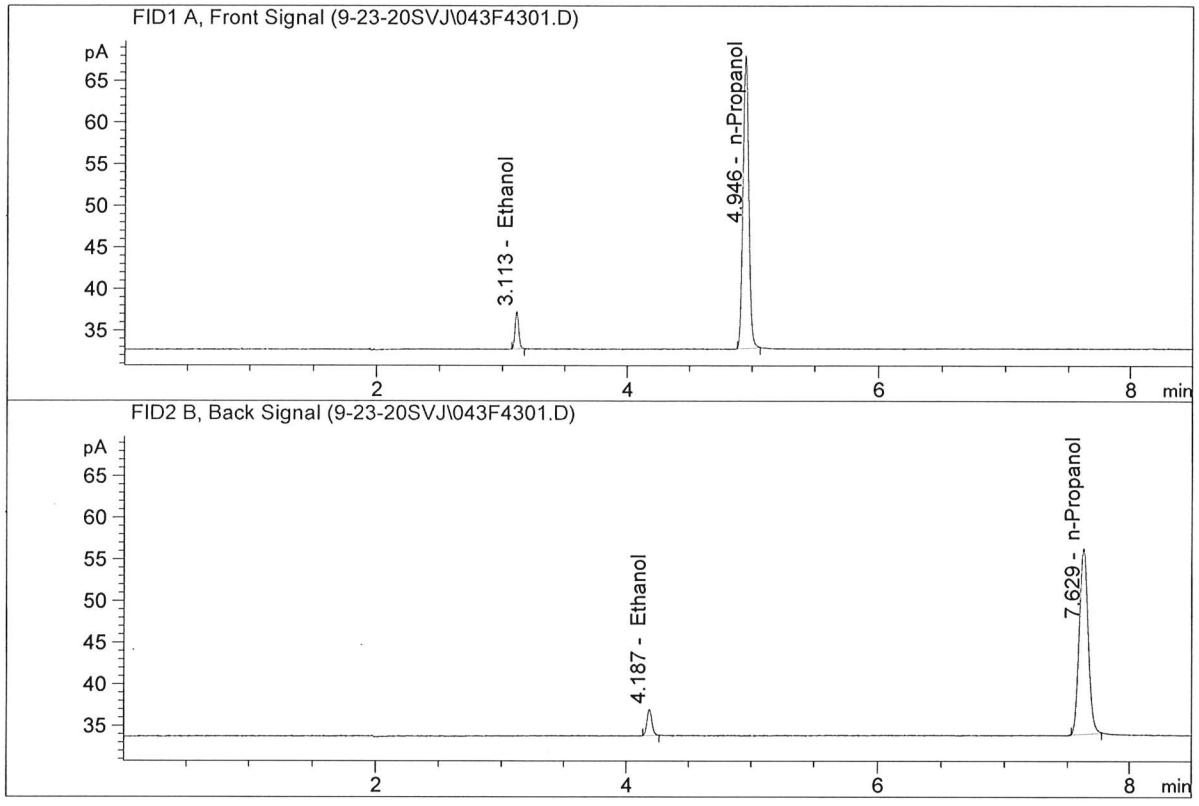
Sample Name : ISTD BLANK-2
Laboratory : Coeur d' Alene
Injection Date : Sep 23, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	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:	113.58221	1.0000	g/100cc
4.	n-Propanol	Column 2:	111.52423	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

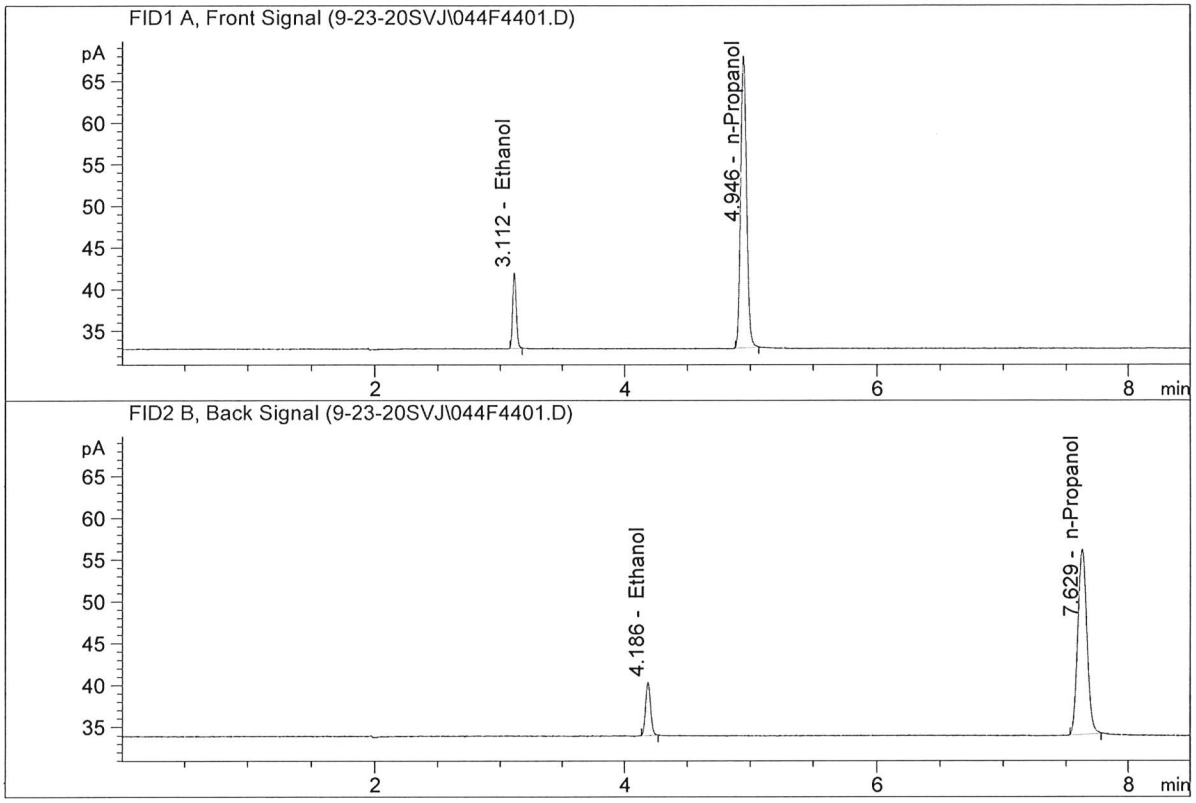
Sample Name : 0.05 CHECK
Laboratory : Coeur d' Alene
Injection Date : Sep 23, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	9.02354	0.0505	g/100cc
2.	Ethanol	Column 2:	8.89582	0.0496	g/100cc
3.	n-Propanol	Column 1:	115.06864	1.0000	g/100cc
4.	n-Propanol	Column 2:	112.59088	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

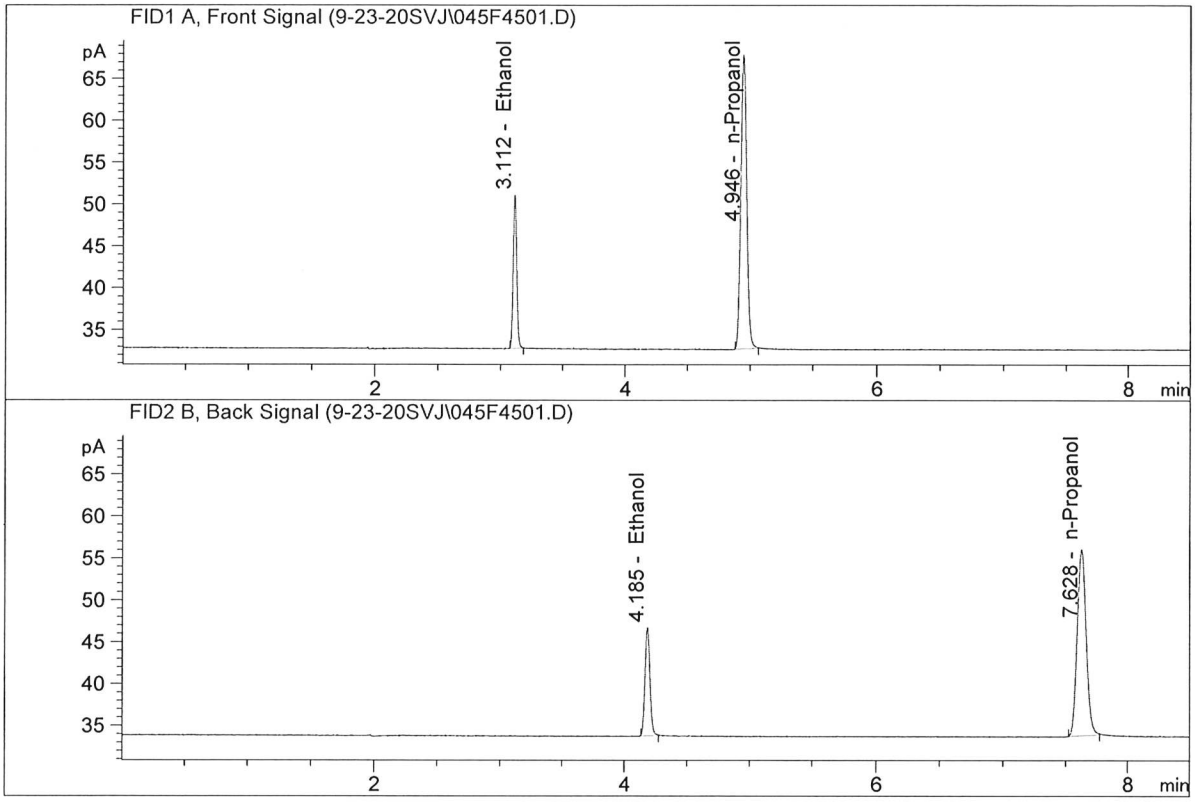
Sample Name : 0.100 CHECK
Laboratory : Coeur d' Alene
Injection Date : Sep 23, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.87192	0.1002	g/100cc
2.	Ethanol	Column 2:	17.77179	0.0993	g/100cc
3.	n-Propanol	Column 1:	114.85885	1.0000	g/100cc
4.	n-Propanol	Column 2:	112.39659	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

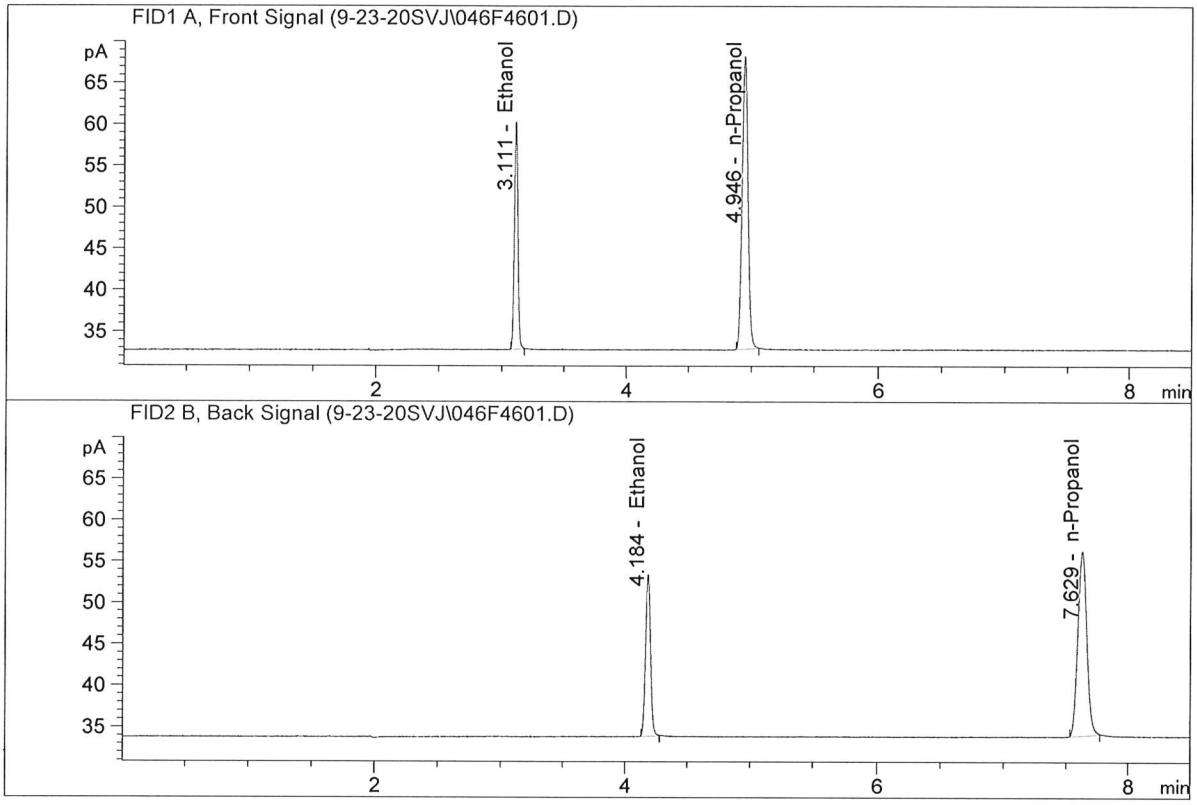
Sample Name : 0.200 CHECK
Laboratory : Coeur d' Alene
Injection Date : Sep 23, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	36.00176	0.2015	g/100cc
2.	Ethanol	Column 2:	35.95643	0.2012	g/100cc
3.	n-Propanol	Column 1:	115.04777	1.0000	g/100cc
4.	n-Propanol	Column 2:	112.30026	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

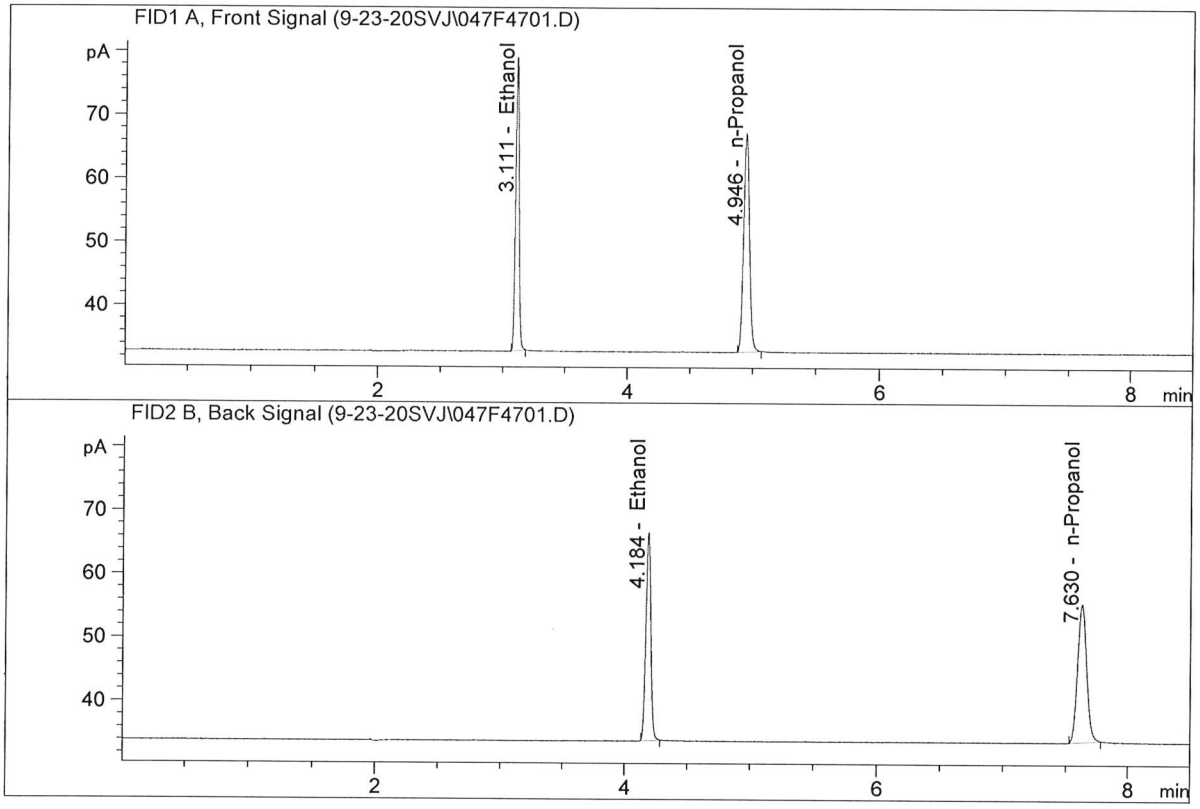
Sample Name : 0.300 CHECK
Laboratory : Coeur d' Alene
Injection Date : Sep 23, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	54.00886	0.3006	g/100cc
2.	Ethanol	Column 2:	54.10294	0.3017	g/100cc
3.	n-Propanol	Column 1:	115.71752	1.0000	g/100cc
4.	n-Propanol	Column 2:	112.66058	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.500 CHECK
Laboratory : Coeur d' Alene
Injection Date : Sep 23, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	90.10780	0.5135	g/100cc
2.	Ethanol	Column 2:	90.35957	0.5173	g/100cc
3.	n-Propanol	Column 1:	112.99147	1.0000	g/100cc
4.	n-Propanol	Column 2:	109.74687	1.0000	g/100cc