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12/11/2023

**Worklist: 6601**

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
C2023-2580	1	BCK	Alcohol Analysis	
C2023-2592	1	BCK	Alcohol Analysis	
C2023-2593	1	BCK	Alcohol Analysis	
C2023-2605	1	UCK	Alcohol Analysis	
C2023-2607	1	BCK	Alcohol Analysis	
C2023-2625	1	BCK	Alcohol Analysis	
C2023-2656	1	BCK	Alcohol Analysis	
C2023-2663	1	BCK	Alcohol Analysis	
C2023-2695	1	BCK	Alcohol Analysis	
C2023-2696	1	BCK	Alcohol Analysis	
C2023-2696	2	BCK	Alcohol Analysis	
C2023-2696	3	BCK	Alcohol Analysis	
C2023-2706	1	BCK	Alcohol Analysis	
C2023-2718	1	BCK	Alcohol Analysis	
C2023-2723	2	BCK	Alcohol Analysis	
C2023-2733	1	BCK	Alcohol Analysis	
C2023-2742	1	BCK	Alcohol Analysis	
M2023-5019	1	BCK	Alcohol Analysis	

# 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  
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Vial#	Sample Name	Sample Type	Level#	Method File
78	INT STD BLK 5	0:Unknown	0	ALCOHOL Long.gcm
79	INT STD BLK 6	0:Unknown	0	ALCOHOL Long.gcm
80	INT STD BLK 7	0:Unknown	0	ALCOHOL Long.gcm
81	INT STD BLK 8	0:Unknown	0	ALCOHOL Long.gcm
82	INT STD BLK 9	0:Unknown	0	ALCOHOL Long.gcm
83	INT STD BLK 10	0:Unknown	0	ALCOHOL Long.gcm
1	INT STD BLK 1	0:Unknown	0	ALCOHOL Long.gcm
2	0.050	1:Standard:(R)	1	ALCOHOL Long.gcm
3	0.100	1:Standard:(R)	2	ALCOHOL Long.gcm
4	0.200	1:Standard:(R)	3	ALCOHOL Long.gcm
5	0.400	1:Standard:(R)	4	ALCOHOL Long.gcm
6	0.500	1:Standard:(R)	5	ALCOHOL Long.gcm
7	INT STD BLK 2	0:Unknown	0	ALCOHOL Long.gcm
8	MULTI-COMP MIX	1:Standard:(R)	6	ALCOHOL Long.gcm
9	INT STD BLK 3	0:Unknown	0	ALCOHOL Long.gcm
10	QC-1-1	0:Unknown	0	ALCOHOL Long.gcm
11	QC-1-1-B	0:Unknown	0	ALCOHOL Long.gcm
12	0.08 QA	0:Unknown	0	ALCOHOL Long.gcm
13	0.08 QA - B	0:Unknown	0	ALCOHOL Long.gcm
14	C2023-2580-1	0:Unknown	0	ALCOHOL Long.gcm
15	C2023-2580-1-B	0:Unknown	0	ALCOHOL Long.gcm
16	C2023-2592-1	0:Unknown	0	ALCOHOL Long.gcm
17	C2023-2592-1-B	0:Unknown	0	ALCOHOL Long.gcm
18	C2023-2593-1	0:Unknown	0	ALCOHOL Long.gcm
19	C2023-2593-1-B	0:Unknown	0	ALCOHOL Long.gcm
20	C2023-2605-1	0:Unknown	0	ALCOHOL Long.gcm
21	C2023-2605-1-B	0:Unknown	0	ALCOHOL Long.gcm
22	C2023-2607-1	0:Unknown	0	ALCOHOL Long.gcm
23	C2023-2607-1-B	0:Unknown	0	ALCOHOL Long.gcm
24	C2023-2625-1	0:Unknown	0	ALCOHOL Long.gcm
25	C2023-2625-1-B	0:Unknown	0	ALCOHOL Long.gcm
26	C2023-2656-1	0:Unknown	0	ALCOHOL Long.gcm
27	C2023-2656-1-B	0:Unknown	0	ALCOHOL Long.gcm
28	C2023-2663-1	0:Unknown	0	ALCOHOL Long.gcm
29	C2023-2663-1-B	0:Unknown	0	ALCOHOL Long.gcm
30	C2023-2695-1	0:Unknown	0	ALCOHOL Long.gcm
31	C2023-2695-1-B	0:Unknown	0	ALCOHOL Long.gcm
32	QC-2-1	0:Unknown	0	ALCOHOL Long.gcm
33	QC-2-1-B	0:Unknown	0	ALCOHOL Long.gcm
34	C2023-2696-1	0:Unknown	0	ALCOHOL Long.gcm
35	C2023-2696-1-B	0:Unknown	0	ALCOHOL Long.gcm
36	C2023-2696-2	0:Unknown	0	ALCOHOL Long.gcm
37	C2023-2696-2-B	0:Unknown	0	ALCOHOL Long.gcm
38	C2023-2696-3	0:Unknown	0	ALCOHOL Long.gcm
39	C2023-2696-3-B	0:Unknown	0	ALCOHOL Long.gcm
40	C2023-2706-1	0:Unknown	0	ALCOHOL Long.gcm
41	C2023-2706-1-B	0:Unknown	0	ALCOHOL Long.gcm
42	C2023-2718-1	0:Unknown	0	ALCOHOL Long.gcm
43	C2023-2718-1-B	0:Unknown	0	ALCOHOL Long.gcm
44	C2023-2723-2	0:Unknown	0	ALCOHOL Long.gcm
45	C2023-2723-2-B	0:Unknown	0	ALCOHOL Long.gcm
46	C2023-2733-1	0:Unknown	0	ALCOHOL Long.gcm
47	C2023-2733-1-B	0:Unknown	0	ALCOHOL Long.gcm
48	C2023-2742-1	0:Unknown	0	ALCOHOL Long.gcm
49	C2023-2742-1-B	0:Unknown	0	ALCOHOL Long.gcm
50	M2023-5019-1	0:Unknown	0	ALCOHOL Long.gcm
51	M2023-5019-1-B	0:Unknown	0	ALCOHOL Long.gcm
52	QC-2-2	0:Unknown	0	ALCOHOL Long.gcm
53	QC-2-2-B	0:Unknown	0	ALCOHOL Long.gcm

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Vial#	Sample Name	Sample Type	Level#	Method File
54	INT STD BLK 4	0:Unknown	0	ALCOHOL Long.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):

12/11/2023

Calibration Date: *(if different)*

Worklist #

6601

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results	
Level 1	Feb-25	2101199	0.0808	0.0727 - 0.0889	0.0804 g/100cc	
					g/100cc	
					g/100cc	
Level 2	Mar-26	2110181	0.2030	0.1827 - 0.2233	0.1968 g/100cc	
					0.1965 g/100cc	
					g/100cc	
<b>Multi-Component mixture:</b>		<b>Exp:</b>	January 31, 2026	<b>Lot #</b>	FN01212104	OK
<b>Curve Fit:</b>			<b>Column 1</b>	0.99972	<b>Column2</b>	0.99963

#### Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0529	0.0535	0.0006	0.0532
100	0.100	0.090 - 0.110	0.1006	0.1004	0.0002	0.1005
200	0.200	0.180 - 0.220	0.1954	0.1948	0.0006	0.1951
300	0.300	0.270 - 0.330			0	#DIV/0!
400	0.400	0.360 - 0.440	0.3981	0.3979	0.0002	0.398
500	0.500	0.450 - 0.550	0.5028	0.5032	0.0004	0.503

#### Aqueous Controls

Control level	Target Value	Acceptable Range	Overall Results
80	0.080	0.076 - 0.084	0.082 g/100cc

**REVIEWED**

*By Rachel Cutler at 12:10 pm, Dec 13, 2023*

Revision: 5

Issue Date: 07/05/2022

Issuing Authority: Quality Manager

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## Internal Standard Monitoring Worksheet

<b>Worklist #:</b>	<b>6601</b>	<b>Run Date(s):</b>	<b>12/11/2023</b>
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Internal Standard Solution: Lot# A014463901	Prep Date: 11/13/2023	Exp Date: 5/13/2024
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Sample Name	Column 1 Value	Column 2 Value
0.080	224365	228077
0.080	226489	230701
QC1	224675	228743
QC1	225951	230168
QC1		
QC1		
QC1		
QC1		
QC2	244292	246764
QC2	249940	252817
QC2	265791	269684
QC2	254697	258118
QC2		
QC2		

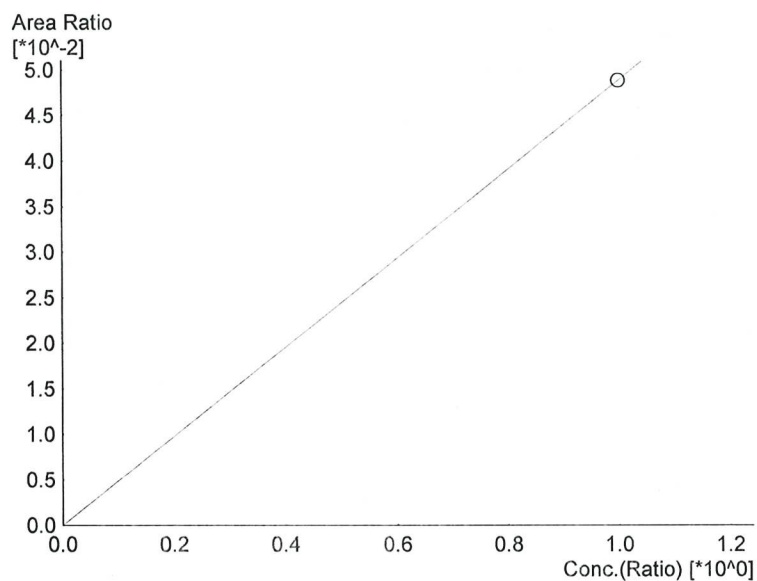
	Average	(-)20%	(+)20%
Column 1	239525.0	191620.0	287430.0
Column 2	243134.0	194507.2	291760.8

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## Calibration Table

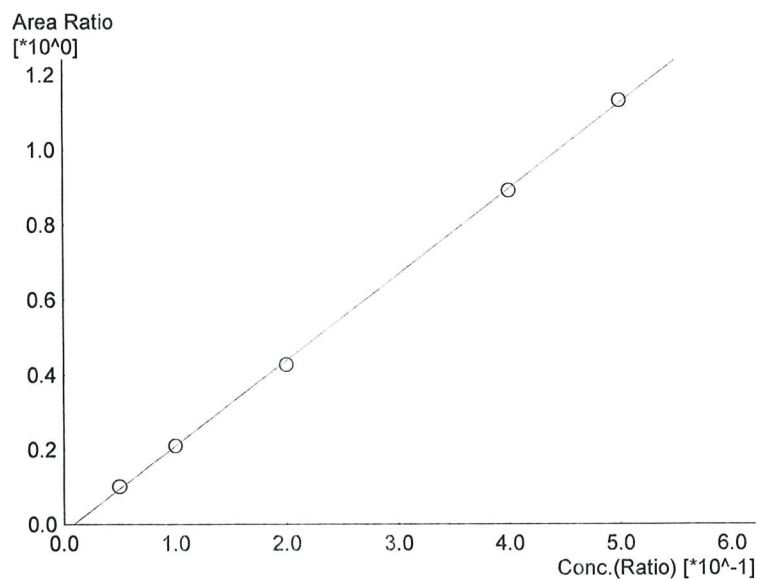
Laboratory : Coeur d' Alene  
 Instrument Name : BML8F33-Instrument1  
 Instrument Serial # : C12255850700 / C12595700181

<<Data File>>  
 Method File :Default Project - ALCOHOL Long.gcm  
 Batch File :Default Project - 12-11-23.gcb  
 Date Acquired :12/11/2023 4:18:10 PM  
 Date Created :12/11/2023 4:15:32 PM  
 Date Modified :12/11/2023 4:24:11 PM



Name : Methanol  
 Detector Name: FID1  
 Function :  $f(x)=0.0488822*x+0$   
 R<sup>2</sup> value= 1.000000  
 FitType: Linear  
 ZeroThrough: Not Through

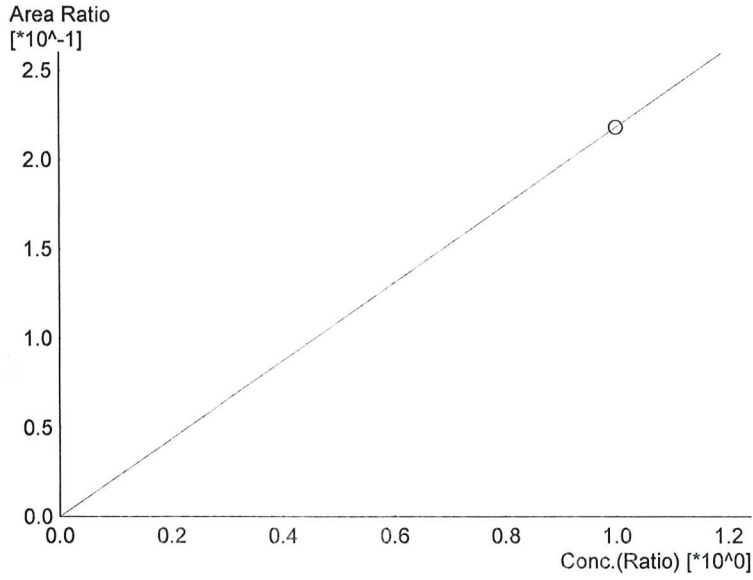
#	Conc.	Area	Std. Conc.
6	1.000	10813	1.0000



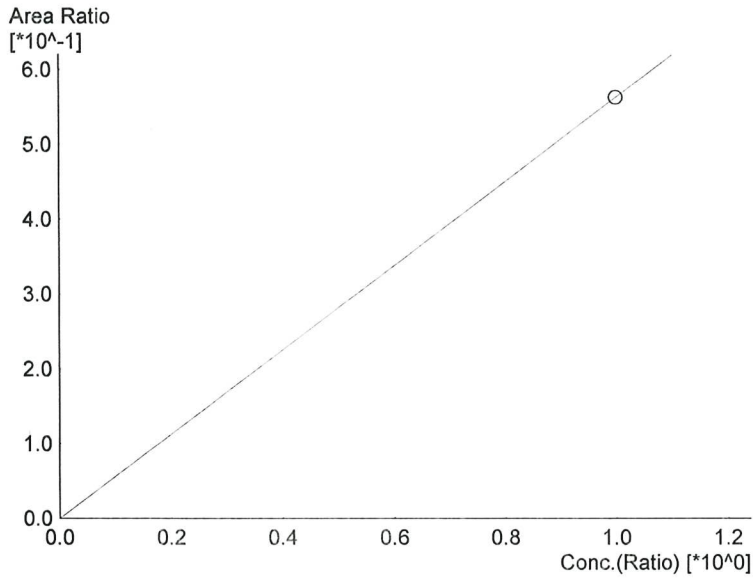
Name : Ethanol  
 Detector Name: FID1  
 Function :  $f(x)=2.29174*x-0.0202628$   
 R<sup>2</sup> value= 0.9997243  
 FitType: Linear  
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	21390	0.0529
2	0.100	44970	0.1006
3	0.200	92270	0.1954
4	0.400	191969	0.3981
5	0.500	246348	0.5028

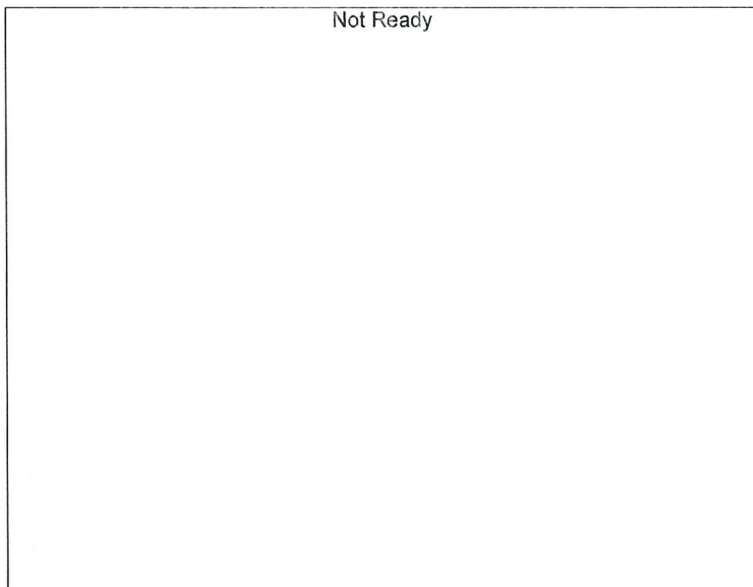
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#	Conc.	Area	Std. Conc.
6	1.000	48329	1.0000



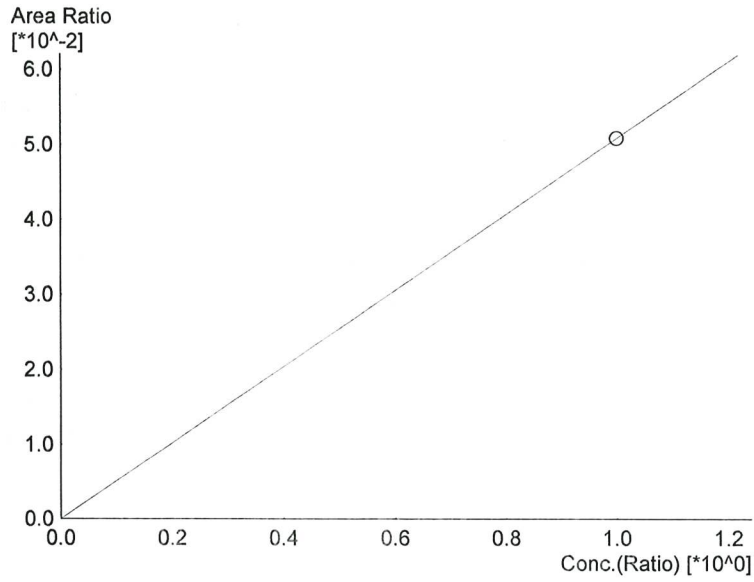
#	Conc.	Area	Std. Conc.
6	1.000	124572	1.0000



Name : Fluor. Hydrocarbon(s)  
Detector Name: FID1  
Function :  $f(x) = 0x + 0$   
R<sup>2</sup> value = 0  
FitType: Linear  
ZeroThrough: Not Through

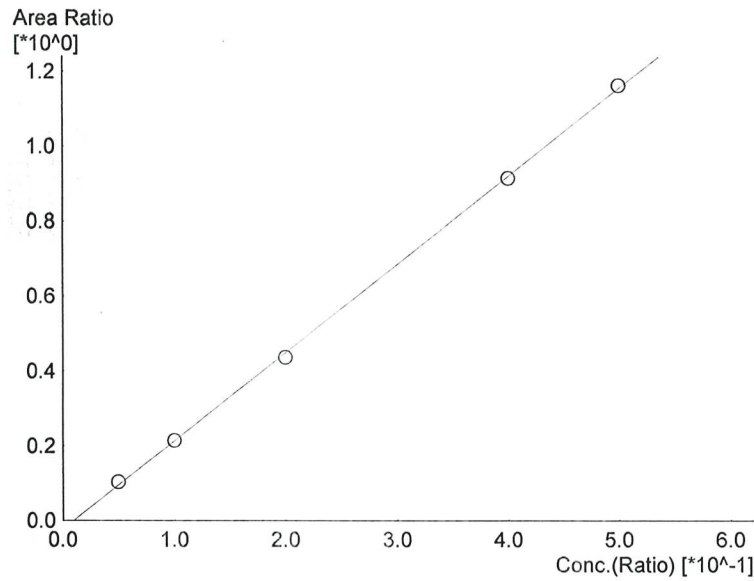
#	Conc.	Area	Std. Conc.
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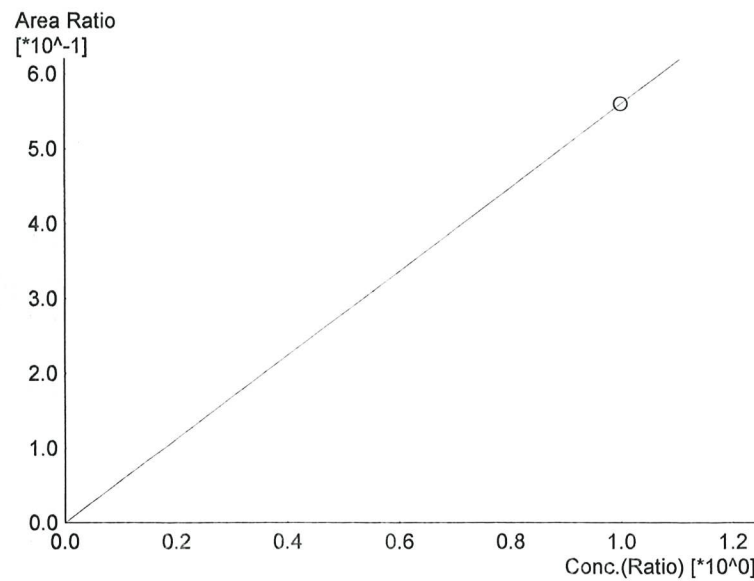
Name : Methanol  
 Detector Name: FID2  
 Function :  $f(x)=0.0508822*x+0$   
 R<sup>2</sup> value= 1.000000  
 FitType: Linear  
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	11603	1.0000



Name : Ethanol  
 Detector Name: FID2  
 Function :  $f(x)=2.35528*x-0.0223939$   
 R<sup>2</sup> value= 0.9996384  
 FitType: Linear  
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	22270	0.0535
2	0.100	46548	0.1004
3	0.200	95619	0.1948
4	0.400	200577	0.3979
5	0.500	257640	0.5032

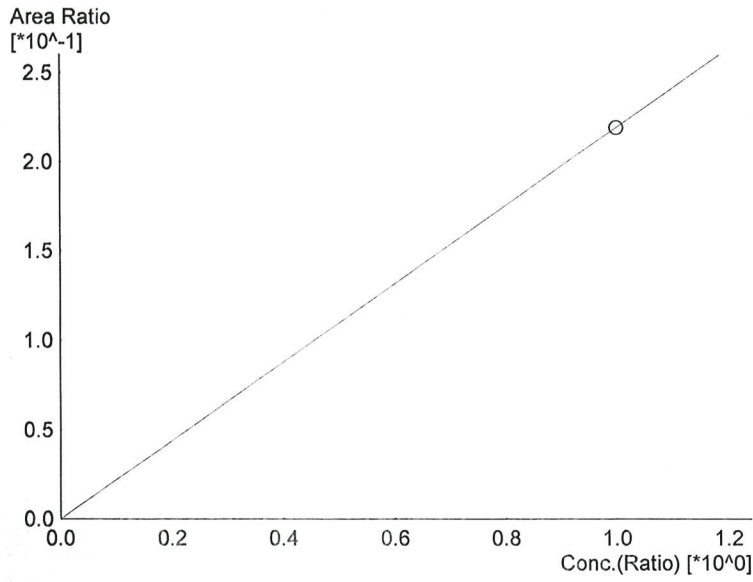


Name : Acetone  
 Detector Name: FID2  
 Function :  $f(x)=0.560536*x+0$   
 R<sup>2</sup> value= 1.000000  
 FitType: Linear  
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	127820	1.0000

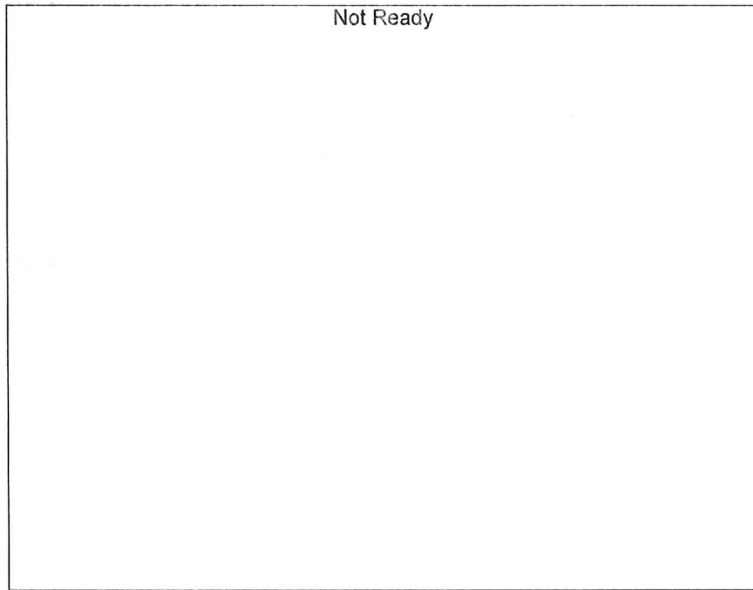


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Name : Isopropyl Alcohol  
Detector Name: FID2  
Function :  $f(x)=0.219461*x+0$   
R<sup>2</sup> value= 1.000000  
FitType: Linear  
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	50044	1.0000

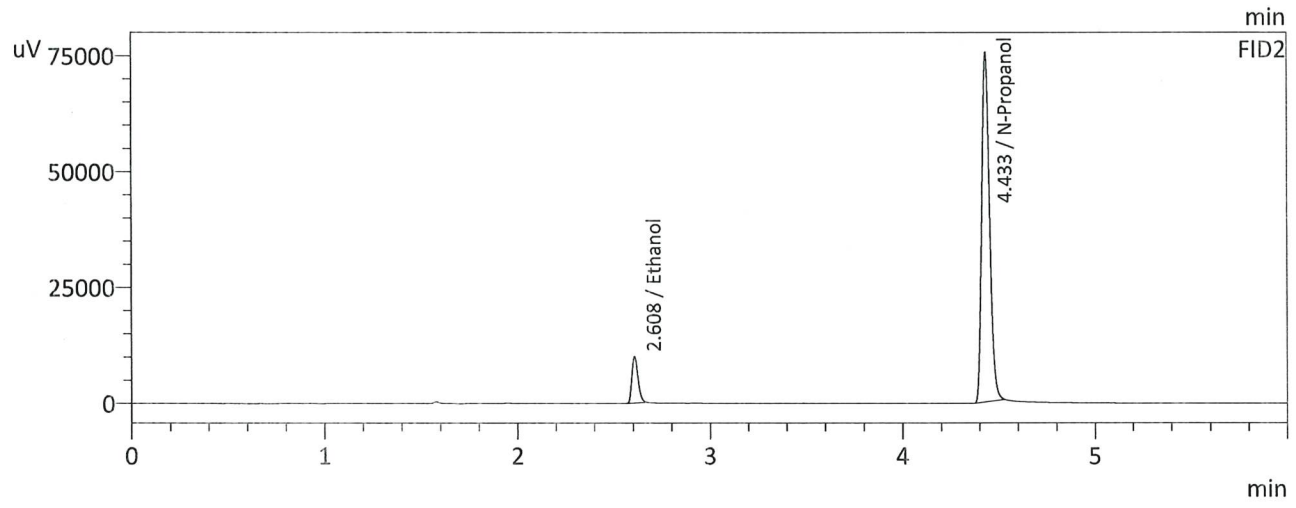
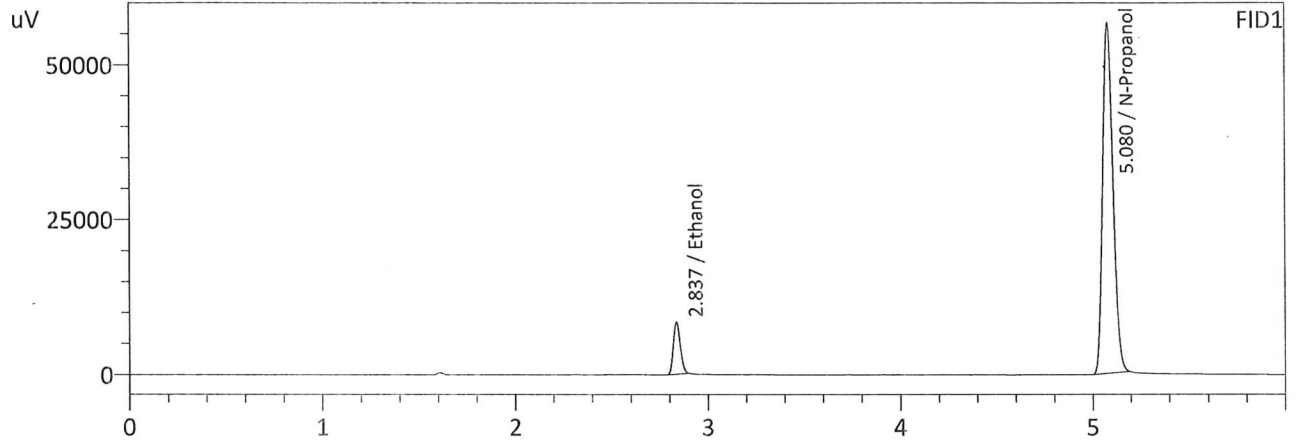


Name : Flour. Hydrocarbon(s)  
Detector Name: FID2  
Function :  $f(x)=0*x+0$   
R<sup>2</sup> value= 0  
FitType: Linear  
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
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Sample Name : 0.050  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 12/11/2023 3:39:21 PM  
 Vial # : 2  
 Method Filename : Default Project - ALCOHOL Long.gcm  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

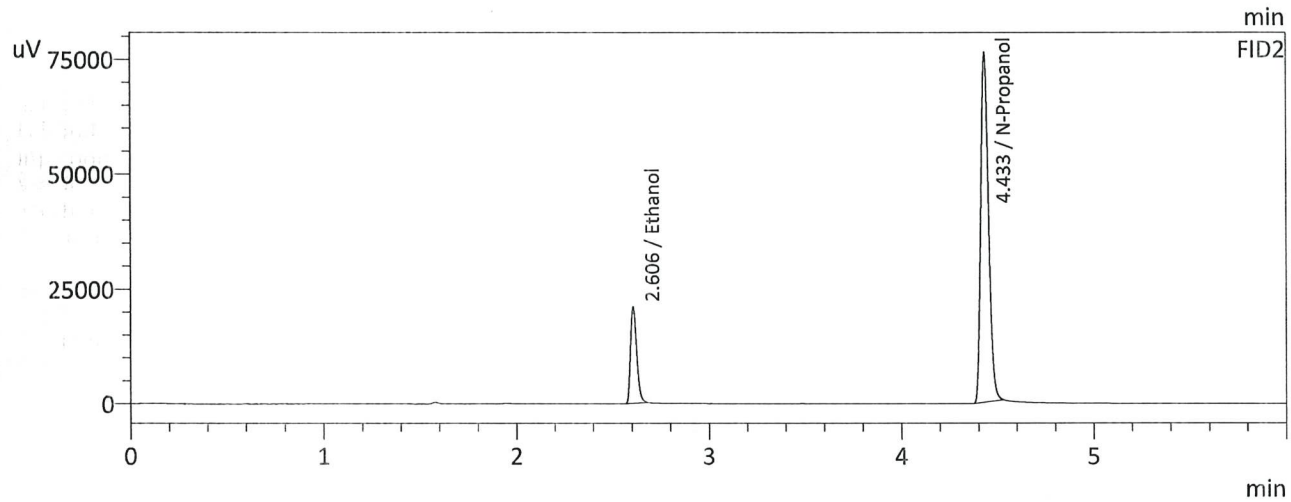
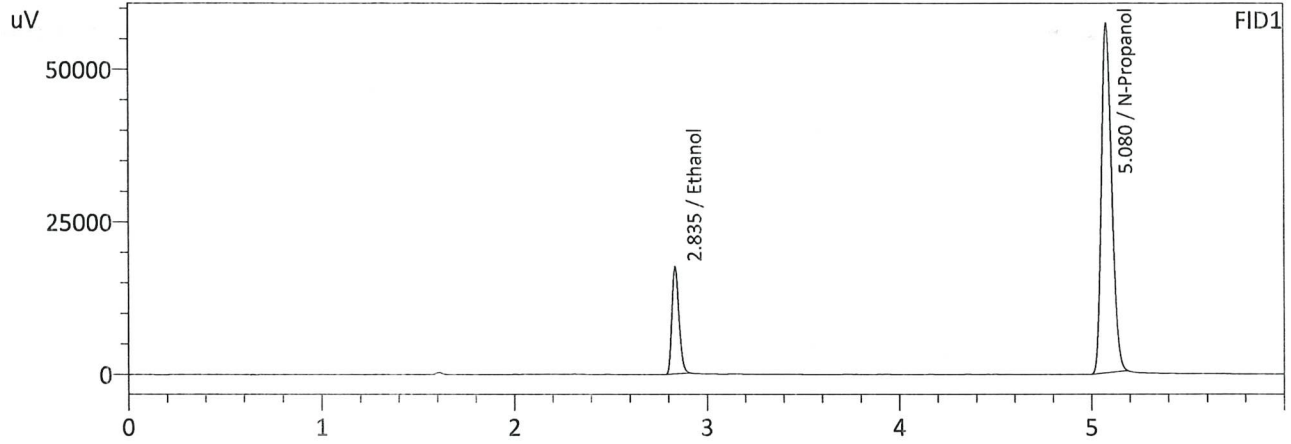
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0529	21390	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	211787	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0535	22270	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	214835	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

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Sample Name : 0.100  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 12/11/2023 3:50:04 PM  
 Vial # : 3  
 Method Filename : Default Project - ALCOHOL Long.gcm  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

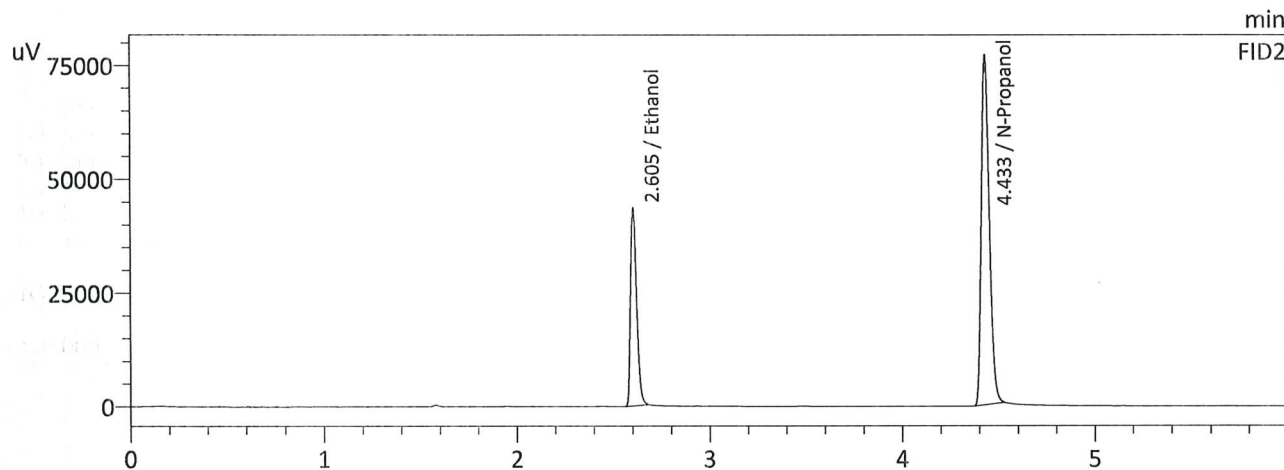
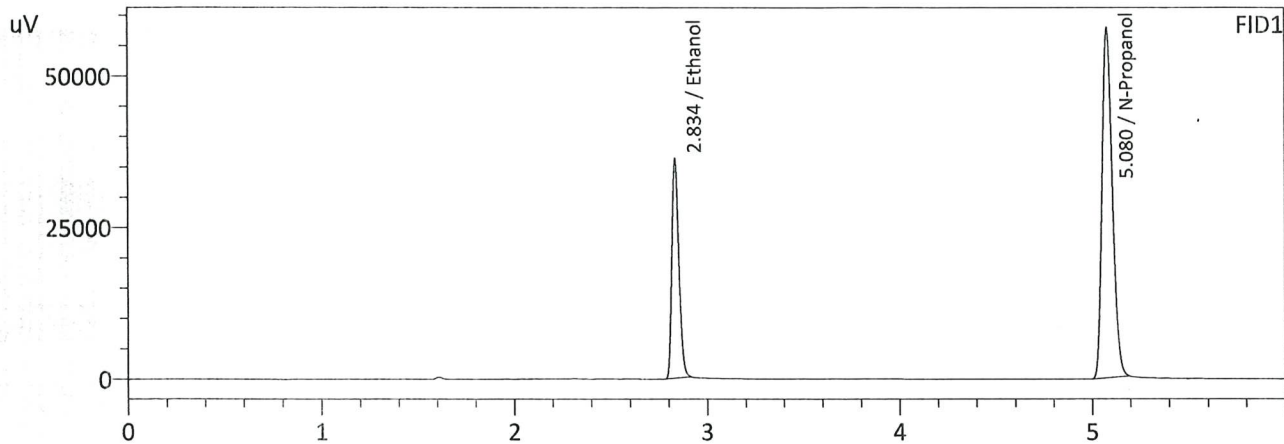
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1006	44970	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	213845	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1004	46548	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	217337	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

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Sample Name : 0.200  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 12/11/2023 3:58:44 PM  
 Vial # : 4  
 Method Filename : Default Project - ALCOHOL Long.gcm  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

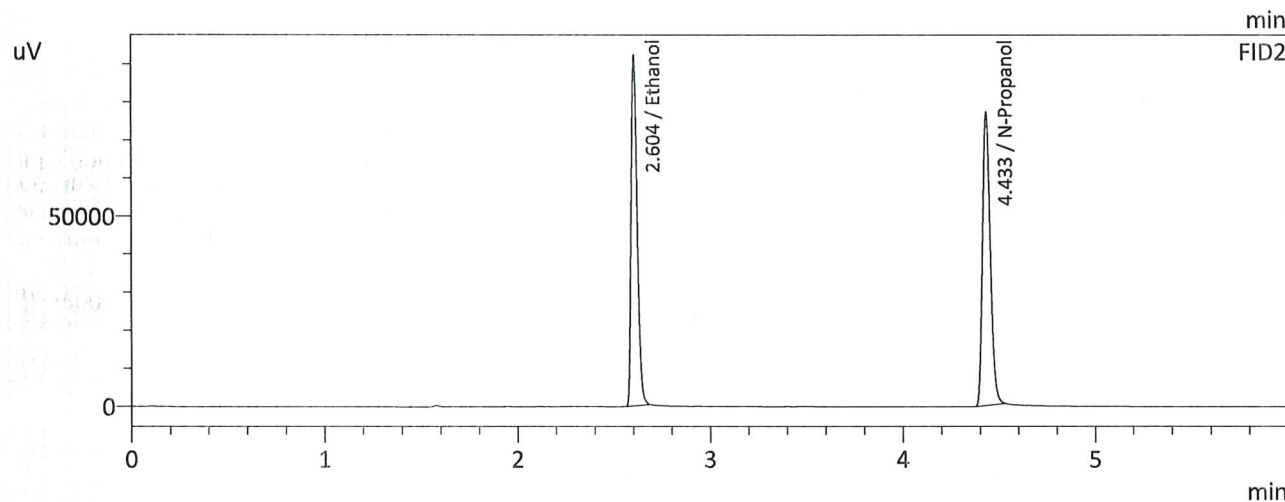
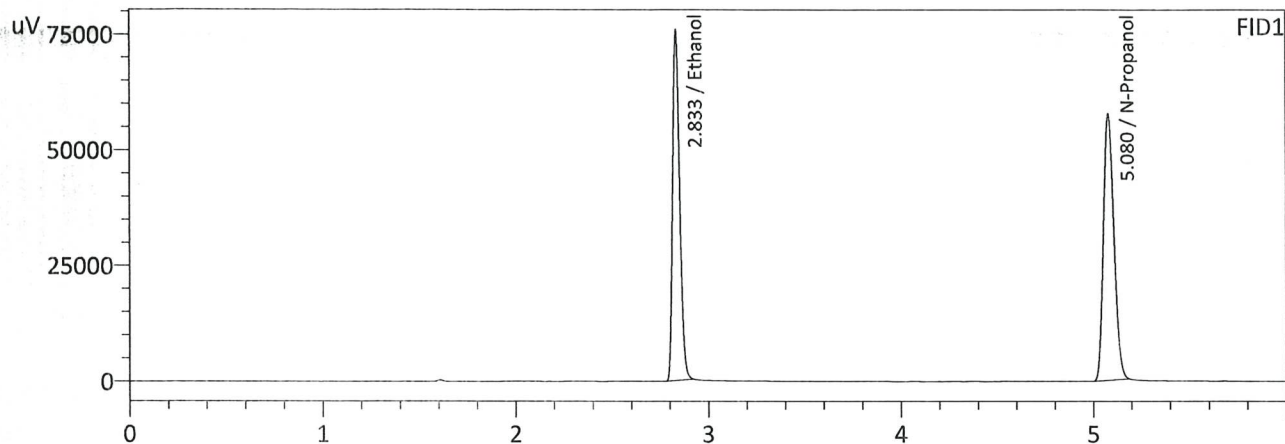
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1954	92270	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	215767	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1948	95619	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	219097	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

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Sample Name : 0.400  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 12/11/2023 4:09:29 PM  
 Vial # : 5  
 Method Filename : Default Project - ALCOHOL Long.gcm  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

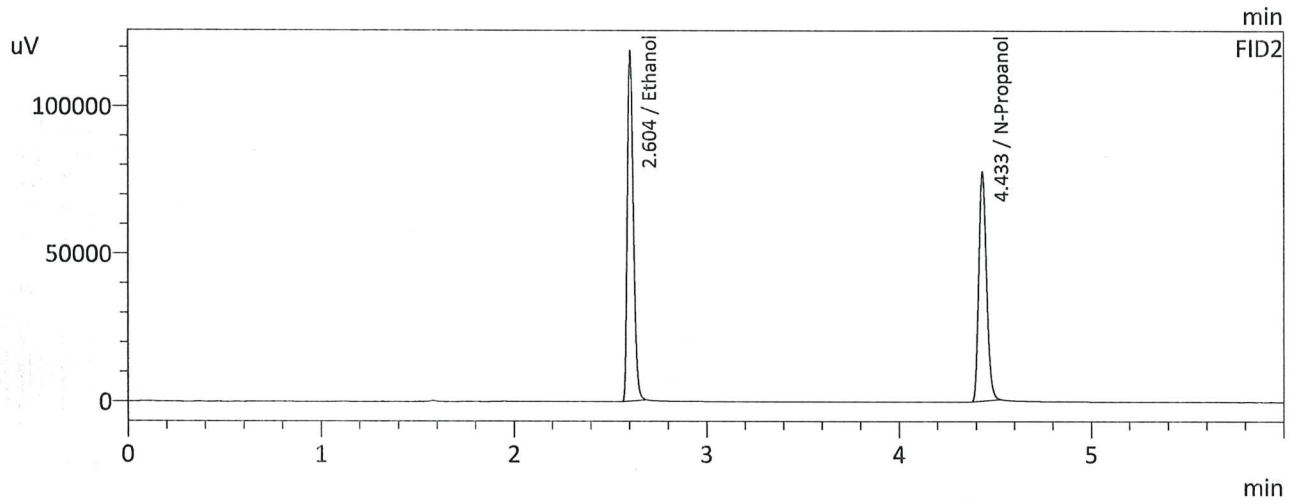
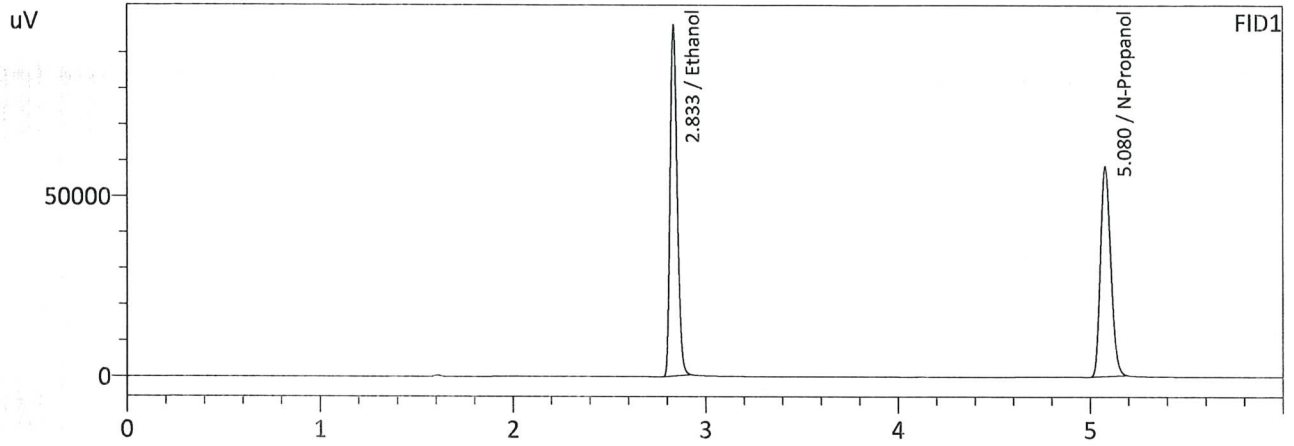
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.3981	191969	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	215161	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.3979	200577	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	219220	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

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Sample Name : 0.500  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 12/11/2023 4:18:10 PM  
 Vial # : 6  
 Method Filename : Default Project - ALCOHOL Long.gcm  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5028	246348	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	217578	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5032	257640	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	221547	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

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## VOLATILES DETERMINATION CASEFILE WORKSHEET

## VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: 0.08 QA			Analysis Date(s): 12/11/2023 5:16:21 PM(-08:00)			
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0824	0.0829	0.0005	0.0826	0.0003	0.0827
(g/100cc)	0.0827	0.0831	0.0004	0.0829		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL Long.gcm

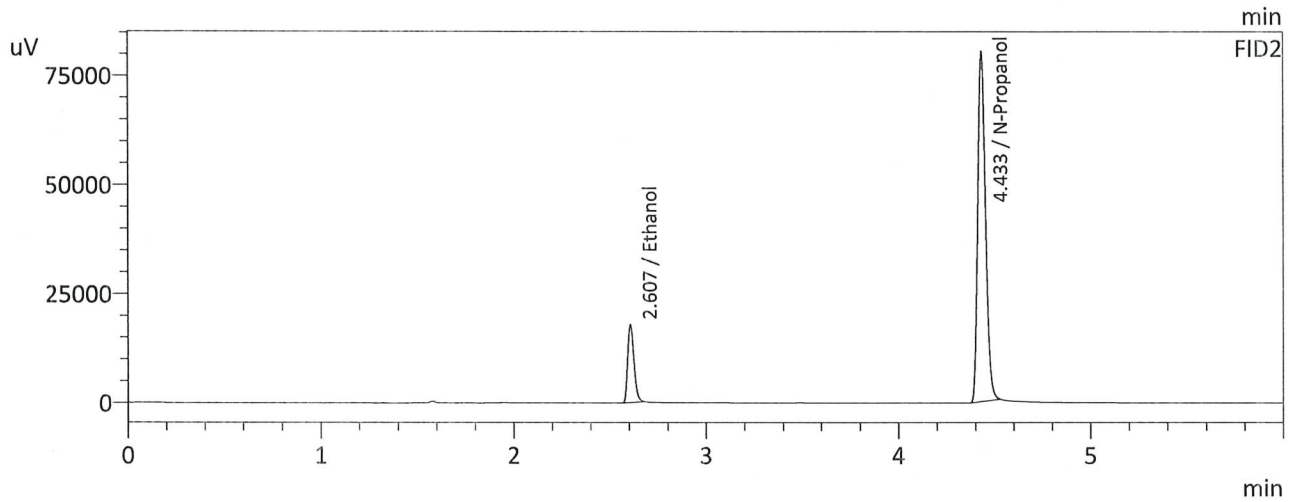
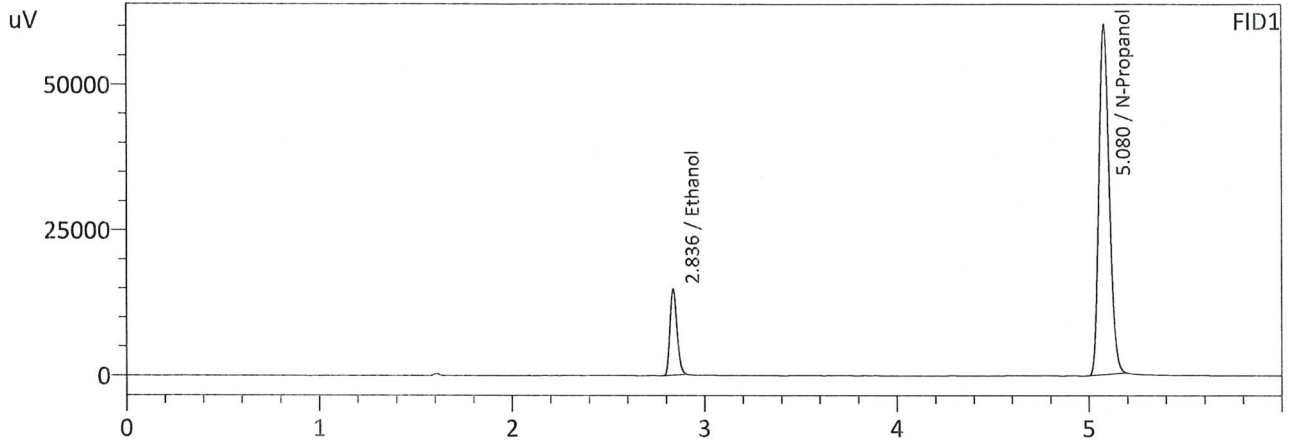
Reporting of Results	Uncertainty of Measurements (UM%):		5.00%
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.082	0.077	0.087	0.005

	Reported Results	
	0.082	

Calibration and control data are stored centrally.

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Sample Name : 0.08 QA  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 12/11/2023 5:16:21 PM  
 Vial # : 12  
 Method Filename : Default Project - ALCOHOL Long.gcm  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0824	37853	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	224365	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

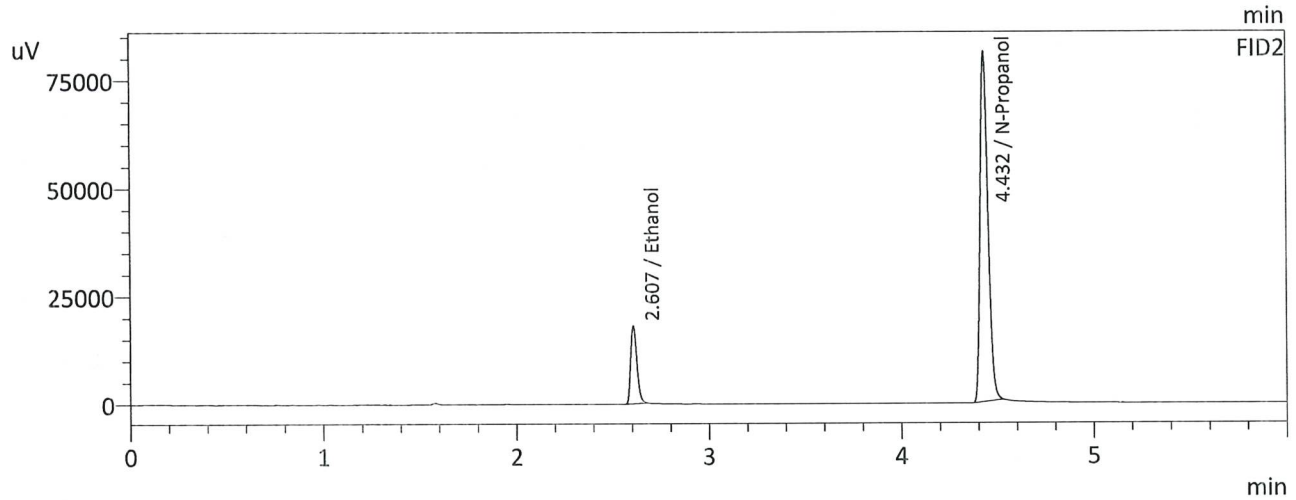
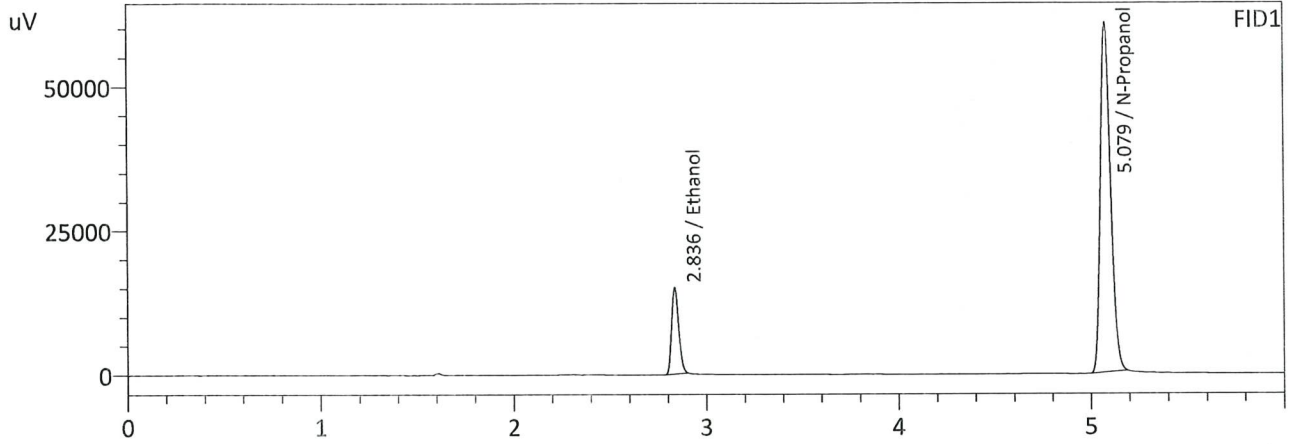
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0829	39469	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	228077	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc



99

Sample Name : 0.08 QA - B  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 12/11/2023 5:27:04 PM  
 Vial # : 13  
 Method Filename : Default Project - ALCOHOL Long.gcm  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0827	38349	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	226489	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0831	39993	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	230701	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-1-1		Analysis Date(s): 12/11/2023 4:56:56 PM(-08:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0803	0.0806	0.0003	0.0804	0.0001	0.0804
(g/100cc)	0.0804	0.0806	0.0002	0.0805		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL Long.gcm

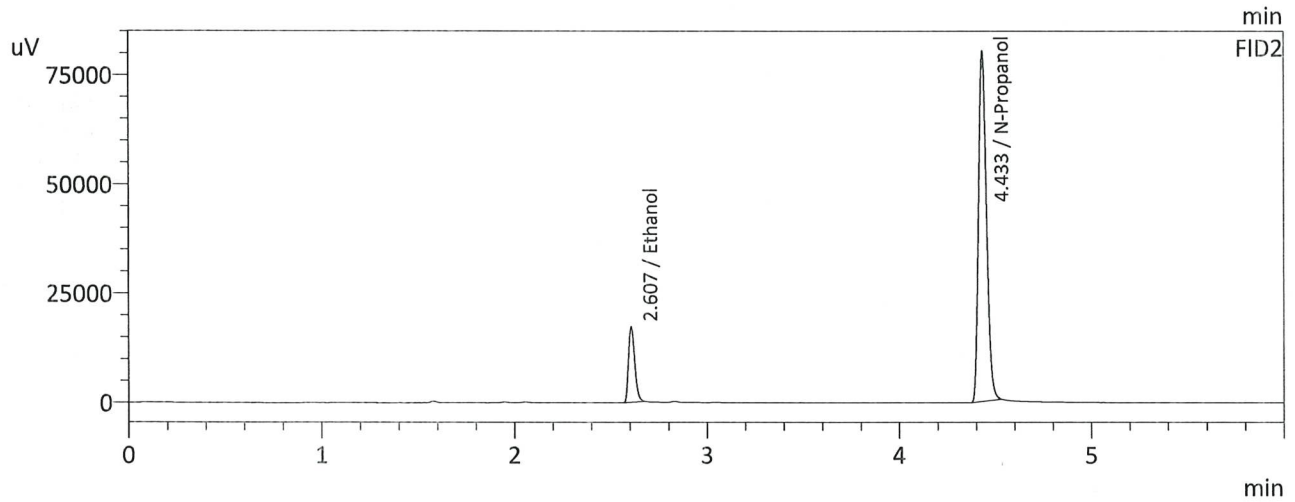
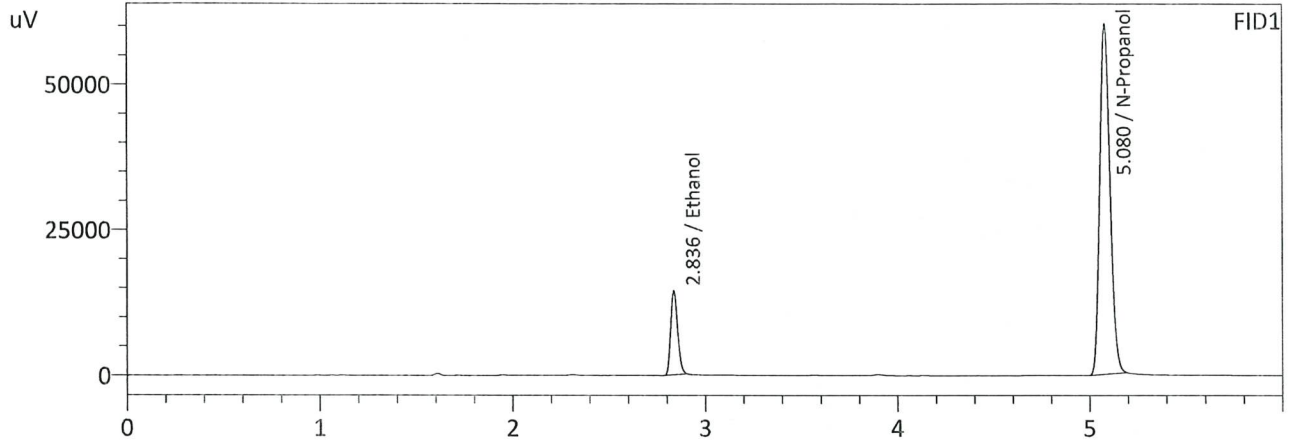
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.080	0.076	0.084	0.004

	Reported Results	
	0.080	

Calibration and control data are stored centrally.

99

Sample Name : QC-1-1  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 12/11/2023 4:56:56 PM  
 Vial # : 10  
 Method Filename : Default Project - ALCOHOL Long.gcm  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

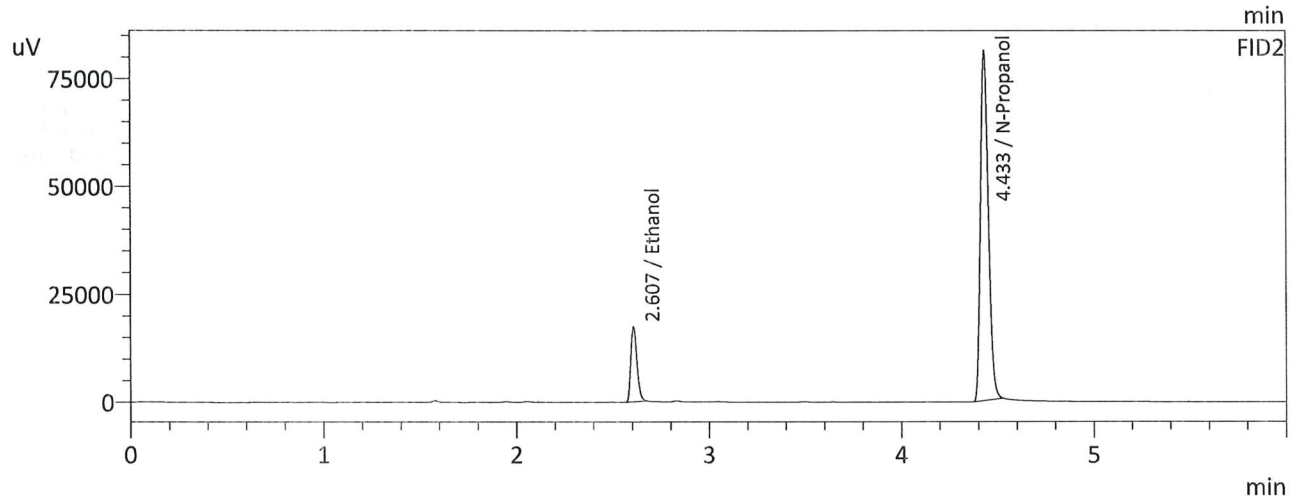
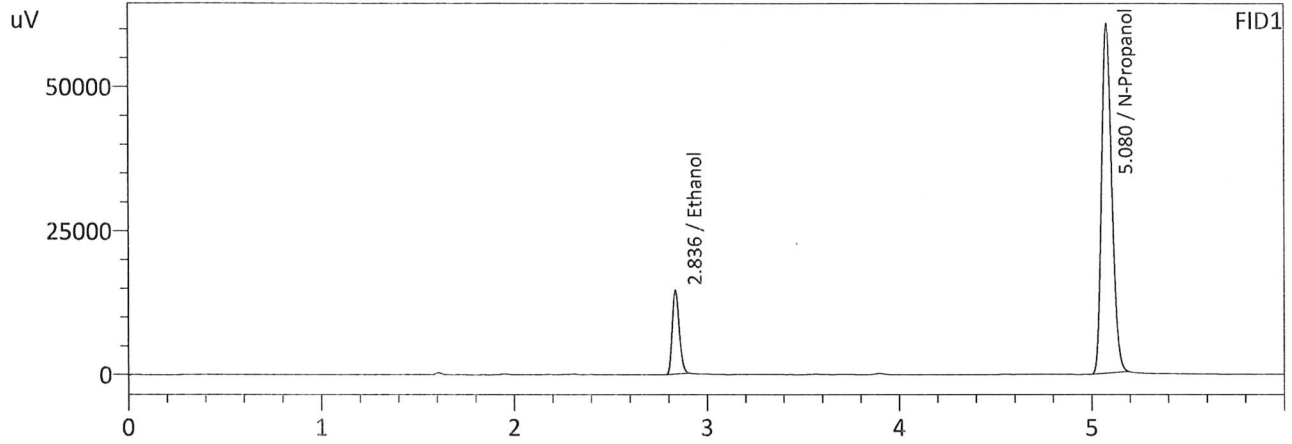
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0803	36830	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	224675	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0806	38336	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	228743	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-1-1-B  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 12/11/2023 5:07:41 PM  
 Vial # : 11  
 Method Filename : Default Project - ALCOHOL Long.gcm  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0804	37063	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	225951	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0806	38588	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	230168	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

## VOLATILES DETERMINATION CASEFILE WORKSHEET

## VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-1		Analysis Date(s): 12/11/2023 8:30:23 PM(-08:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.1971	0.1964	0.0007	0.1967	0.0002	0.1968
(g/100cc)	0.1973	0.1965	0.0008	0.1969		

## Analysis Method

Refer to Blood Alcohol Method #1

## Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL Long.gcm

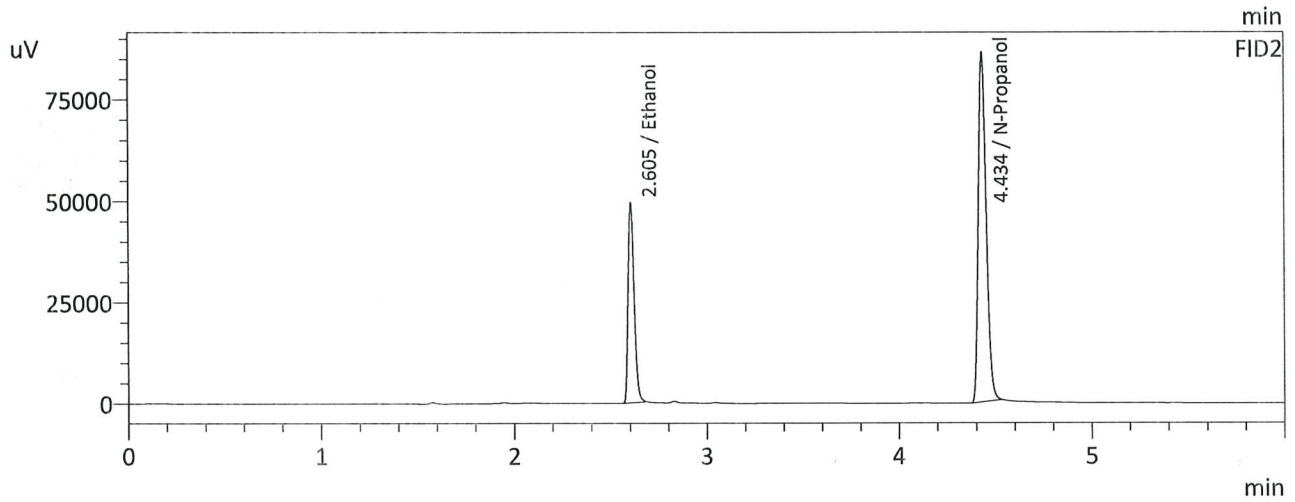
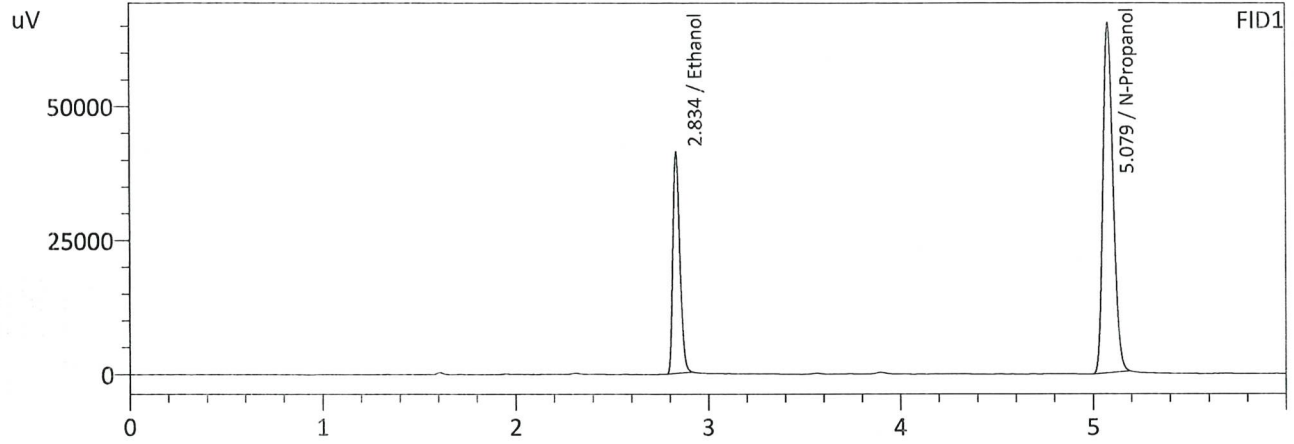
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.196	0.186	0.206	0.010

	Reported Results	
	0.196	

Calibration and control data are stored centrally.

99

Sample Name : QC-2-1  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 12/11/2023 8:30:23 PM  
 Vial # : 32  
 Method Filename : Default Project - ALCOHOL Long.gcm  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

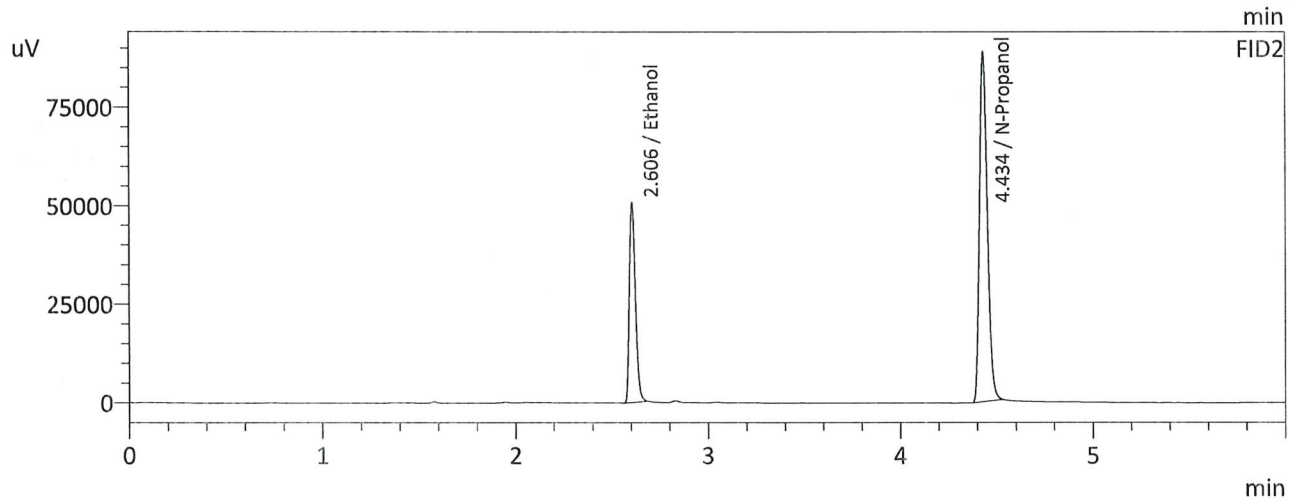
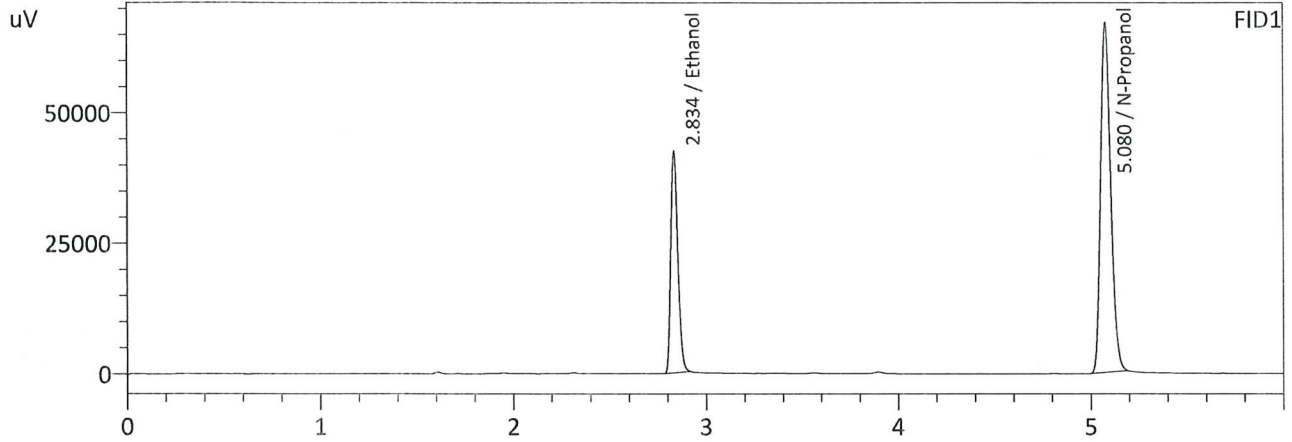
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1971	105432	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	244292	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1964	108639	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	246764	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-2-1-B  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 12/11/2023 8:41:09 PM  
 Vial # : 33  
 Method Filename : Default Project - ALCOHOL Long.gcm  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1973	107996	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	249940	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1965	111392	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	252817	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

## VOLATILES DETERMINATION CASEFILE WORKSHEET

## VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-2		Analysis Date(s): 12/11/2023 11:44:37 PM(-08:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.1980	0.1965	0.0015	0.1972	0.0015	0.1965
(g/100cc)	0.1965	0.1950	0.0015	0.1957		

## Analysis Method

Refer to Blood Alcohol Method #1

## Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL Long.gcm

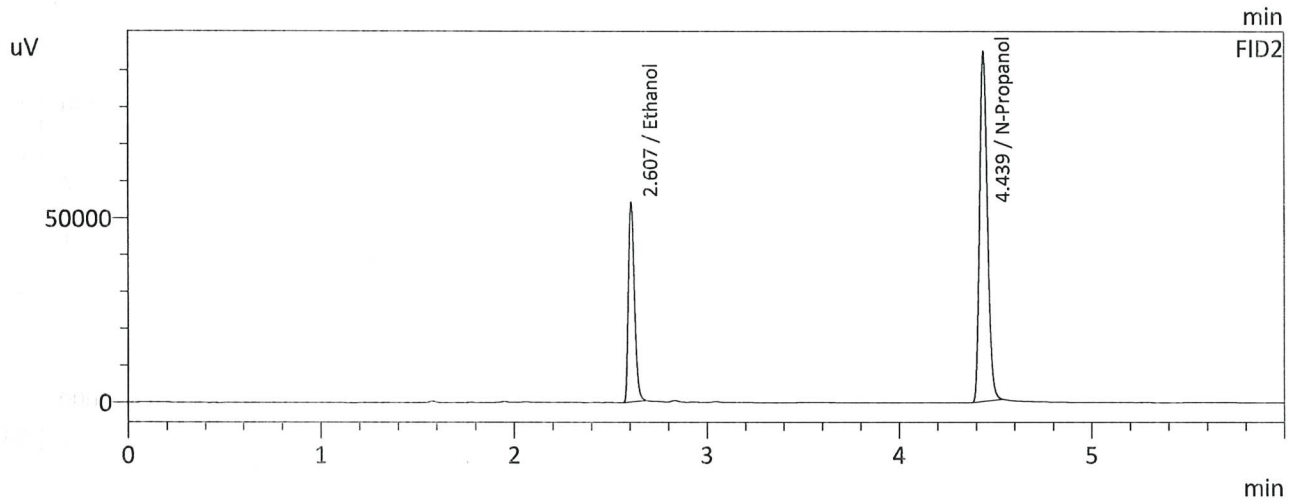
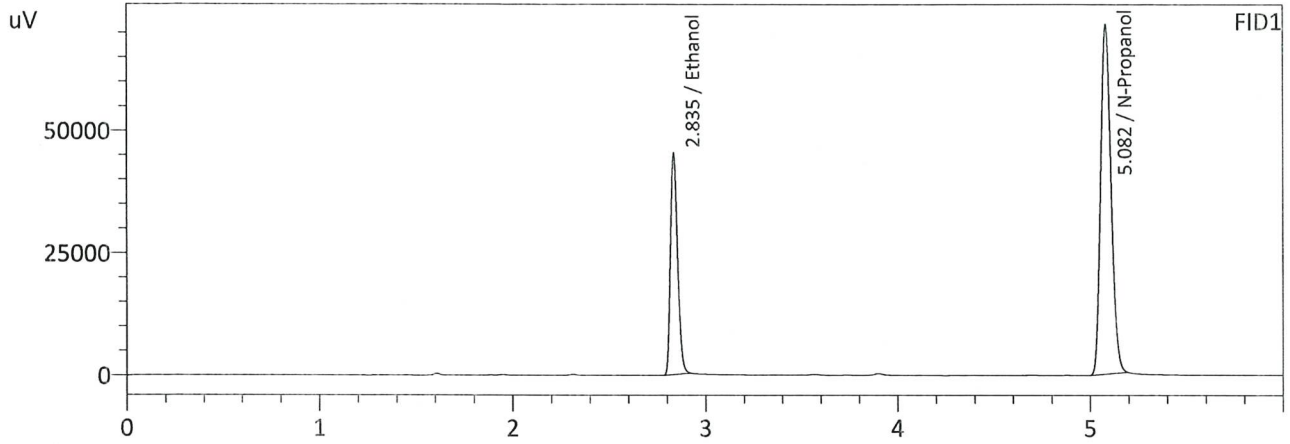
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.196	0.186	0.206	0.010
	Reported Results		
	0.196		

Calibration and control data are stored centrally.



99

Sample Name : QC-2-2  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 12/11/2023 11:44:37 PM  
 Vial # : 52  
 Method Filename : Default Project - ALCOHOL Long.gcm  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

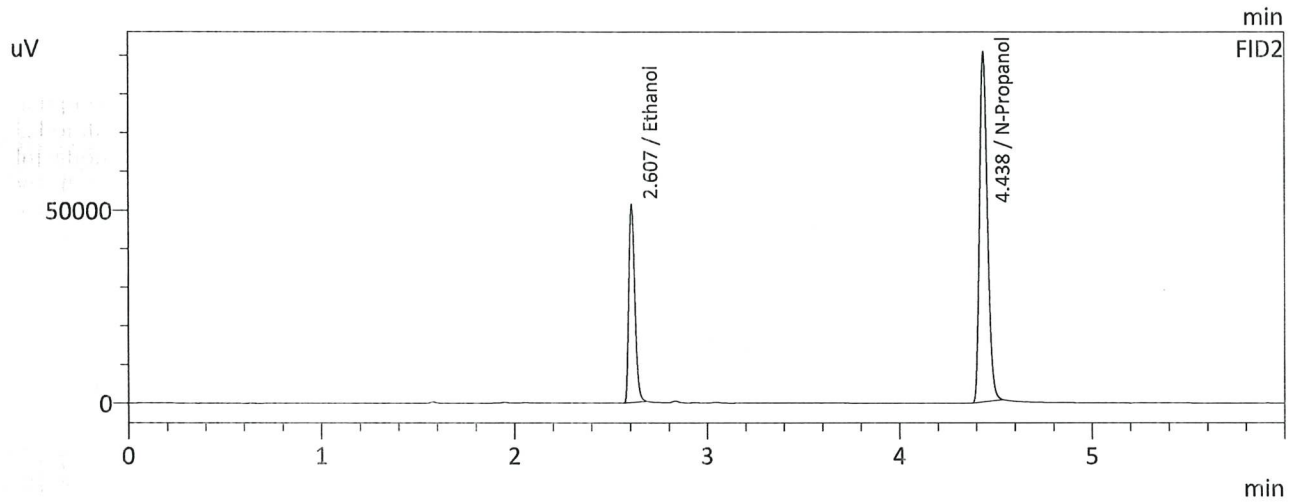
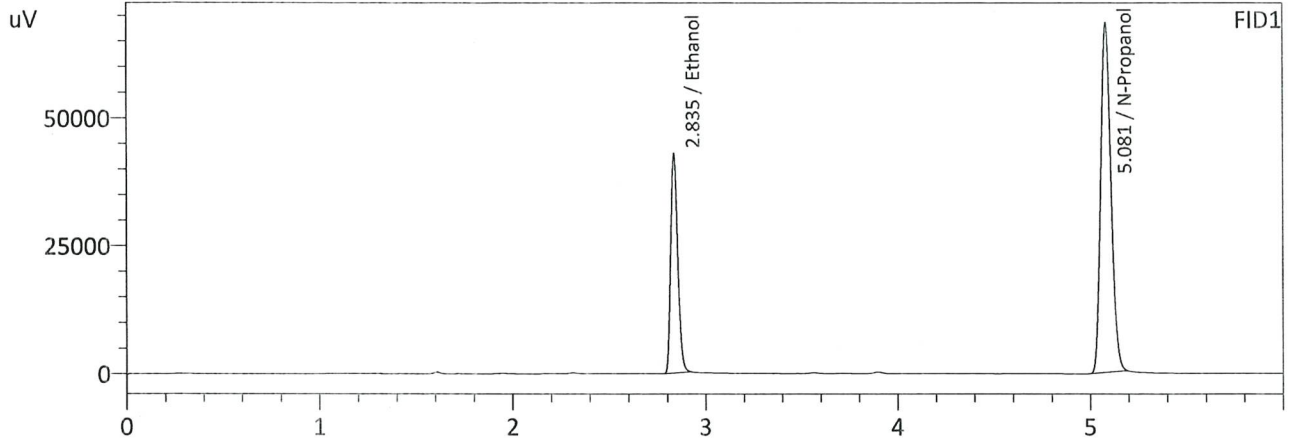
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1980	115241	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	265791	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1965	118777	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	269684	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-2-2-B  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 12/11/2023 11:55:21 PM  
 Vial # : 53  
 Method Filename : Default Project - ALCOHOL Long.gcm  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

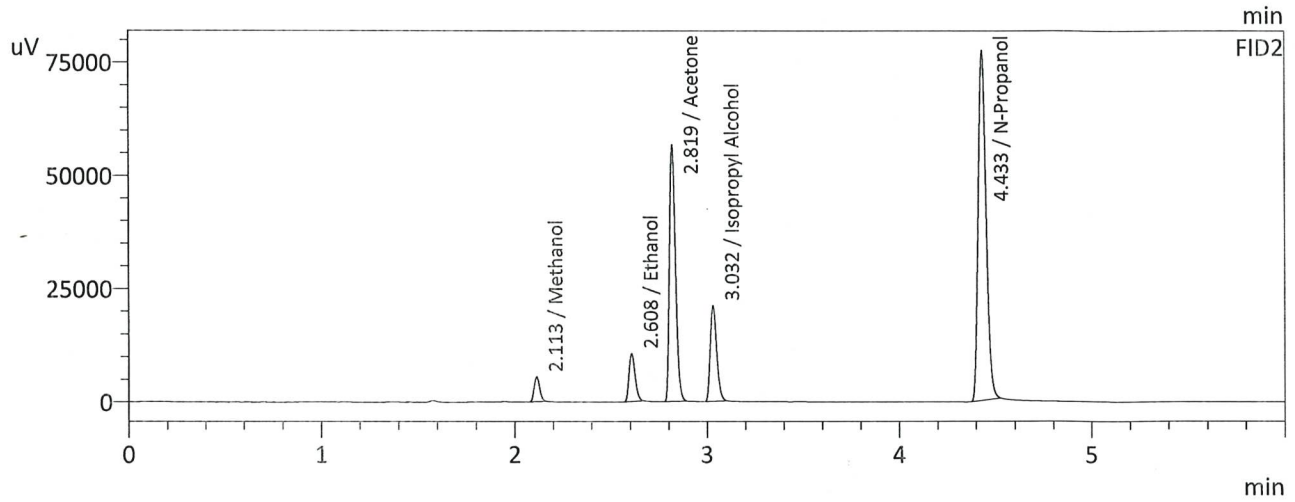
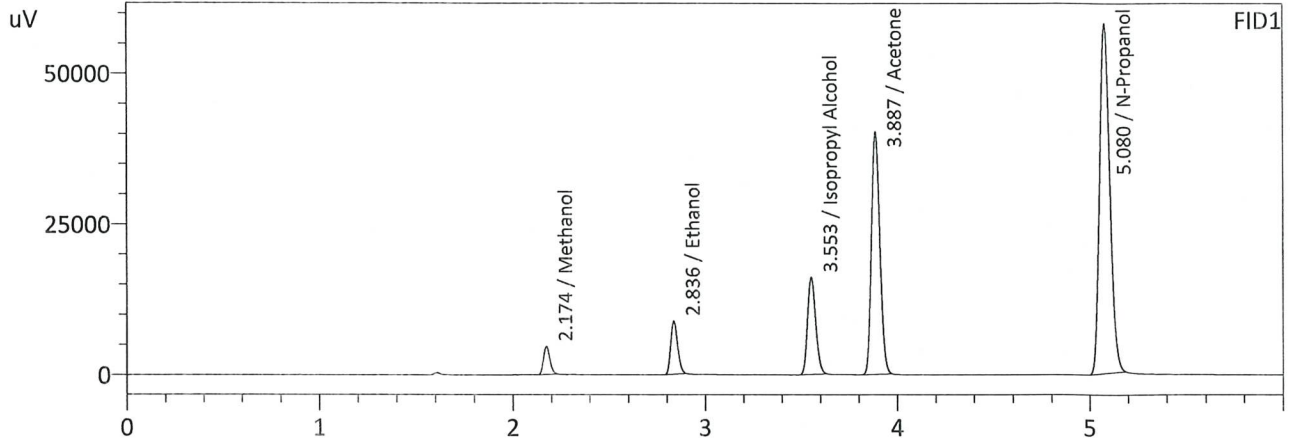
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1965	109584	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	254697	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1950	112788	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	258118	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : MULTI-COMP MIX  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 12/11/2023 4:37:32 PM  
 Vial # : 8  
 Method Filename : Default Project - ALCOHOL Long.gcm  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

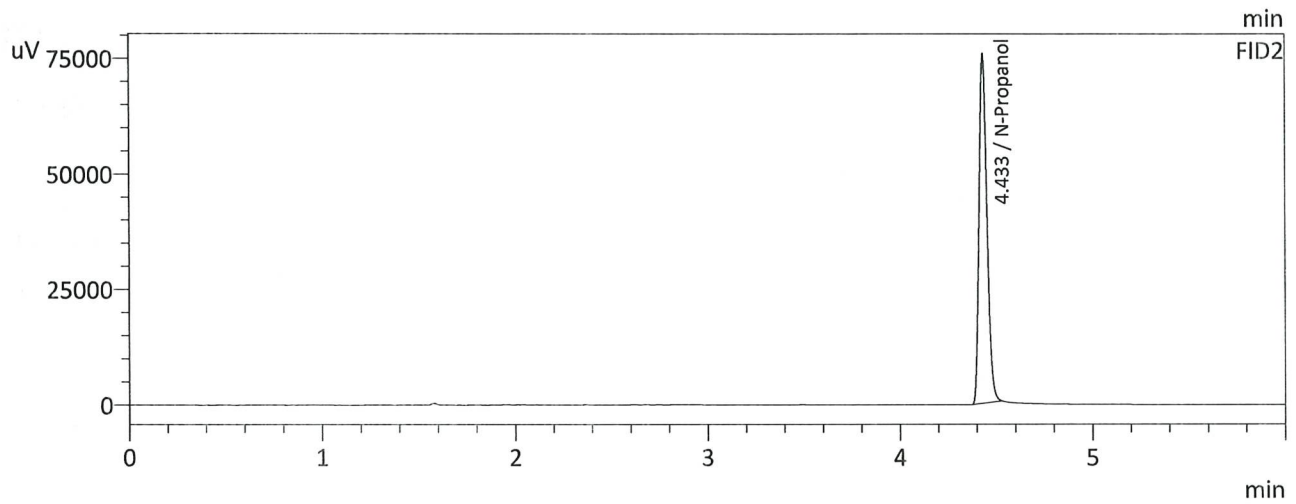
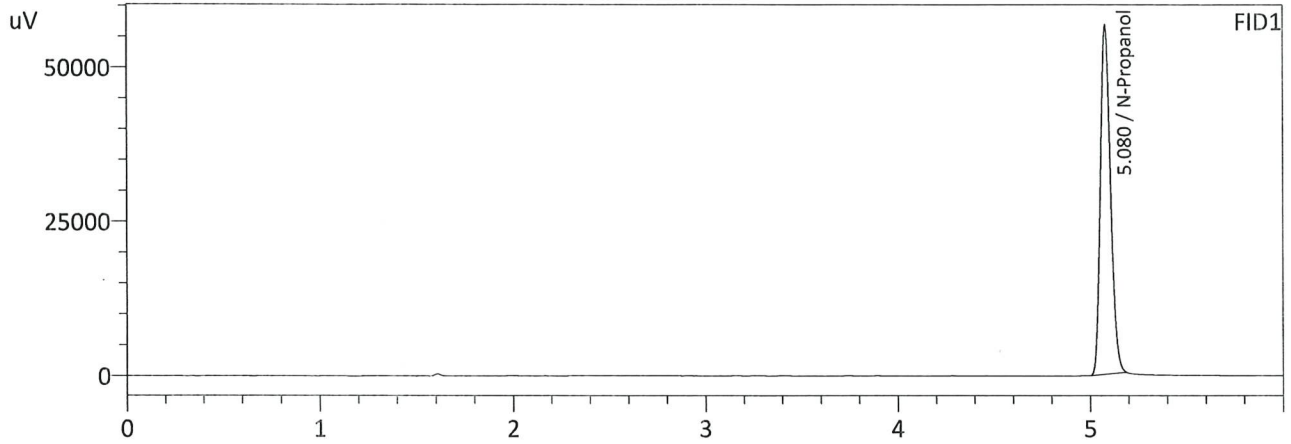
Name	Conc.	Area	Unit
Methanol	1.0000	10643	g/100cc
Ethanol	0.0539	22410	g/100cc
Isopropyl Alcohol	1.0000	48377	g/100cc
Acetone	1.0000	123341	g/100cc
N-Propanol	0.0000	216806	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	1.0000	11175	g/100cc
Ethanol	0.0545	23422	g/100cc
Acetone	1.0000	126168	g/100cc
Isopropyl Alcohol	1.0000	49556	g/100cc
N-Propanol	0.0000	220581	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 1  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 12/11/2023 3:30:40 PM  
 Vial # : 1  
 Method Filename : Default Project - ALCOHOL Long.gcm  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

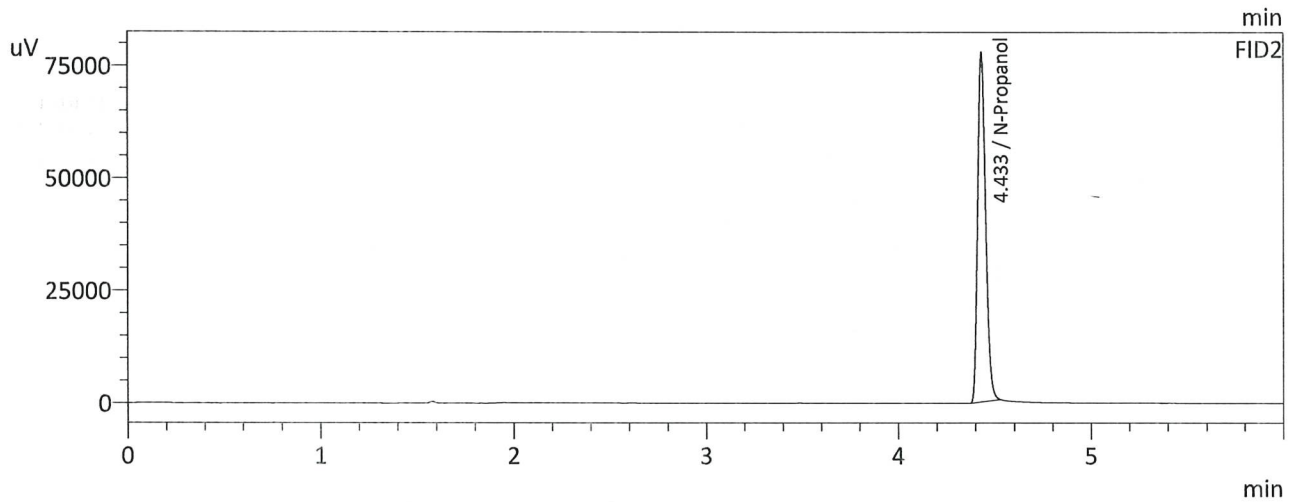
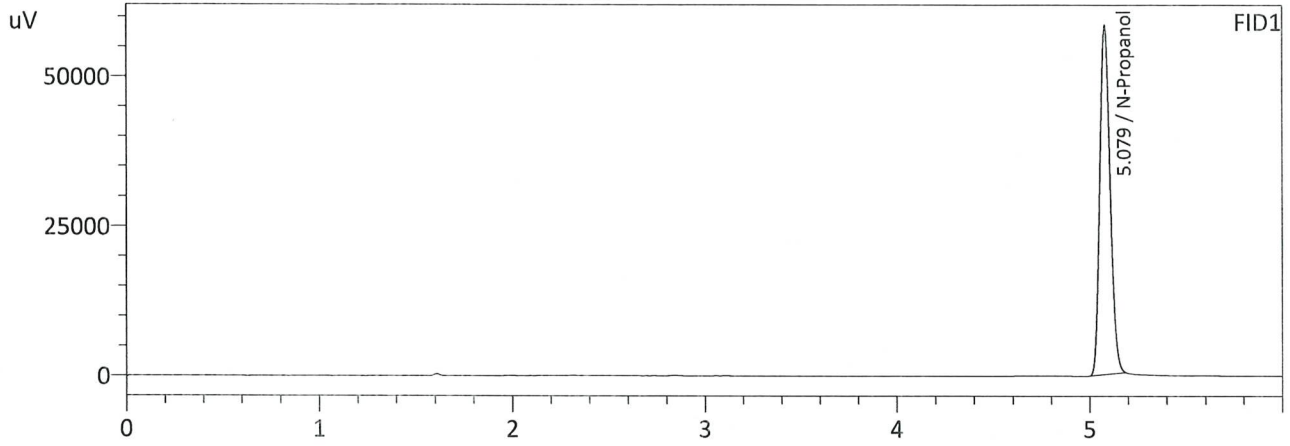
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	211303	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	214923	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 2  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 12/11/2023 4:28:52 PM  
 Vial # : 7  
 Method Filename : Default Project - ALCOHOL Long.gcm  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

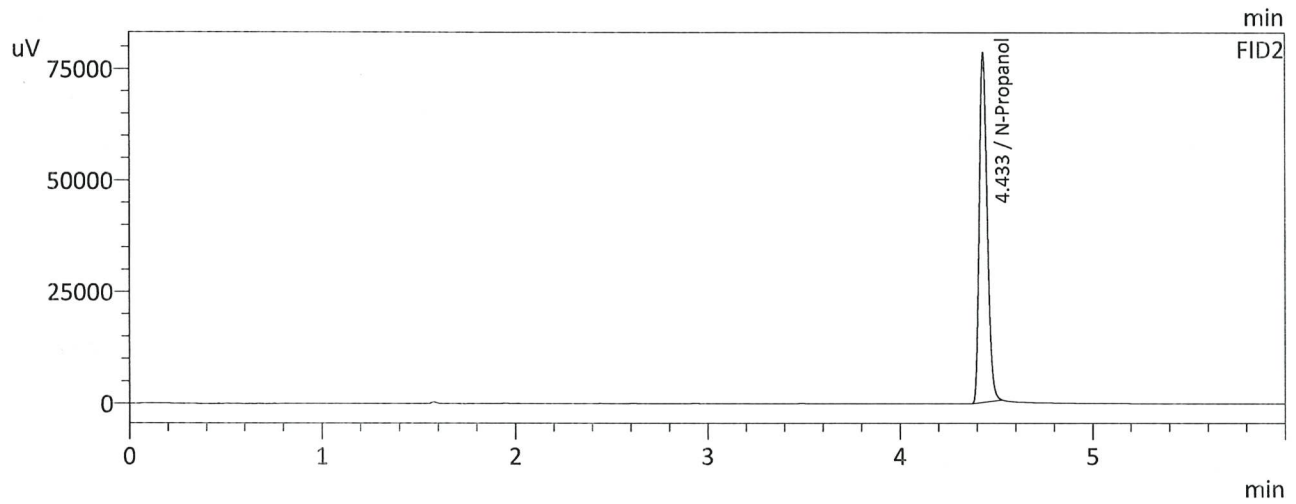
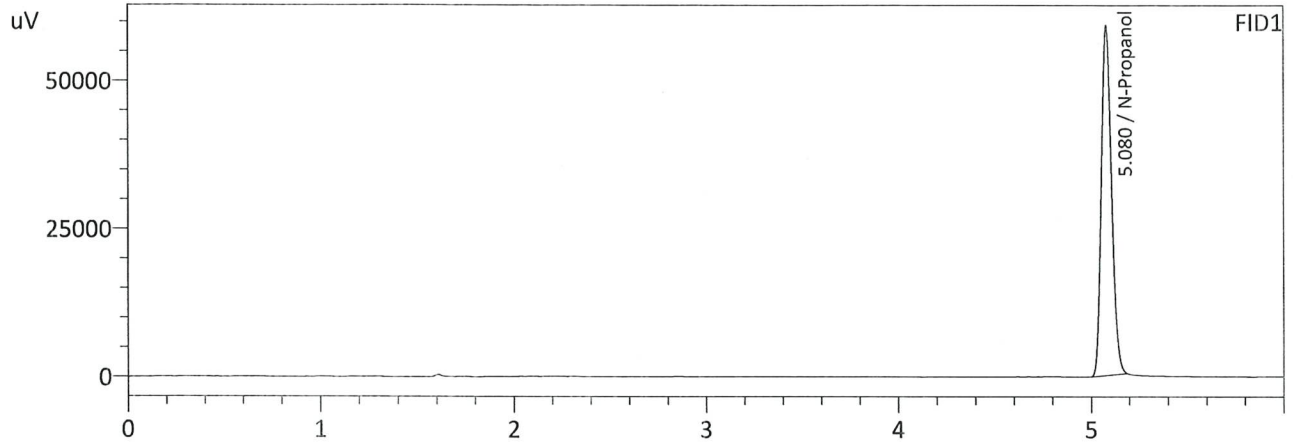
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	217625	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	221486	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 3  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 12/11/2023 4:48:16 PM  
 Vial # : 9  
 Method Filename : Default Project - ALCOHOL Long.gcm  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

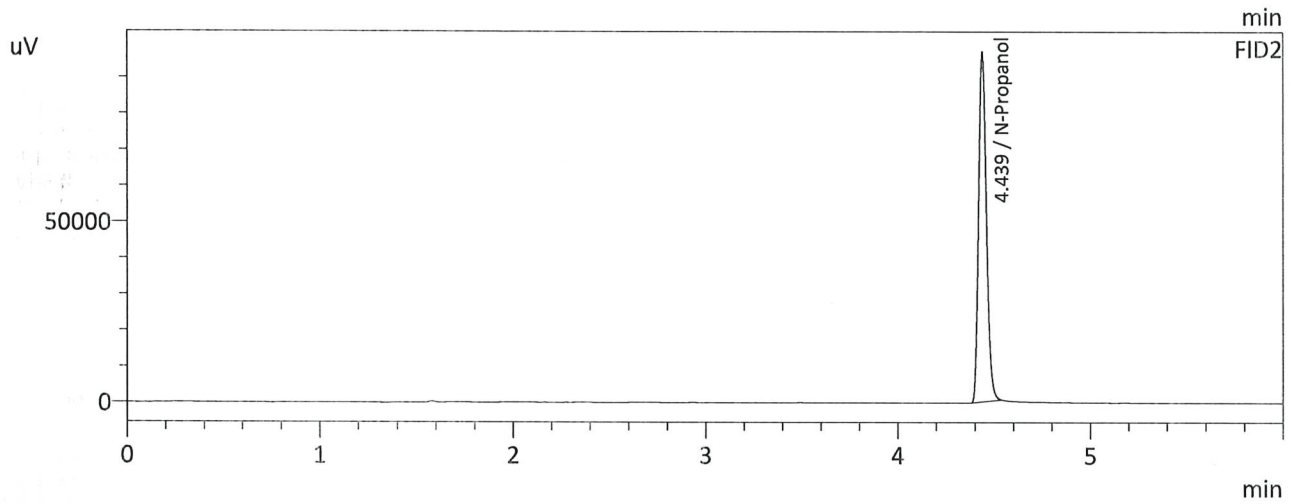
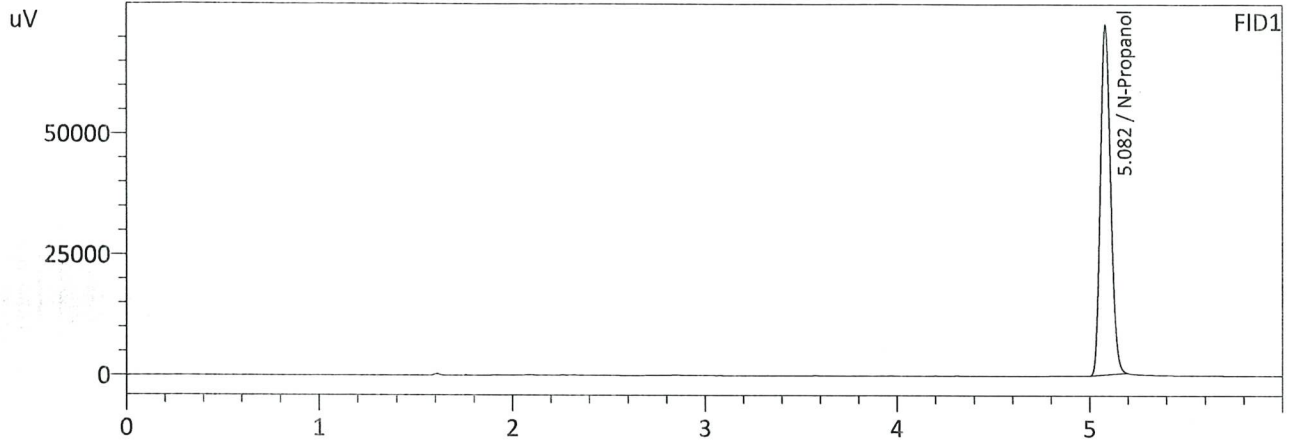
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	219734	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	223660	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 4  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 12/12/2023 12:03:53 AM  
 Vial # : 54  
 Method Filename : Default Project - ALCOHOL Long.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	270324	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	273711	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc