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7/29/2024

Worklist: 6885

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
C2024-1270	1	BCK	Alcohol Analysis
C2024-1277	1	BCK	Alcohol Analysis
C2024-1302	1	BCK	Alcohol Analysis
C2024-1303	1	BCK	Alcohol Analysis
C2024-1315	1	BCK	Alcohol Analysis
C2024-1316	1	BCK	Alcohol Analysis
C2024-1327	1	BCK	Alcohol Analysis
C2024-1344	1	BCK	Alcohol Analysis
C2024-1362	1	BCK	Alcohol Analysis
C2024-1373	1	BCK	Alcohol Analysis
C2024-1374	1	BCK	Alcohol Analysis
C2024-1386	1	BCK	Alcohol Analysis
C2024-1392	1	BCK	Alcohol Analysis
C2024-1392	2	BCK	Alcohol Analysis
C2024-1411	1	BCK	Alcohol Analysis
C2024-1420	1	BLOOD	Alcohol Analysis
C2024-1427	1	BCK	Alcohol Analysis
C2024-1429	1	BCK	Alcohol Analysis
C2024-1437	1	BCK	Alcohol Analysis

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Region 1 CDA Blood Alcohol Analysis Batch Table

Shimadzu GC-2030 Serial #C12255850700
Shimadzu HS-20 Serial #C12595700181
Lab Solutions DB Software Ver. 6.111

Vial#	Sample Name	Sample Type	Level#	Method File
78	INT STD BLK 5	0:Unknown	0	ALCOHOL.gcm
79	INT STD BLK 6	0:Unknown	0	ALCOHOL.gcm
80	INT STD BLK 7	0:Unknown	0	ALCOHOL.gcm
81	INT STD BLK 8	0:Unknown	0	ALCOHOL.gcm
82	INT STD BLK 9	0:Unknown	0	ALCOHOL.gcm
83	INT STD BLK 10	0:Unknown	0	ALCOHOL.gcm
1	INT STD BLK 1	0:Unknown	0	ALCOHOL.gcm
2	0.050 FN06171903	1:Standard:(R)	1	ALCOHOL.gcm
3	0.100 FN11172002	1:Standard:(R)	2	ALCOHOL.gcm
4	0.200 FN03132302	1:Standard:(R)	3	ALCOHOL.gcm
5	0.400 FN03052102	1:Standard:(R)	4	ALCOHOL.gcm
6	0.500 FN06262004	1:Standard:(R)	5	ALCOHOL.gcm
7	INT STD BLK 2	0:Unknown	0	ALCOHOL.gcm
8	I-COMP MIX FN053	1:Standard:(R)	6	ALCOHOL.gcm
9	INT STD BLK 3	0:Unknown	0	ALCOHOL.gcm
10	QC-1-1	0:Unknown	0	ALCOHOL.gcm
11	QC-1-1-B	0:Unknown	0	ALCOHOL.gcm
12	.08 QA LOT# FN0623220	0:Unknown	0	ALCOHOL.gcm
13	8 QA - B LOT# FN062322	0:Unknown	0	ALCOHOL.gcm
14	C2024-1270-1	0:Unknown	0	ALCOHOL.gcm
15	C2024-1270-1-B	0:Unknown	0	ALCOHOL.gcm
16	C2024-1277-1	0:Unknown	0	ALCOHOL.gcm
17	C2024-1277-1-B	0:Unknown	0	ALCOHOL.gcm
18	C2024-1302-1	0:Unknown	0	ALCOHOL.gcm
19	C2024-1302-1-B	0:Unknown	0	ALCOHOL.gcm
20	C2024-1303-1	0:Unknown	0	ALCOHOL.gcm
21	C2024-1303-1-B	0:Unknown	0	ALCOHOL.gcm
22	C2024-1315-1	0:Unknown	0	ALCOHOL.gcm
23	C2024-1315-1-B	0:Unknown	0	ALCOHOL.gcm
24	C2024-1316-1	0:Unknown	0	ALCOHOL.gcm
25	C2024-1316-1-B	0:Unknown	0	ALCOHOL.gcm
26	C2024-1327-1	0:Unknown	0	ALCOHOL.gcm
27	C2024-1327-1-B	0:Unknown	0	ALCOHOL.gcm
28	C2024-1344-1	0:Unknown	0	ALCOHOL.gcm
29	C2024-1344-1-B	0:Unknown	0	ALCOHOL.gcm
30	C2024-1362-1	0:Unknown	0	ALCOHOL.gcm
31	C2024-1362-1-B	0:Unknown	0	ALCOHOL.gcm
32	QC-1-2	0:Unknown	0	ALCOHOL.gcm
33	QC-1-2-B	0:Unknown	0	ALCOHOL.gcm
34	C2024-1373-1	0:Unknown	0	ALCOHOL.gcm
35	C2024-1373-1-B	0:Unknown	0	ALCOHOL.gcm
36	C2024-1374-1	0:Unknown	0	ALCOHOL.gcm
37	C2024-1374-1-B	0:Unknown	0	ALCOHOL.gcm
38	C2024-1386-1	0:Unknown	0	ALCOHOL.gcm
39	C2024-1386-1-B	0:Unknown	0	ALCOHOL.gcm
40	C2024-1392-1	0:Unknown	0	ALCOHOL.gcm
41	C2024-1392-1-B	0:Unknown	0	ALCOHOL.gcm
42	C2024-1392-2	0:Unknown	0	ALCOHOL.gcm
43	C2024-1392-2-B	0:Unknown	0	ALCOHOL.gcm
44	C2024-1411-1	0:Unknown	0	ALCOHOL.gcm
45	C2024-1411-1-B	0:Unknown	0	ALCOHOL.gcm
46	C2024-1420-1	0:Unknown	0	ALCOHOL.gcm
47	C2024-1420-1-B	0:Unknown	0	ALCOHOL.gcm
48	C2024-1427-1	0:Unknown	0	ALCOHOL.gcm
49	C2024-1427-1-B	0:Unknown	0	ALCOHOL.gcm
50	C2024-1429-1	0:Unknown	0	ALCOHOL.gcm
51	C2024-1429-1-B	0:Unknown	0	ALCOHOL.gcm
52	C2024-1437	0:Unknown	0	ALCOHOL.gcm
53	C2024-1437-1-B	0:Unknown	0	ALCOHOL.gcm

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Vial#	Sample Name	Sample Type	Level#	Method File
54	QC-2-1	0:Unknown	0	ALCOHOL.gcm
55	QC-2-1-B	0:Unknown	0	ALCOHOL.gcm
56	INT STD BLK 4	0:Unknown	0	ALCOHOL.gcm

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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):** **7-30-2024**

Calibration Date: *(if different)*

Worklist # **6885**

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Feb-25	2101199	0.0808	0.0727 - 0.0889	0.0806 g/100cc
					0.0816 g/100cc
					g/100cc
Level 2	Mar-26	2110181	0.2030	0.1827 – 0.2233	0.1904 g/100cc
					g/100cc
					g/100cc

Multi-Component mixture:	Exp:	May 31, 2028	Lot #	FN05302307	OK
Curve Fit:		**Column 1**	0.99942	**Column2**	0.99929

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0534	0.0541	0.0008	0.0537
100	0.100	0.090 - 0.110	0.1008	0.1007	0.0001	0.1007
200	0.200	0.180 - 0.220	0.1951	0.1943	0.0008	0.1947
300	0.300	0.270 - 0.330			0.0000	#DIV/0!
400	0.400	0.360 - 0.440	0.3952	0.3951	0.0001	0.3951
500	0.500	0.450 - 0.550	0.5052	0.5056	0.0004	0.5054

Aqueous Controls

Control level	Target Value	Acceptable Range	Overall Results
80	0.080	0.076 - 0.084	0.083 g/100cc

REVIEWED
By Rachel Cutler at 5:08 pm, Jul 31, 2024

Revision: 5
Issue Date: 07/05/2022
Issuing Authority: Quality Manager

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Internal Standard Monitoring Worksheet

Worklist #:	6885	Run Date(s):	7-30-2024

Internal Standard Solution: Lot# A014463901	Prep Date:	6/5/2024	Exp Date:	12/5/2024

Sample Name	Column 1 Value	Column 2 Value
0.080	258696	260813
0.080	269532	272133
QC1	268116	270533
QC1	263902	266865
QC1	295025	296037
QC1	277980	279014
QC1		
QC1		
QC2	299169	300666
QC2	321530	323828
QC2		
QC2		
QC2		
QC2		

	Average	(-)20%	(+)20%
Column 1	281743.8	225395.0	338092.5
Column 2	283736.1	226988.9	340483.4

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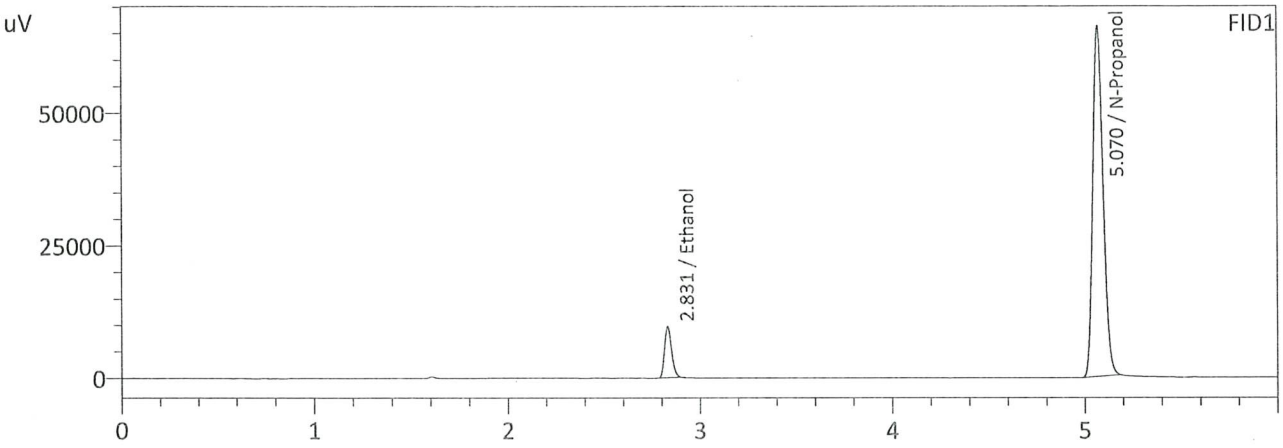
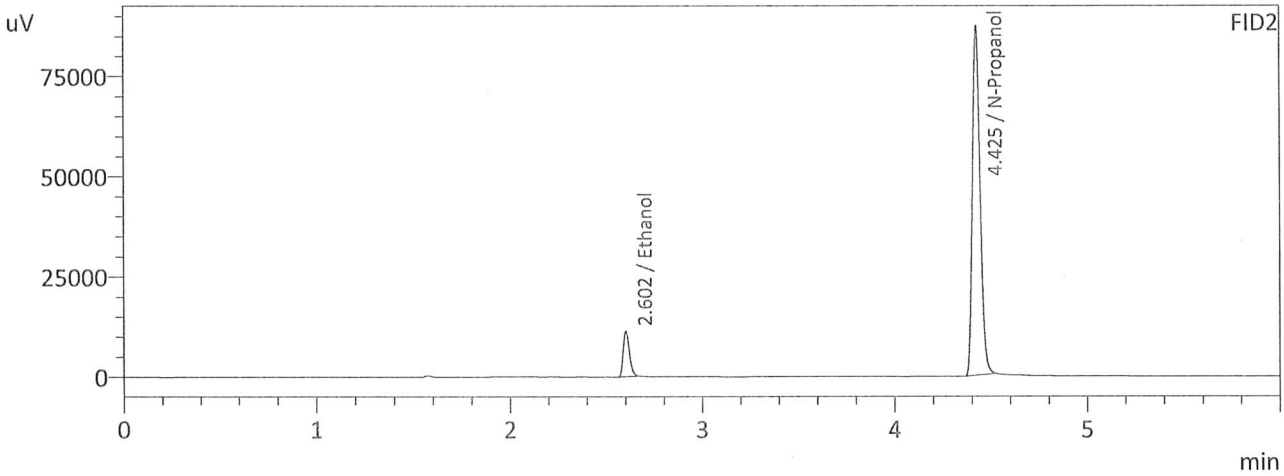
Sample Name : 0.050 FN06171903
Laboratory : Coeur d' Alene Lab
Injection Date : 7/30/2024 4:24:53 PM
Vial # : 2
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0535	24541	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	245816	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0541	25196	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	247709	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

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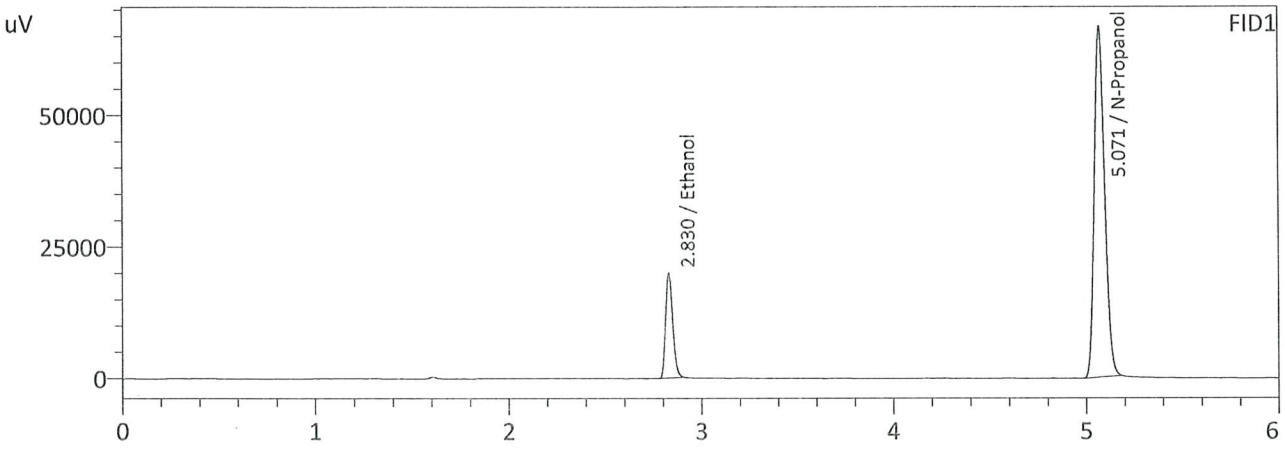
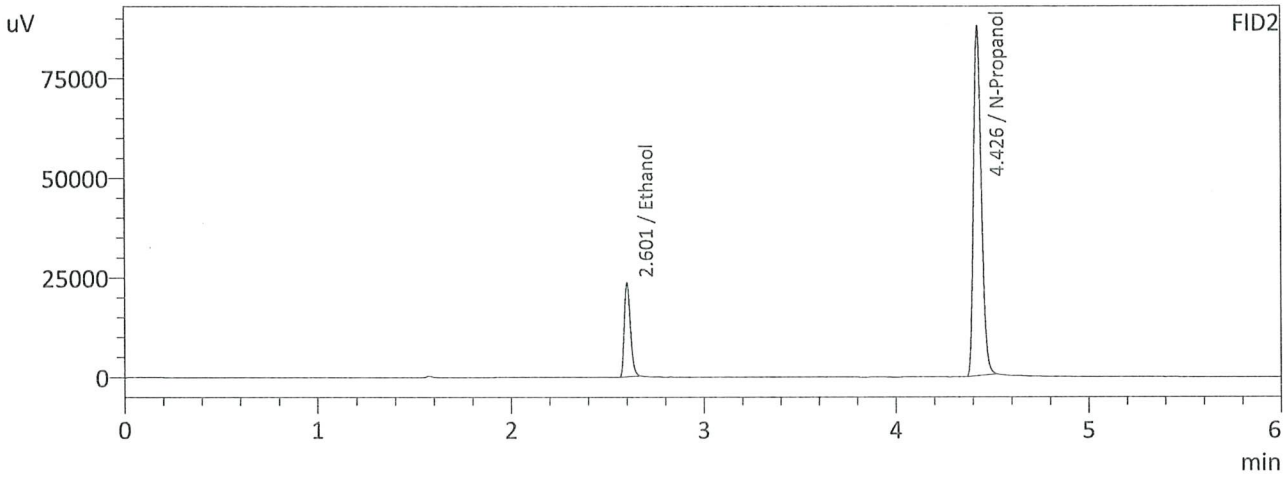
Sample Name : 0.100 FN11172002
Laboratory : Coeur d' Alene Lab
Injection Date : 7/30/2024 4:35:37 PM
Vial # : 3
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1008	51129	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	247907	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1007	52300	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	249482	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

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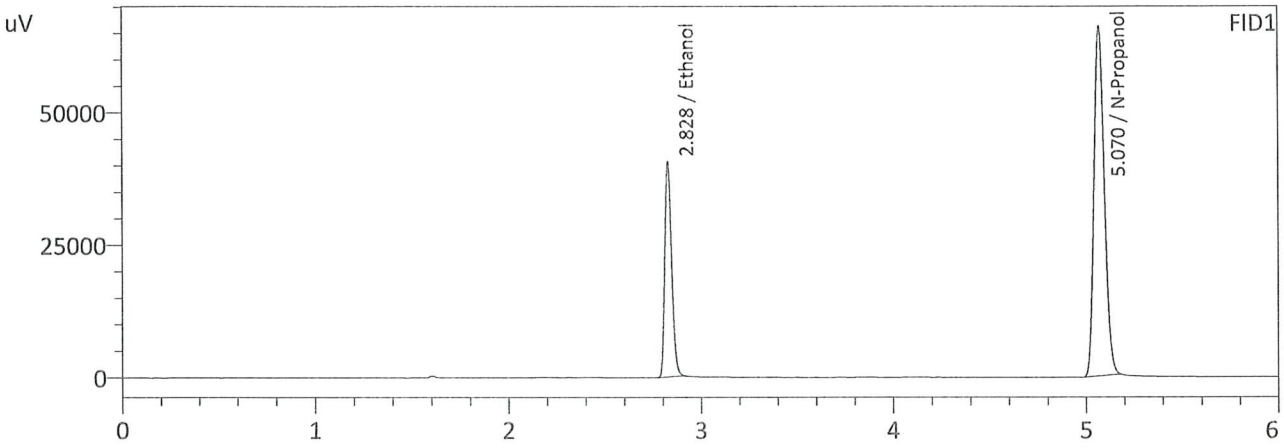
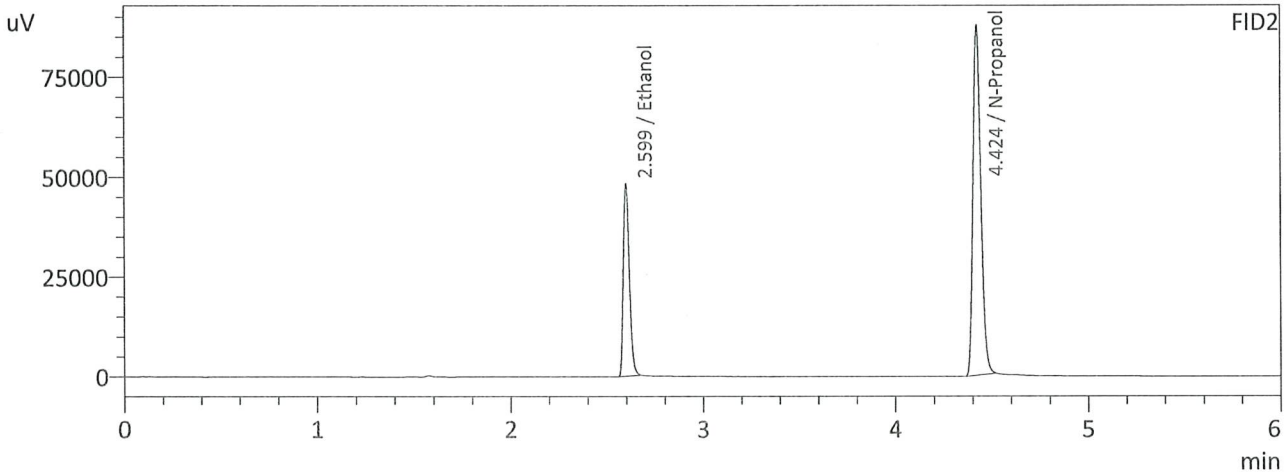
Sample Name : 0.200 FN03132302
Laboratory : Coeur d' Alene Lab
Injection Date : 7/30/2024 4:44:16 PM
Vial # : 4
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1951	103165	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	246481	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1943	105865	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	248337	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

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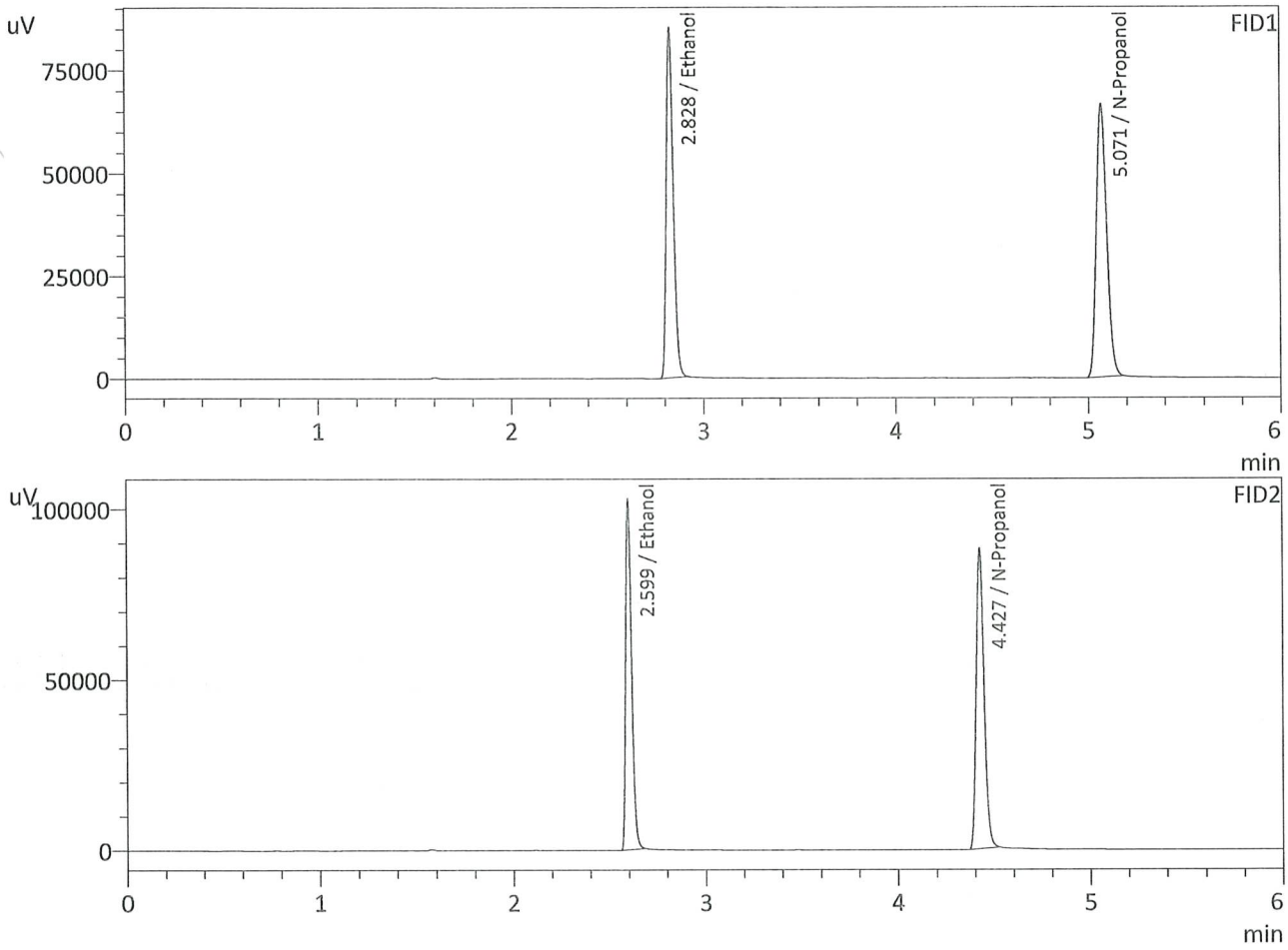
Sample Name : 0.400 FN03052102
Laboratory : Coeur d' Alene Lab
Injection Date : 7/30/2024 4:54:59 PM
Vial # : 5
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.3952	215390	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	247874	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.3951	222783	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	249913	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

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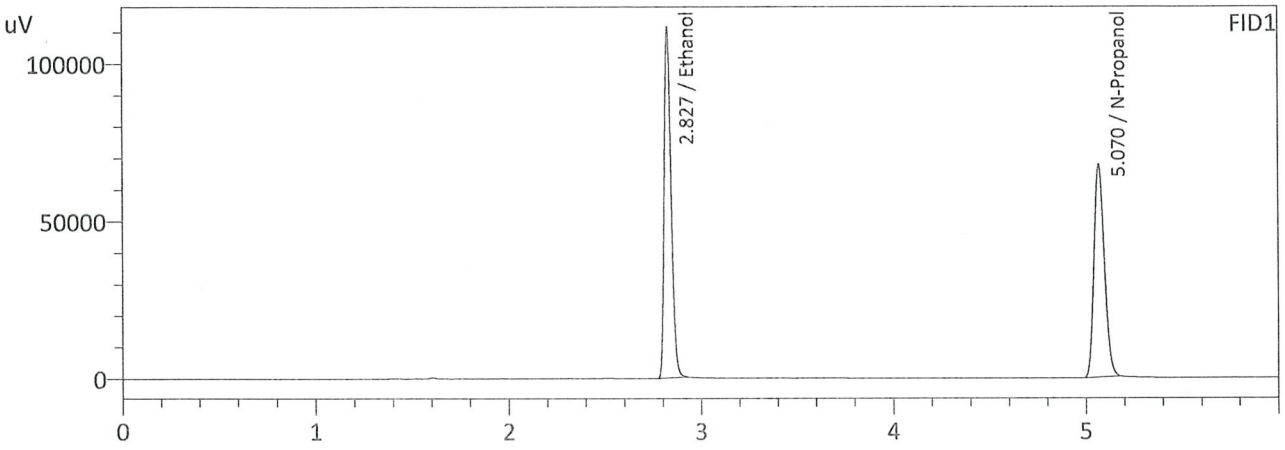
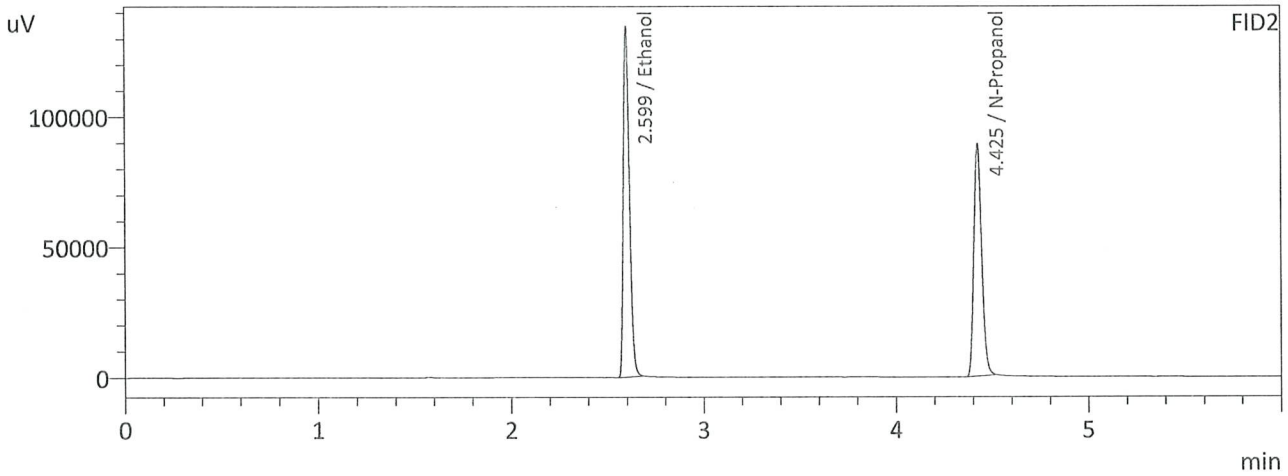
Sample Name : 0.500 FN06262004
Laboratory : Coeur d' Alene Lab
Injection Date : 7/30/2024 5:03:40 PM
Vial # : 6
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5052	280847	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	251554	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5056	290834	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	253472	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

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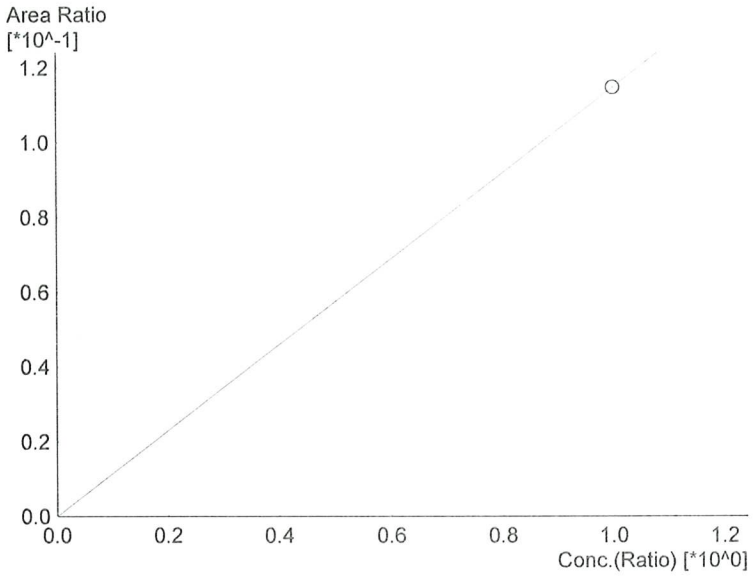
Calibration Table

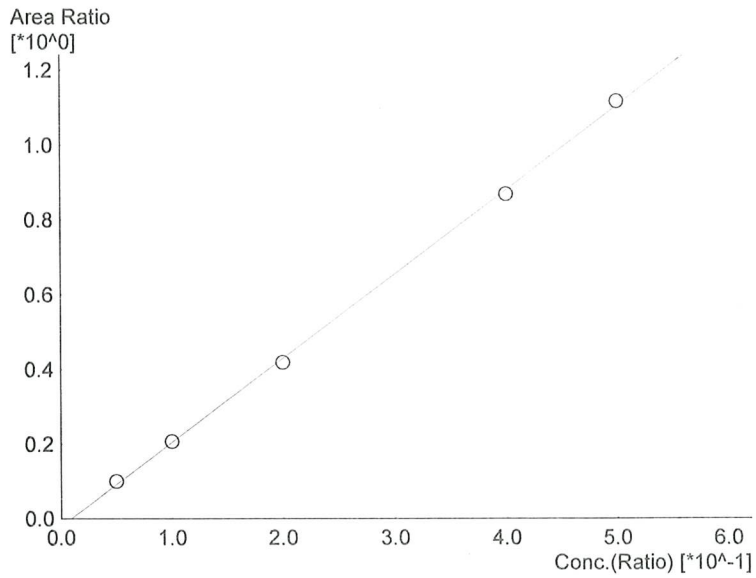
Laboratory : Coeur d' Alene
Instrument Name : BML8F33-Instrument1
Instrument Serial # : C12255850700 / C12595700181

<<Data File>>
Method File :Default Project - ALCOHOL.gcm
Batch File :Default Project - 7-30-24.gcb
Date Acquired :7/30/2024 5:03:40 PM
Date Created :7/30/2024 5:01:02 PM
Date Modified :7/30/2024 5:09:42 PM



Name : Methanol
Detector Name: FID1
Function : f(x)=0.114732*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	27091	1.0000



Name : Ethanol
Detector Name: FID1
Function : f(x)=2.25082*x-0.0206998
R^2 value= 0.9994236
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	24541	0.0535
2	0.100	51129	0.1008
3	0.200	103165	0.1951
4	0.400	215390	0.3952
5	0.500	280847	0.5052

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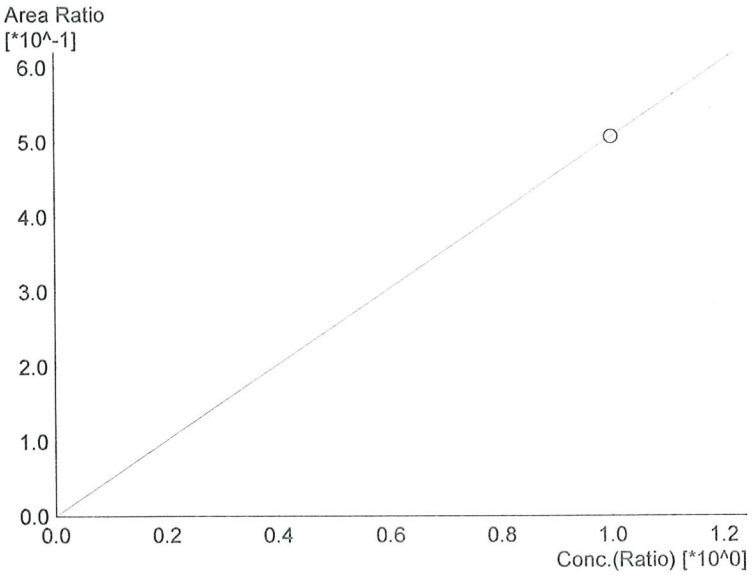
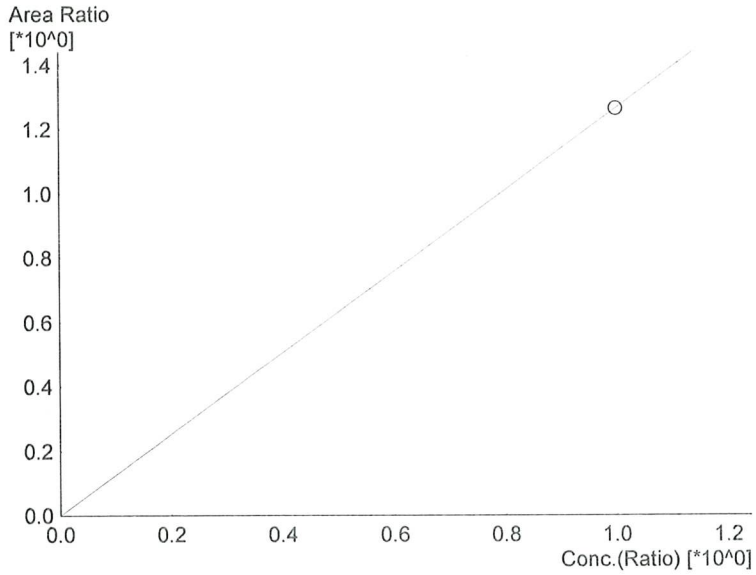


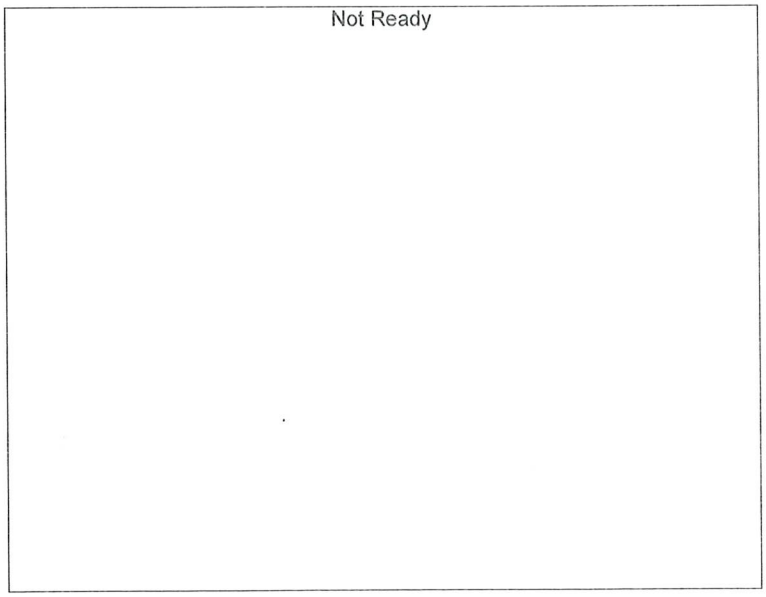
Name : Isopropyl Alcohol
Detector Name: FID1
Function : f(x)=0.507492*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	119830	1.0000



Name : Acetone
Detector Name: FID1
Function : f(x)=1.26445*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	298566	1.0000



Name : Fluor. Hydrocarbon(s)
Detector Name: FID1
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.

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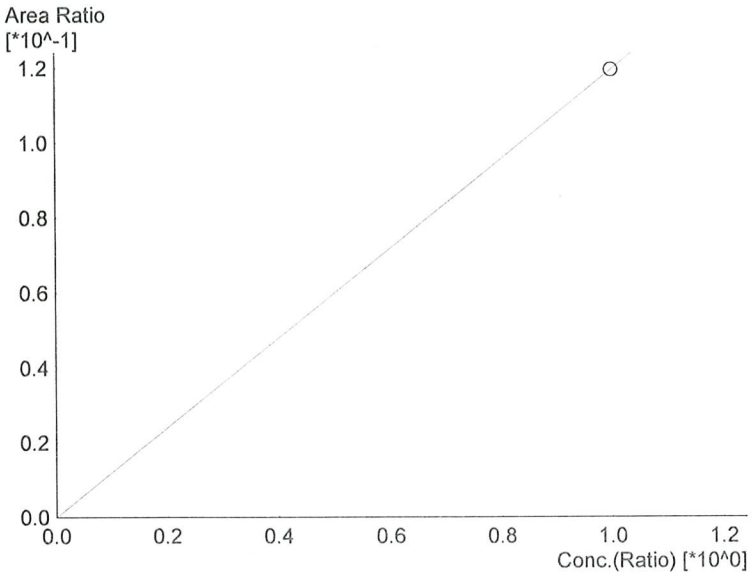
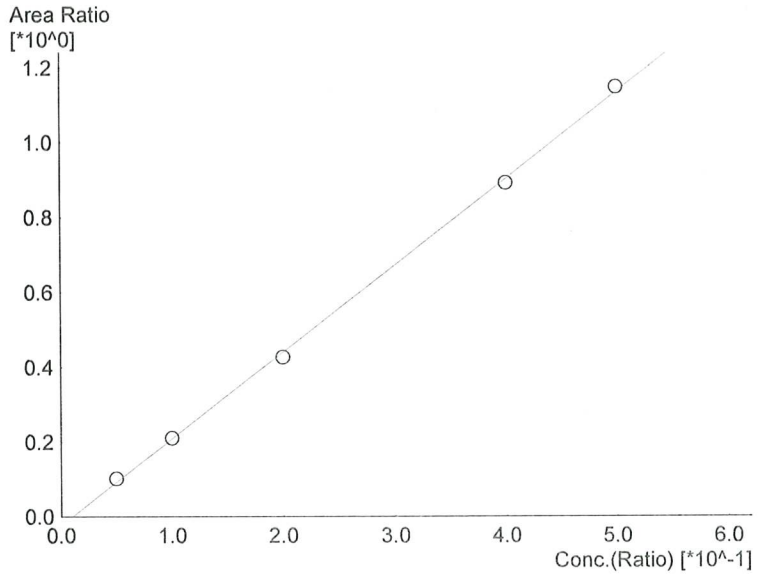


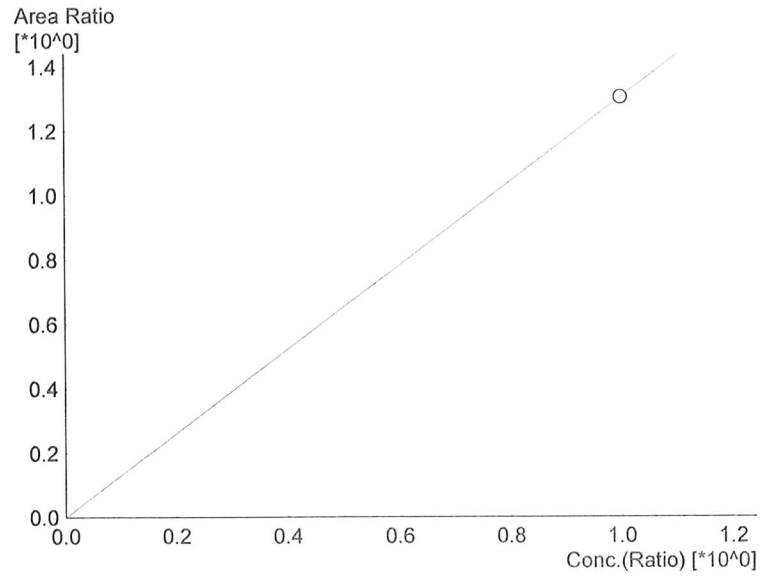
Name : Methanol
Detector Name: FID2
Function : f(x)=0.119520*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	28321	1.0000



Name : Ethanol
Detector Name: FID2
Function : f(x)=2.31642*x-0.0238071
R^2 value= 0.9992946
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	25196	0.0541
2	0.100	52300	0.1007
3	0.200	105865	0.1943
4	0.400	222783	0.3951
5	0.500	290834	0.5056



Name : Acetone
Detector Name: FID2
Function : f(x)=1.30528*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	309292	1.0000

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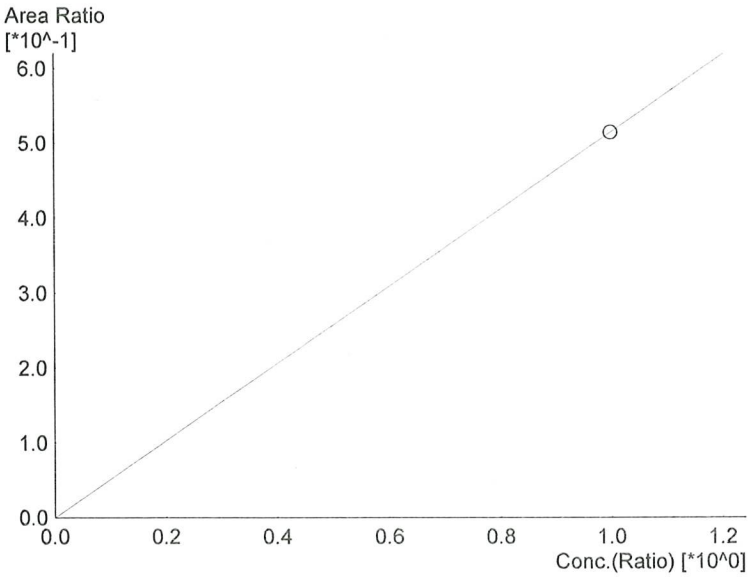
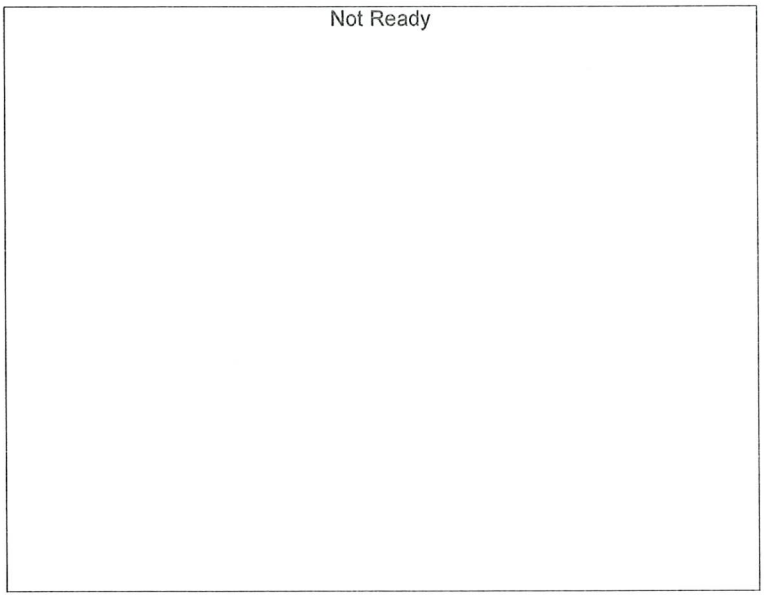


Name : Isopropyl Alcohol
Detector Name: FID2
Function : f(x)=0.514630*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	121944	1.0000



Name : Fluor. Hydrocarbon(s)
Detector Name: FID2
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.

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VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-1-1 **Analysis Date(s): 7/30/2024 5:42:28 PM(-07:00)**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0809	0.0808	0.0001	0.0808	0.0005	0.0806
(g/100cc)	0.0804	0.0803	0.0001	0.0803		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information — Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL.gcm

Reporting of Results	Uncertainty of Measurements (UM%):	5.00%

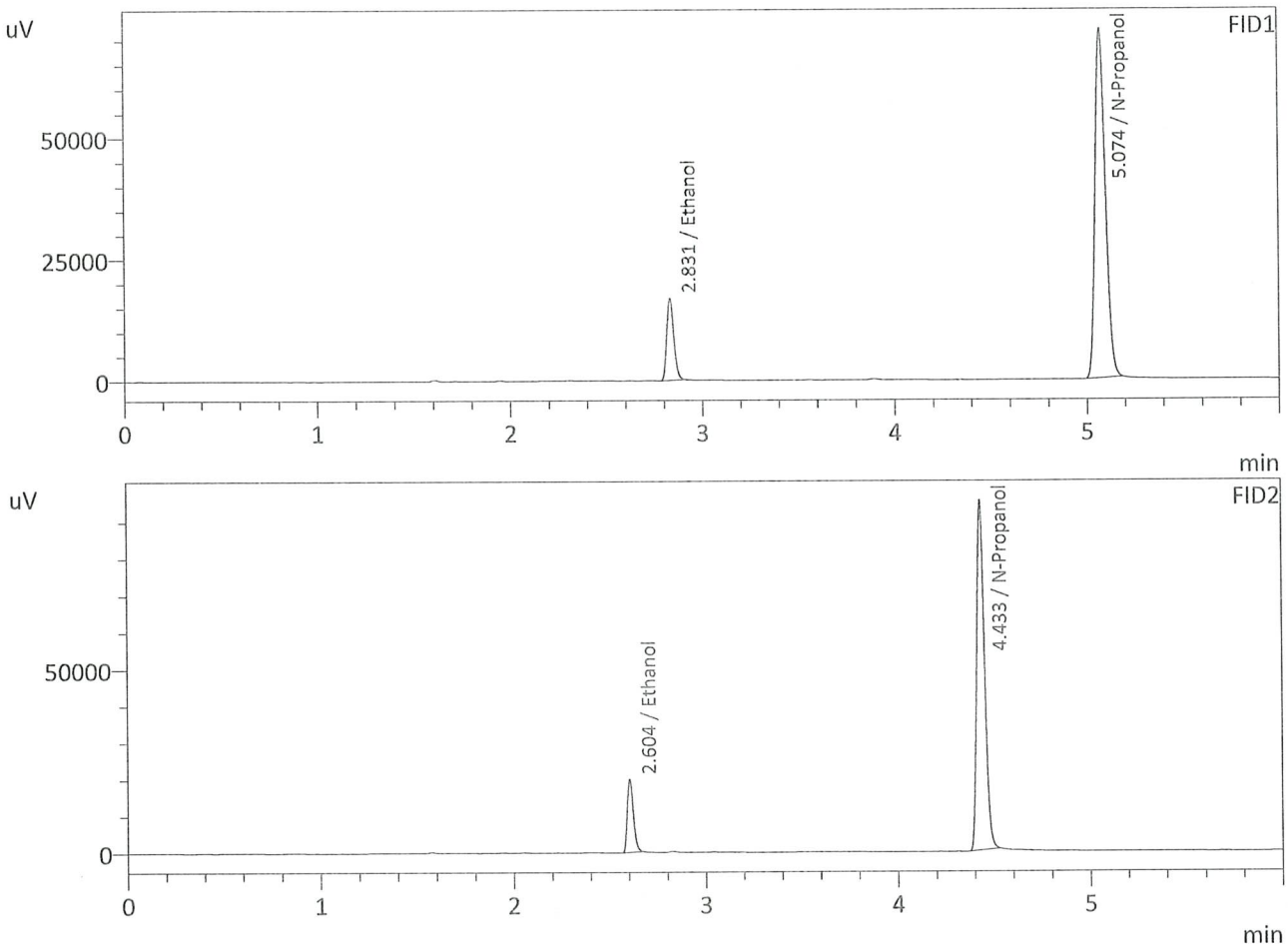
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.080	0.076	0.084	0.004

Reported Results
0.080

Calibration and control data are stored centrally.

99

Sample Name : QC-1-1
Laboratory : Coeur d' Alene Lab
Injection Date : 7/30/2024 5:42:28 PM
Vial # : 10
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

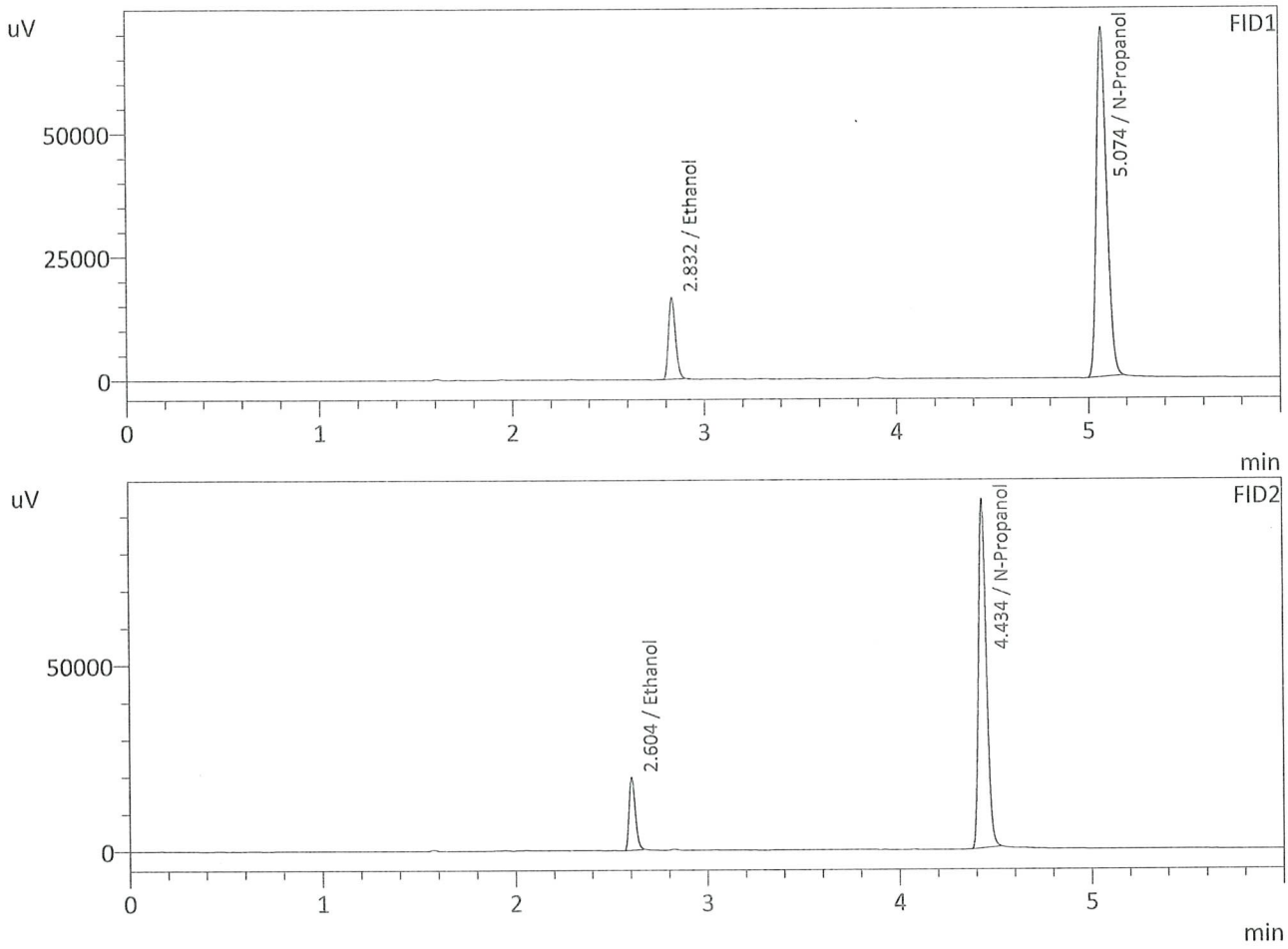
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0809	43274	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	268116	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0808	44197	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	270533	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-1-1-B
Laboratory : Coeur d' Alene Lab
Injection Date : 7/30/2024 5:53:11 PM
Vial # : 11
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0804	42351	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	263902	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0803	43289	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	266865	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-1-2 **Analysis Date(s):** 7/30/2024 9:15:52 PM(-07:00)

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0816	0.0818	0.0002	0.0817	0.0002	0.0816
(g/100cc)	0.0813	0.0817	0.0004	0.0815		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL.gcm

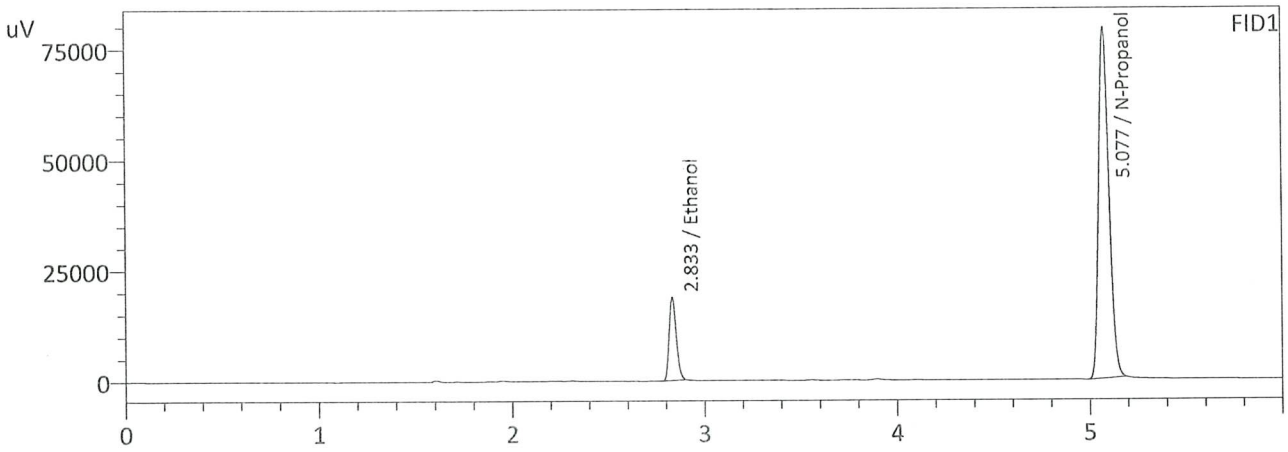
Reporting of Results	Uncertainty of Measurements (UM%):		5.00%
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.081	0.076	0.086	0.005

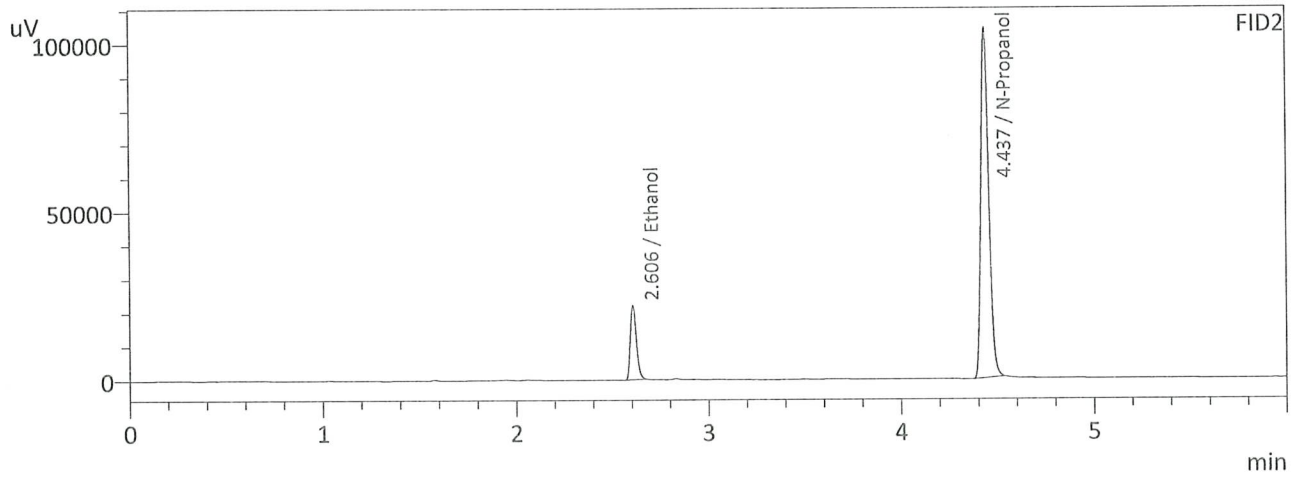
Reported Results
0.081

Calibration and control data are stored centrally.

99

Sample Name : QC-1-2
Laboratory : Coeur d' Alene Lab
Injection Date : 7/30/2024 9:15:52 PM
Vial # : 32
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

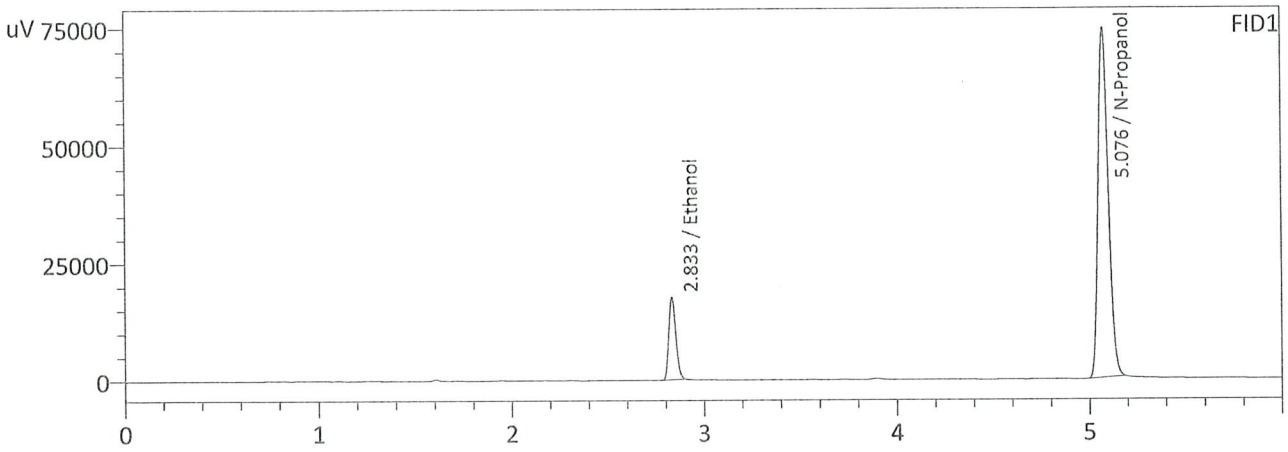
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0816	48144	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	295025	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

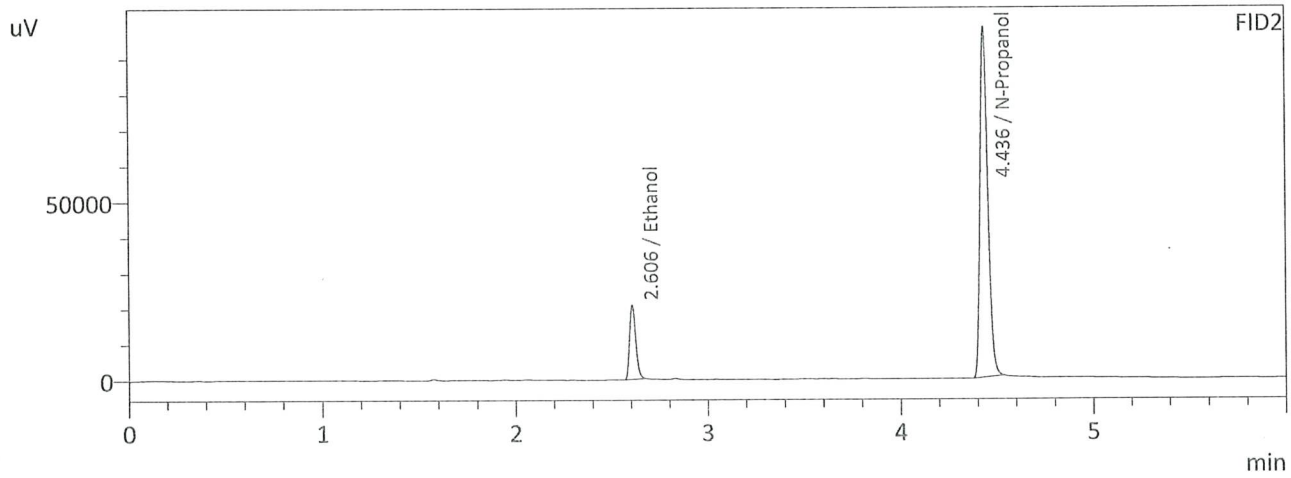
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0818	49098	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	296037	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-1-2-B
Laboratory : Coeur d' Alene Lab
Injection Date : 7/30/2024 9:26:35 PM
Vial # : 33
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0813	45156	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	277980	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0817	46222	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	279014	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-1 Analysis Date(s): 7/31/2024 12:49:30 AM(-07:00)

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.1905	0.1898	0.0007	0.1901	0.0007	0.1904
(g/100cc)	0.1911	0.1905	0.0006	0.1908		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL.gcm

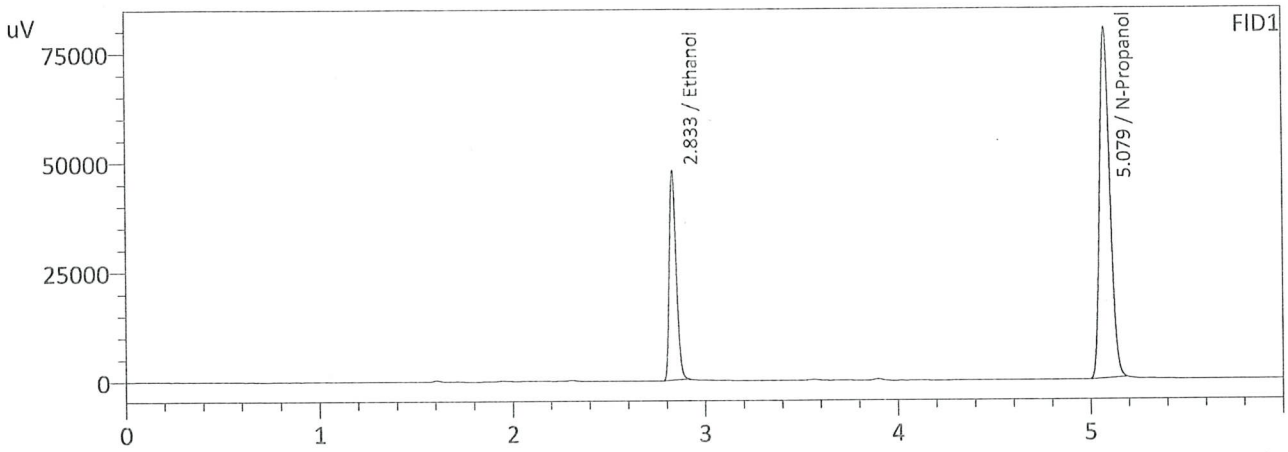
Reporting of Results	Uncertainty of Measurements (UM%):	5.00%
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.190	0.180	0.200	0.010

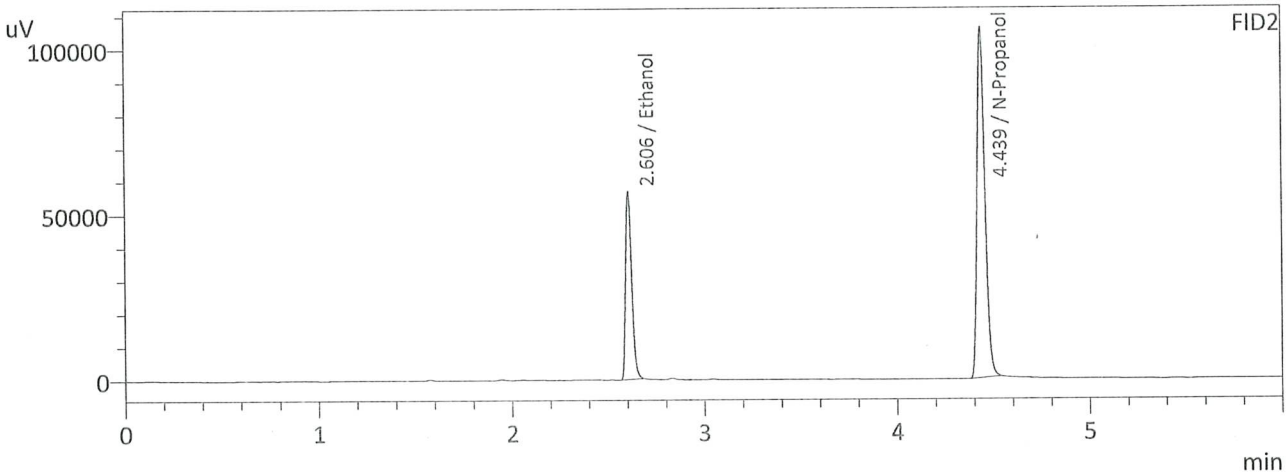
Reported Results
0.190

Calibration and control data are stored centrally.

99

Sample Name : QC-2-1
Laboratory : Coeur d' Alene Lab
Injection Date : 7/31/2024 12:49:30 AM
Vial # : 54
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

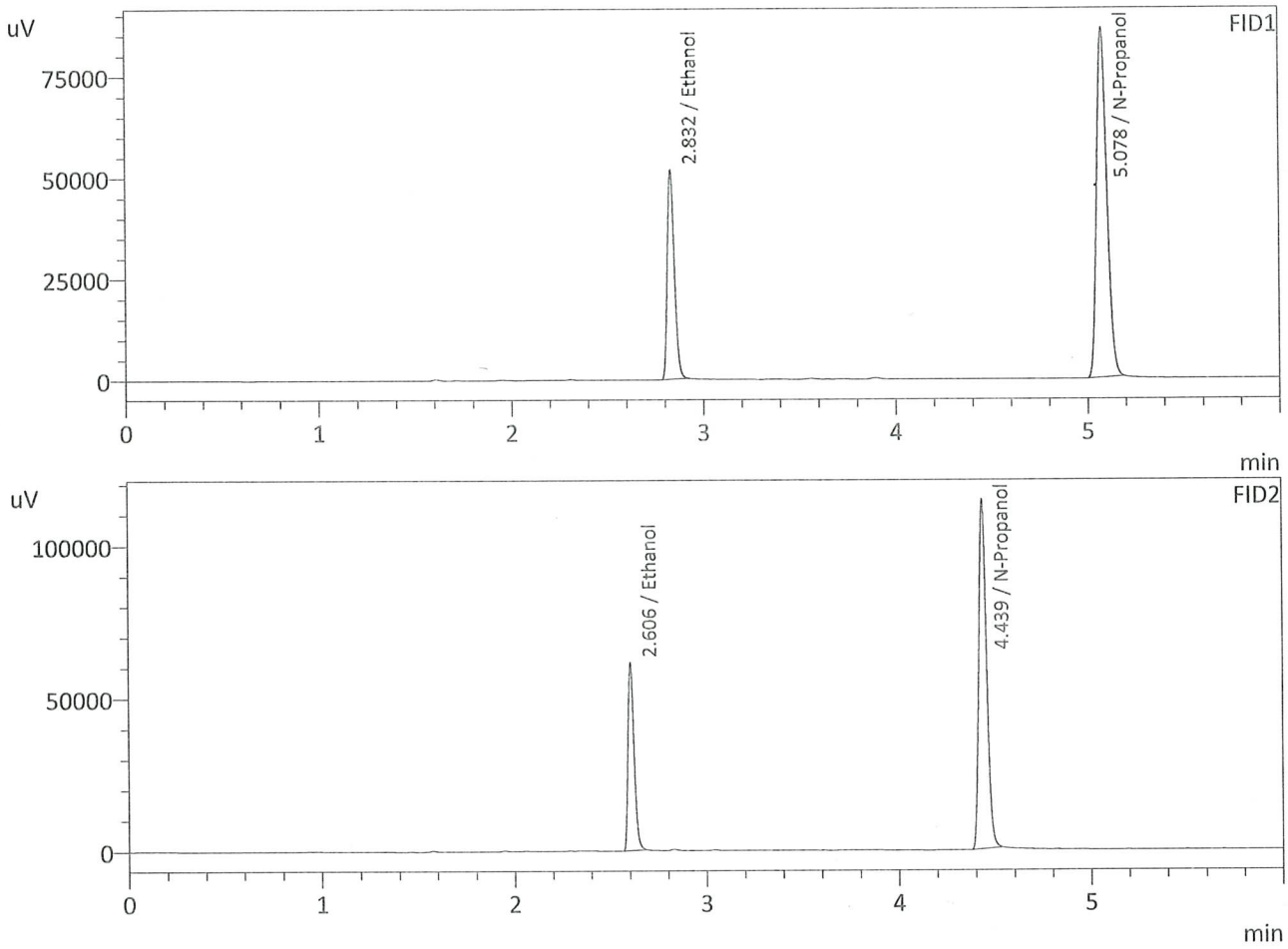
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1905	122148	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	299169	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1898	125070	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	300666	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-2-1-B
Laboratory : Coeur d' Alene Lab
Injection Date : 7/31/2024 1:00:15 AM
Vial # : 55
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1911	131676	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	321530	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1905	135206	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	323828	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: 0.08 QA LOT# FN06232204 alysis Date(s): 7/30/2024 6:01:52 PM(-07:00)

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0824	0.0825	0.0001	0.0824	0.0019	0.0833
(g/100cc)	0.0842	0.0844	0.0002	0.0843		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information — Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL.gcm

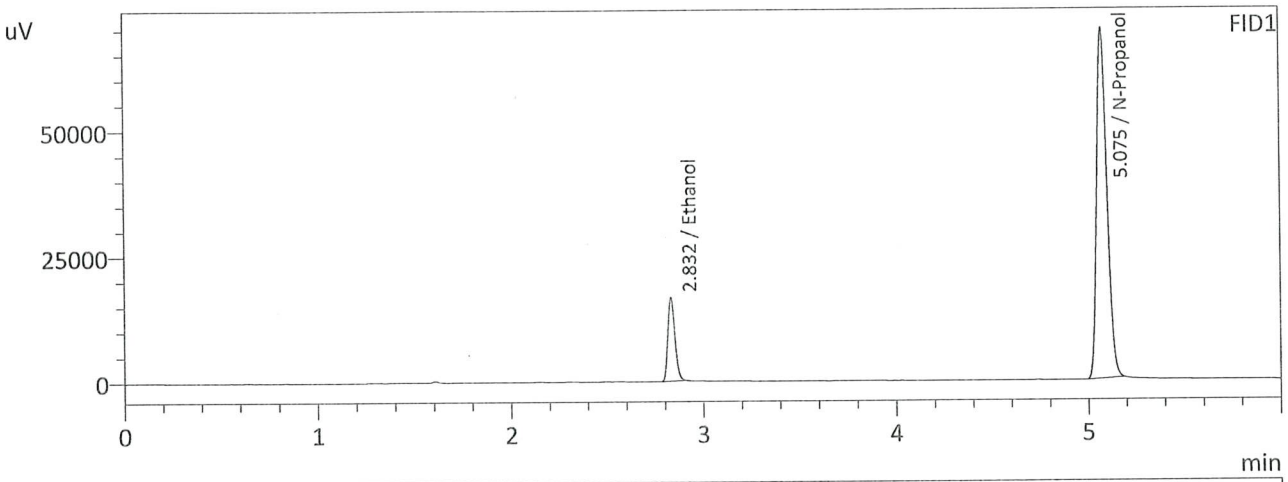
Reporting of Results	Uncertainty of Measurements (UM%):		5.00%
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.083	0.078	0.088	0.005

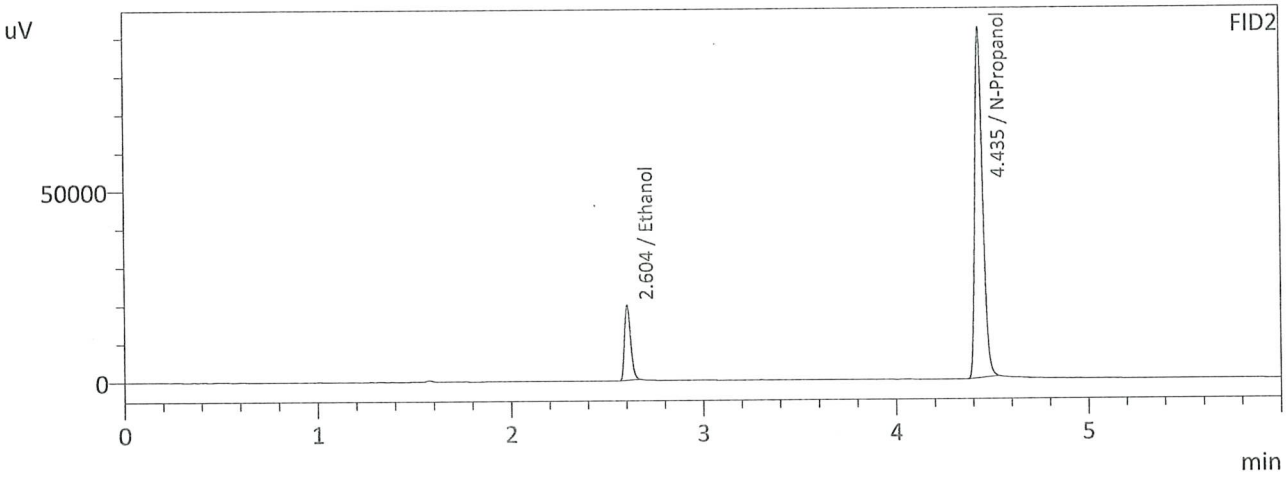
Reported Results
0.083

Calibration and control data are stored centrally.

99

Sample Name : 0.08 QA LOT# FN06232204
Laboratory : Coeur d' Alene Lab
Injection Date : 7/30/2024 6:01:52 PM
Vial # : 12
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

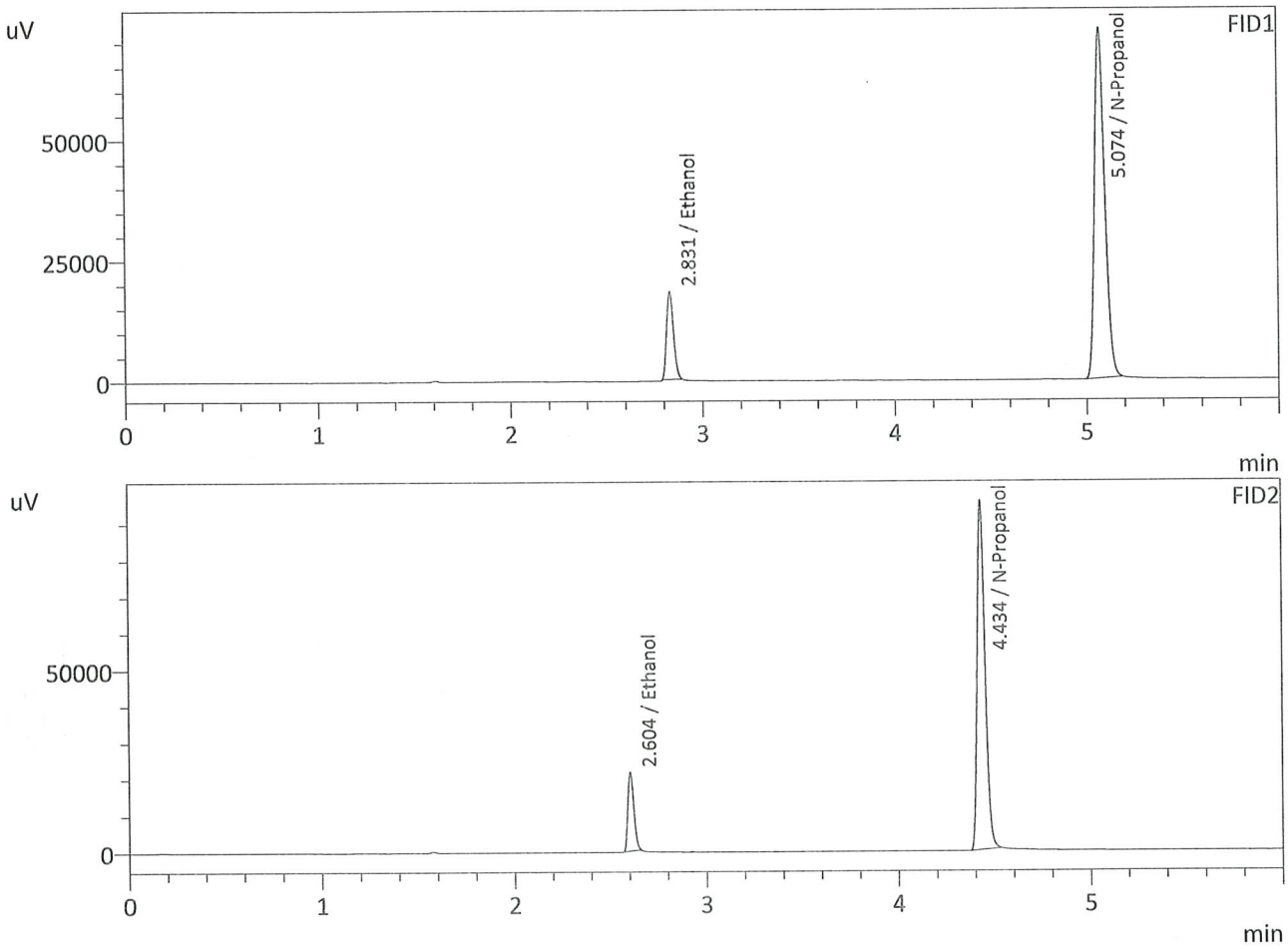
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0824	42637	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	258696	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0825	43645	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	260813	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : 0.08 QA - B LOT# FN06232204
Laboratory : Coeur d' Alene Lab
Injection Date : 7/30/2024 6:12:35 PM
Vial # : 13
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

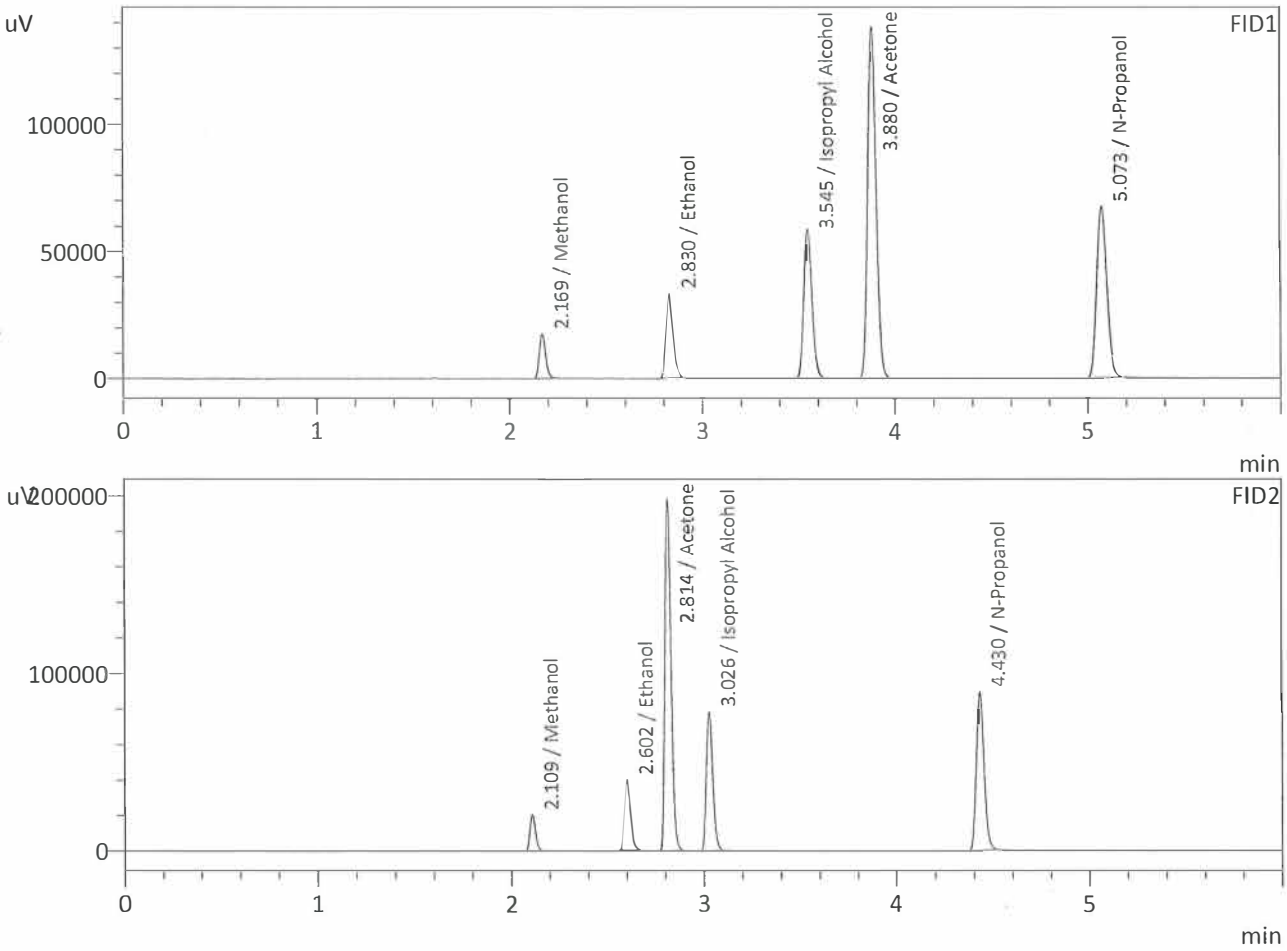
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0842	45551	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	269532	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0844	46748	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	272133	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : MULTI-COMP MIX LOT# FN05302307
Laboratory : Coeur d' Alene Lab
Injection Date : 7/30/2024 5:23:03 PM
Vial # : 8
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

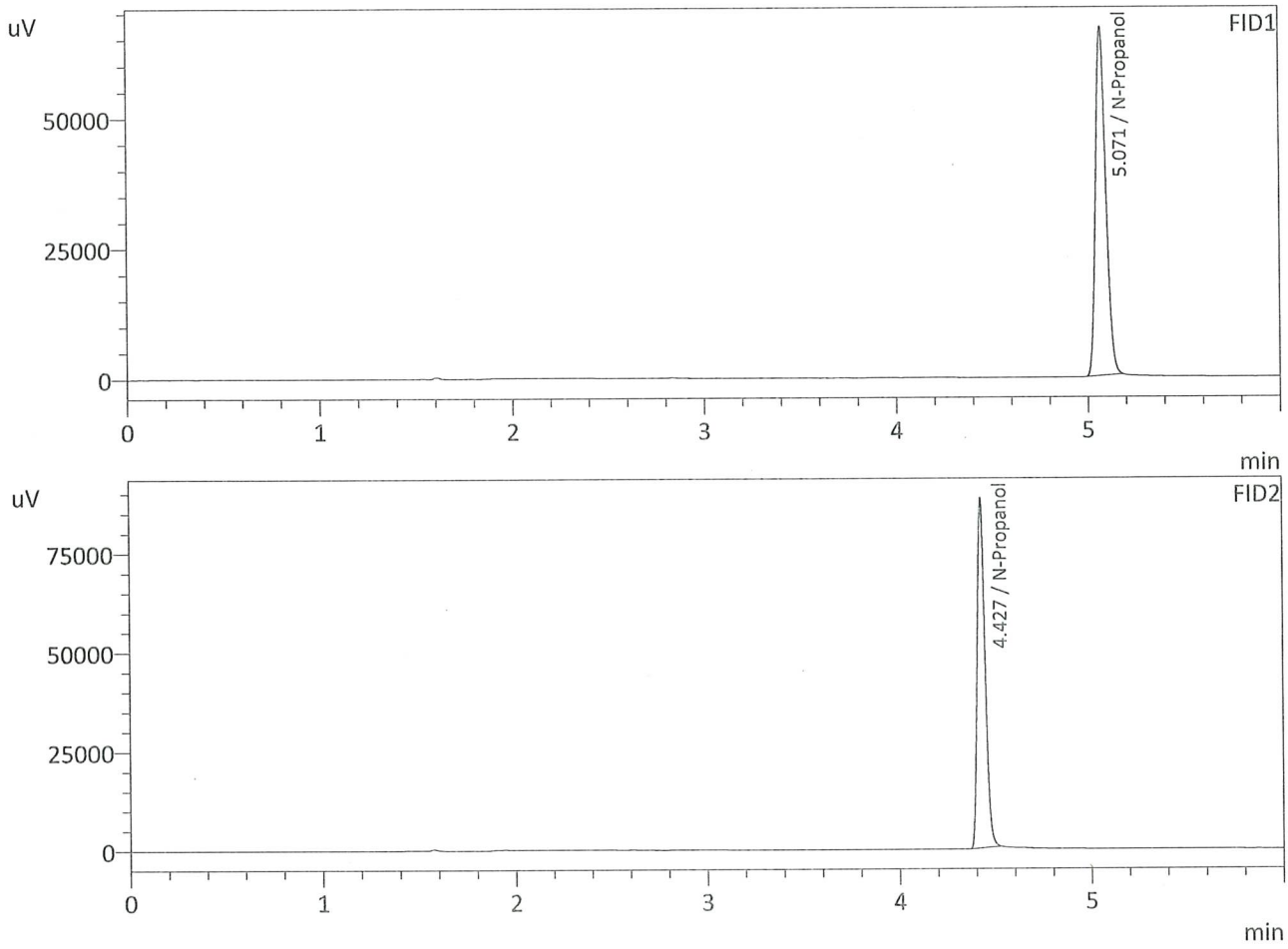
Name	Conc.	Area	Unit
Methanol	1.0000	40378	g/100cc
Ethanol	0.1605	85396	g/100cc
Isopropyl Alcohol	1.0000	175564	g/100cc
Acetone	1.0000	418789	g/100cc
N-Propanol	0.0000	250605	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	1.0000	42060	g/100cc
Ethanol	0.1599	87625	g/100cc
Acetone	1.0000	436493	g/100cc
Isopropyl Alcohol	1.0000	180058	g/100cc
N-Propanol	0.0000	252724	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 1
Laboratory : Coeur d' Alene Lab
Injection Date : 7/30/2024 4:16:11 PM
Vial # : 1
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

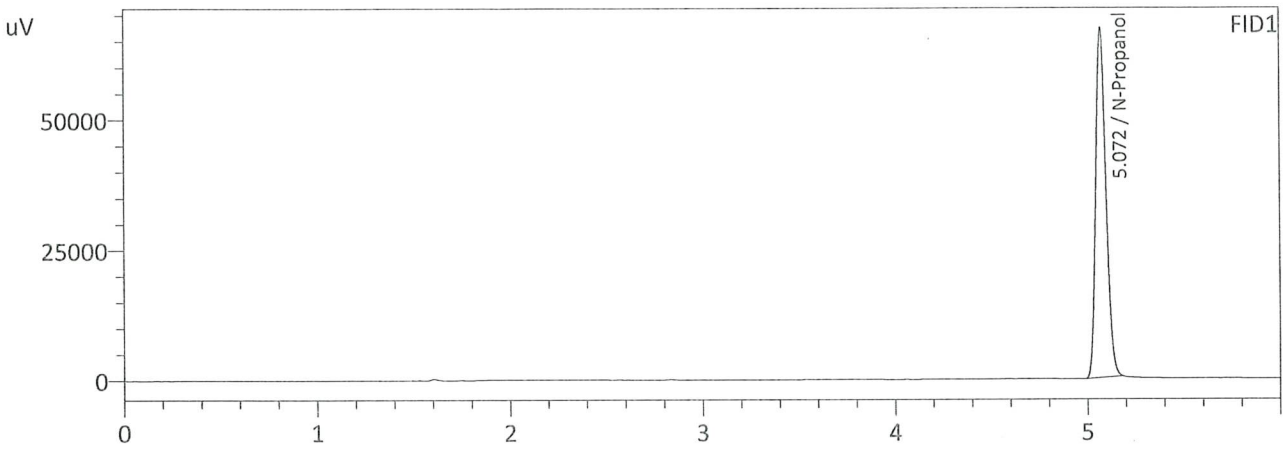
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	249042	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

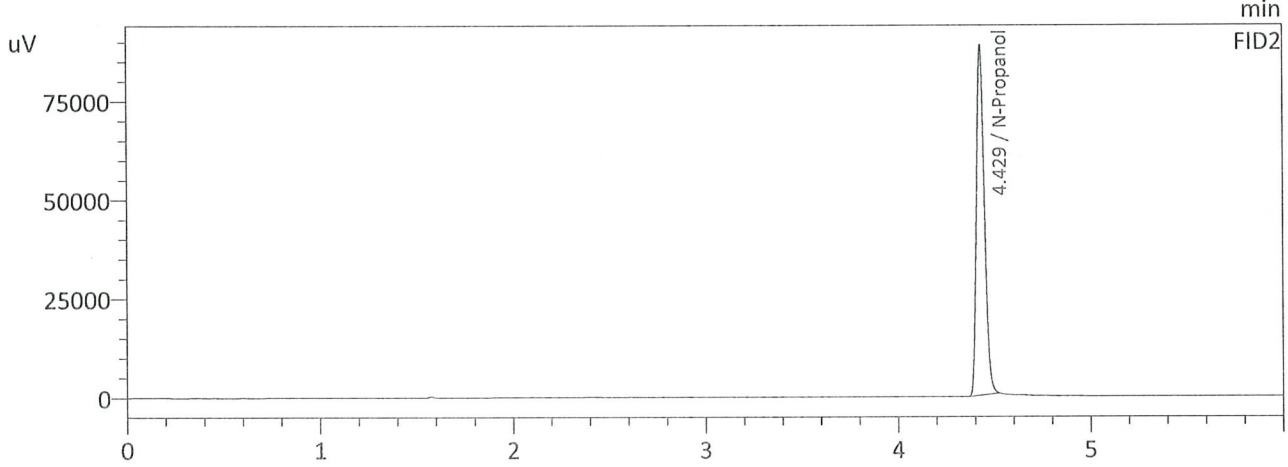
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	250877	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 2
Laboratory : Coeur d' Alene Lab
Injection Date : 7/30/2024 5:14:23 PM
Vial # : 7
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

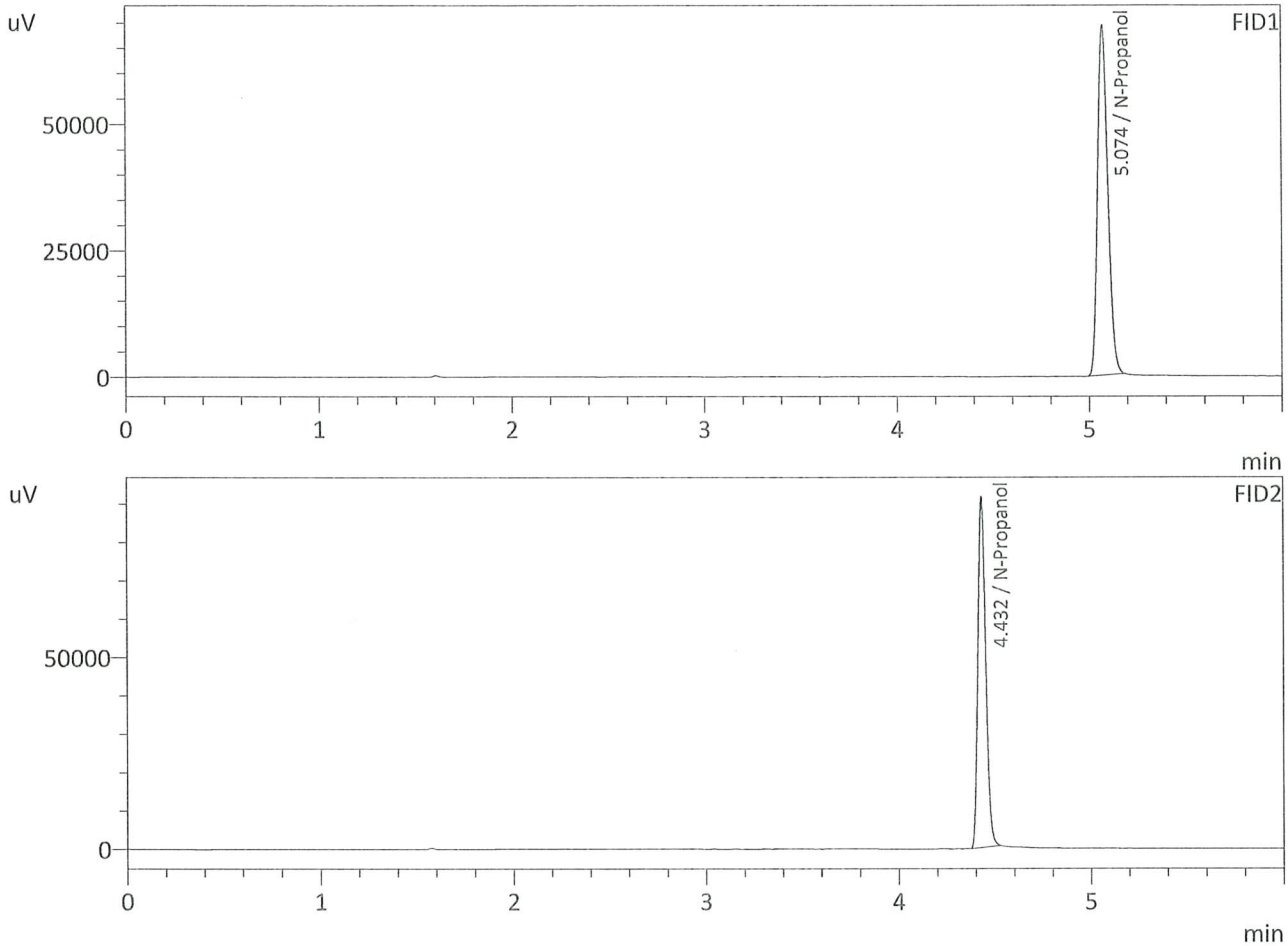
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	249640	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	251245	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 3
Laboratory : Coeur d' Alene Lab
Injection Date : 7/30/2024 5:33:48 PM
Vial # : 9
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

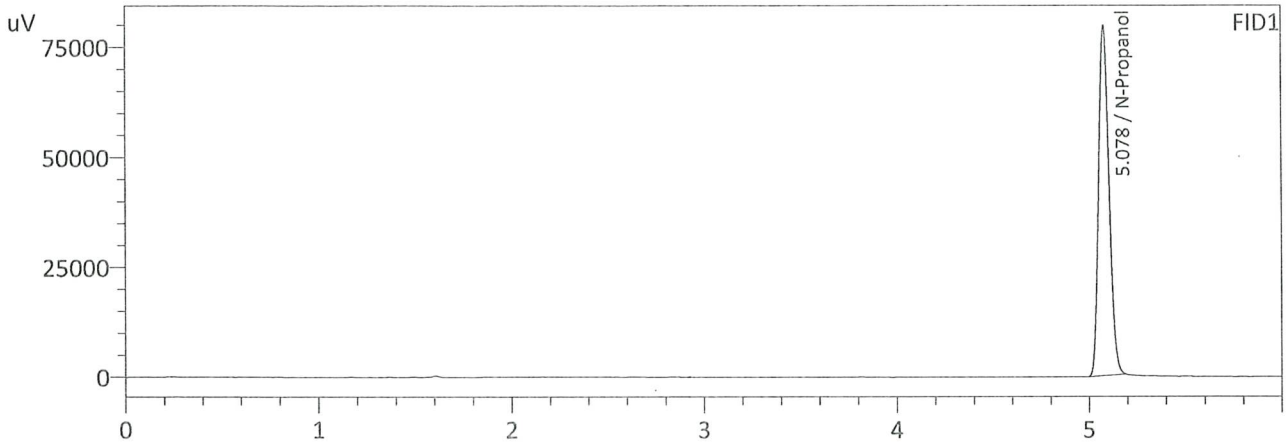
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	257857	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

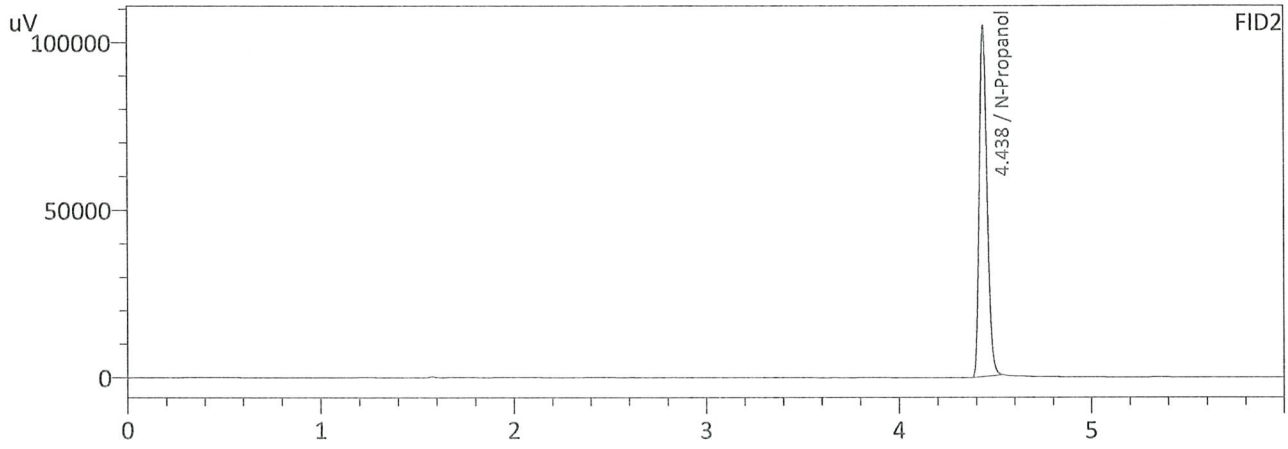
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	259645	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 4
Laboratory : Coeur d' Alene Lab
Injection Date : 7/31/2024 1:08:46 AM
Vial # : 56
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	297165	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	298126	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc