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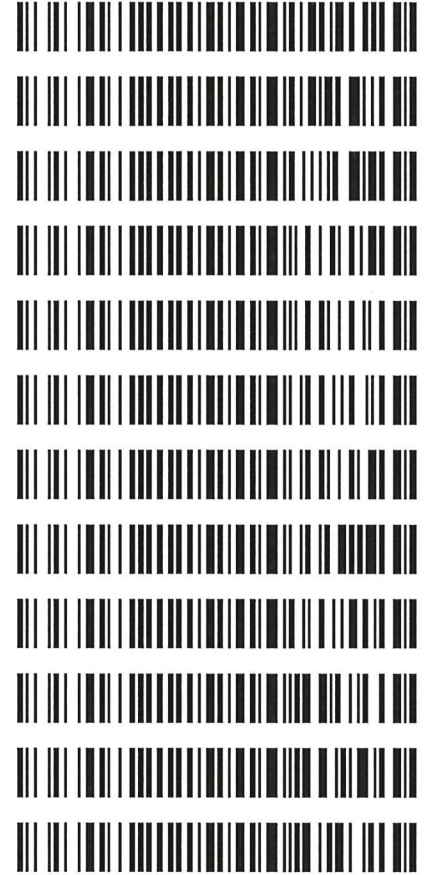
REVIEWED

By Galina Giso at 1:41 pm, Aug 31, 2023

8/30/2023

Worklist: 6484

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
C2023-1900	1	BCK	Alcohol Analysis
C2023-1906	1	UCK	Alcohol Analysis
C2023-1945	1	BCK	Alcohol Analysis
C2023-1949	1	BCK	Alcohol Analysis
C2023-1950	1	BCK	Alcohol Analysis
C2023-1956	1	BCK	Alcohol Analysis
C2023-1958	1	TOXVH	Alcohol Analysis
C2023-1960	1	BCK	Alcohol Analysis
C2023-2002	1	BCK	Alcohol Analysis
C2023-2015	1	BCK	Alcohol Analysis
C2023-2016	1	BCK	Alcohol Analysis
C2023-2017	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
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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	C2023-1900-1	0:Unknown	0	ALCOHOL Long.gcm
15	C2023-1900-1-B	0:Unknown	0	ALCOHOL Long.gcm
16	C2023-1945-1	0:Unknown	0	ALCOHOL Long.gcm
17	C2023-1945-1-B	0:Unknown	0	ALCOHOL Long.gcm
18	C2023-1949-1	0:Unknown	0	ALCOHOL Long.gcm
19	C2023-1949-1-B	0:Unknown	0	ALCOHOL Long.gcm
20	C2023-1950-1	0:Unknown	0	ALCOHOL Long.gcm
21	C2023-1950-1-B	0:Unknown	0	ALCOHOL Long.gcm
22	C2023-1956-1	0:Unknown	0	ALCOHOL Long.gcm
23	C2023-1956-1-B	0:Unknown	0	ALCOHOL Long.gcm
24	C2023-1960-1	0:Unknown	0	ALCOHOL Long.gcm
25	C2023-1960-1-B	0:Unknown	0	ALCOHOL Long.gcm
26	C2023-2002-1	0:Unknown	0	ALCOHOL Long.gcm
27	C2023-2002-1-B	0:Unknown	0	ALCOHOL Long.gcm
28	C2023-2015-1	0:Unknown	0	ALCOHOL Long.gcm
29	C2023-2015-1-B	0:Unknown	0	ALCOHOL Long.gcm
30	C2023-2016-1	0:Unknown	0	ALCOHOL Long.gcm
31	C2023-2016-1-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	C2023-2017-1	0:Unknown	0	ALCOHOL Long.gcm
35	C2023-2017-1-B	0:Unknown	0	ALCOHOL Long.gcm
36	C2023-1958-1	0:Unknown	0	ALCOHOL Long.gcm
37	C2023-1958-1-B	0:Unknown	0	ALCOHOL Long.gcm
38	C2023-1906-1	0:Unknown	0	ALCOHOL Long.gcm
39	C2023-1906-1-B	0:Unknown	0	ALCOHOL Long.gcm
40	QC-2-2	0:Unknown	0	ALCOHOL Long.gcm
41	QC-2-2-B	0:Unknown	0	ALCOHOL Long.gcm
42	INT STD BLK 4	0:Unknown	0	ALCOHOL Long.gcm

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REVIEWED

By Galina Giso at 1:41 pm, Aug 31, 2023

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):****8/30/2023****Calibration Date: (if different)****Worklist #:****6484**

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results	
Level 1	Feb-25	2101199	0.0808	0.0727 - 0.0889	0.0731 g/100cc	
					g/100cc	
					g/100cc	
Level 2	Mar-26	2110181	0.2030	0.1827 - 0.2233	0.1938 g/100cc	
					0.1937 g/100cc	
					g/100cc	
Multi-Component mixture:		Exp:	January 31, 2026	Lot #	FN01212104	OK
Curve Fit:			Column 1	0.99979	Column2	0.99968

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0455	0.0454	1E-04	0.0454
100	0.100	0.090 - 0.110	0.0935	0.0929	0.0006	0.0932
200	0.200	0.180 - 0.220	0.1922	0.1905	0.0017	0.1913
300	0.300	0.270 - 0.330			0	#DIV/0!
400	0.400	0.360 - 0.440	0.3991	0.3992	1E-04	0.3991
500	0.500	0.450 - 0.550	0.5055	0.5062	0.0007	0.5058

Aqueous Controls

Control level	Target Value	Acceptable Range	Overall Results
80	0.080	0.076 - 0.084	0.078 g/100cc

Revision: 5

Issue Date: 07/05/2022

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Internal Standard Monitoring Worksheet

Worklist #:	6484	Run Date(s):	8/30/2023
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Internal Standard Solution: Lot# A014463901	Prep Date: 8/8/2023	Exp Date: 2/8/2024
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Sample Name	Column 1 Value	Column 2 Value
0.080	272720	278013
0.080	270426	276017
QC1	274454	280503
QC1	277642	283477
QC1		
QC1		
QC1		
QC1		
QC2	306424	313188
QC2	301081	307508
QC2	312982	319948
QC2	319443	326894
QC2		
QC2		

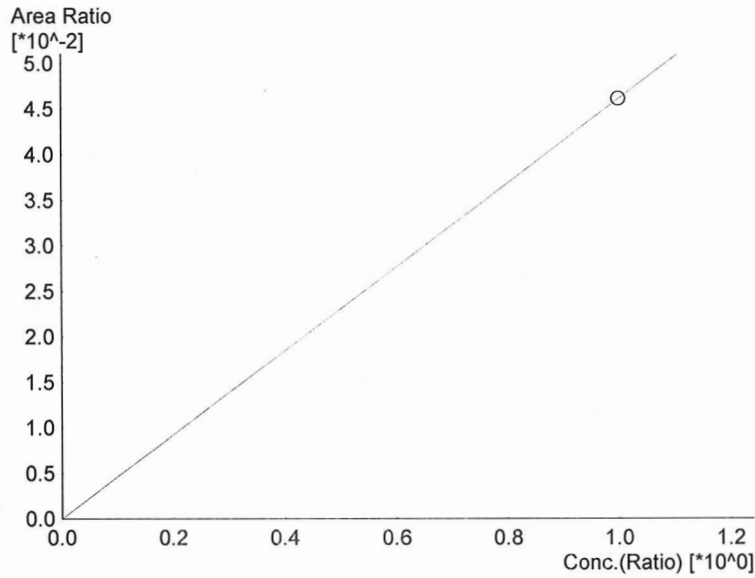
	Average	(-)20%	(+)20%
Column 1	291896.5	233517.2	350275.8
Column 2	298193.5	238554.8	357832.2

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Calibration Table

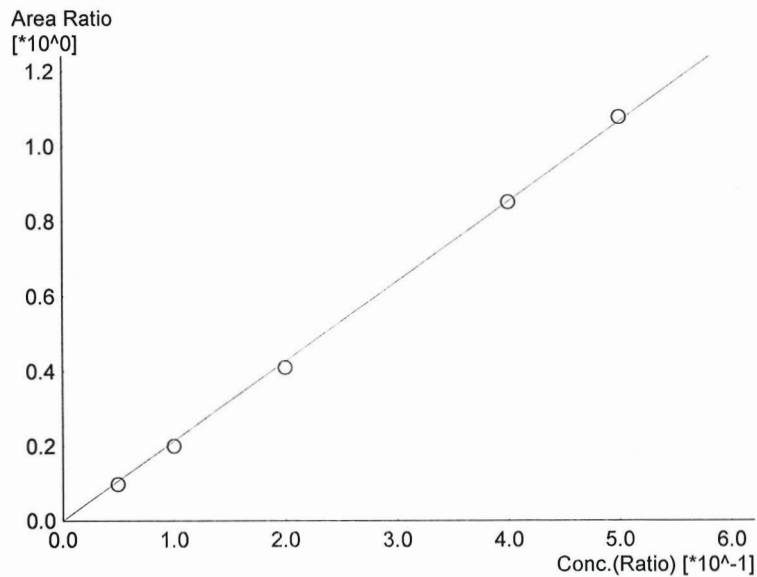
Laboratory : Coeur d'Alene
 Instrument Name : BML8F33-Instrument1
 Instrument Serial # : C12255850700 / C12595700181

<<Data File>>
 Method File :Default Project - ALCOHOL Long.gcm
 Batch File :Default Project - 8-30-23.gcb
 Date Acquired :8/30/2023 1:22:12 PM
 Date Created :8/30/2023 1:19:36 PM
 Date Modified :8/31/2023 9:08:37 AM



Name : Methanol
 Detector Name: FID1
 Function : $f(x)=0.0461330*x+0$
 R² value= 1.000000
 FitType: Linear
 ZeroThrough: Through

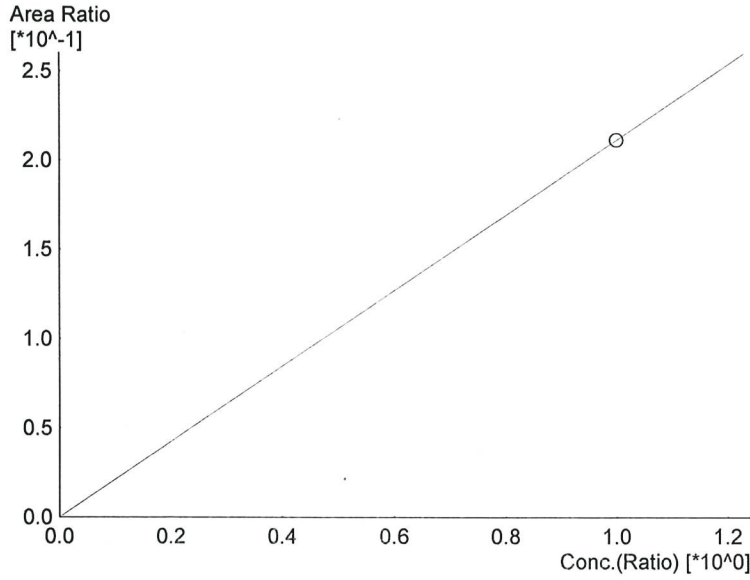
#	Conc.	Area	Std. Conc.
6	1.000	12341	1.0000



Name : Ethanol
 Detector Name: FID1
 Function : $f(x)=2.13315*x+0$
 R² value= 0.9997943
 FitType: Linear
 ZeroThrough: Through

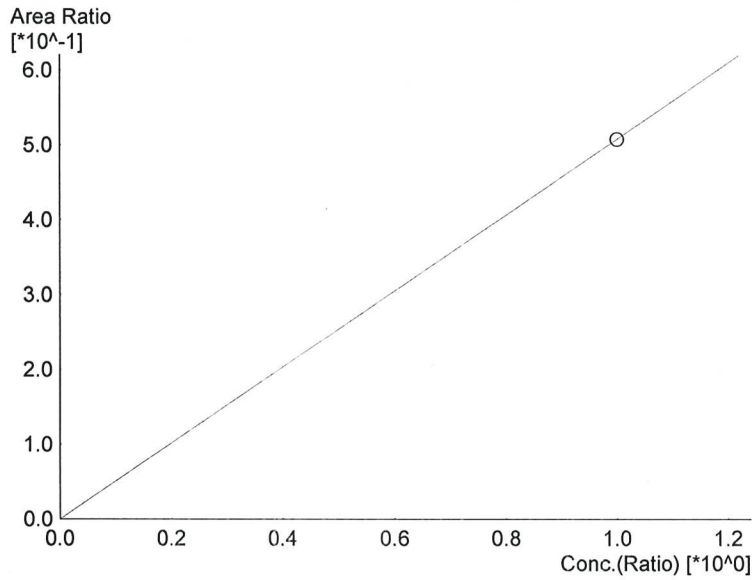
#	Conc.	Area	Std. Conc.
1	0.050	25074	0.0455
2	0.100	51843	0.0935
3	0.200	107671	0.1922
4	0.400	227182	0.3991
5	0.500	284828	0.5055

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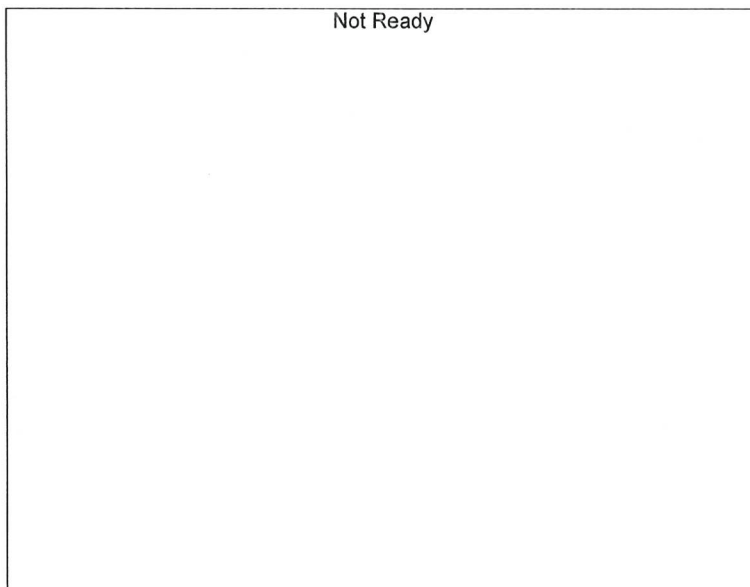
Name : Isopropyl Alcohol
Detector Name: FID1
Function : $f(x)=0.211398*x+0$
R² value= 1.000000
FitType: Linear
ZeroThrough: Through

#	Conc.	Area	Std. Conc.
6	1.000	56551	1.0000



Name : Acetone
Detector Name: FID1
Function : $f(x)=0.508352*x+0$
R² value= 1.000000
FitType: Linear
ZeroThrough: Through

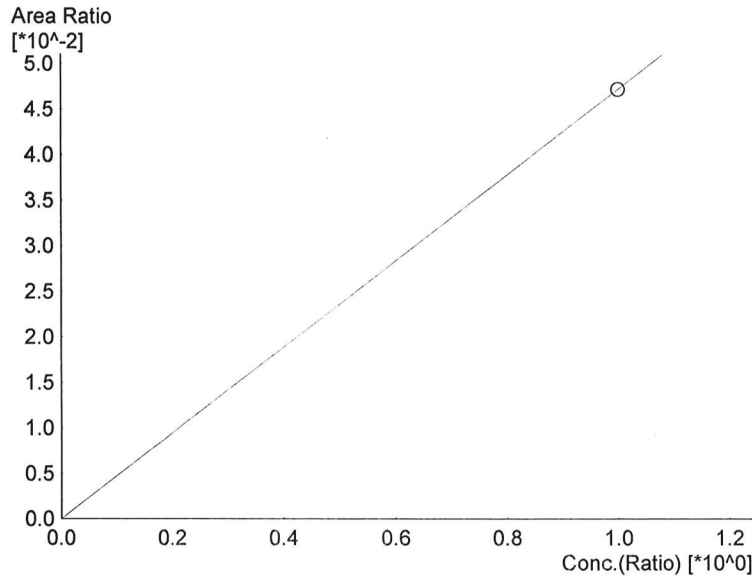
#	Conc.	Area	Std. Conc.
6	1.000	135988	1.0000



Name : Fluor. Hydrocarbon(s)
Detector Name: FID1
Function : $f(x)=0*x+0$
R² value= 0
FitType: Linear
ZeroThrough: Through

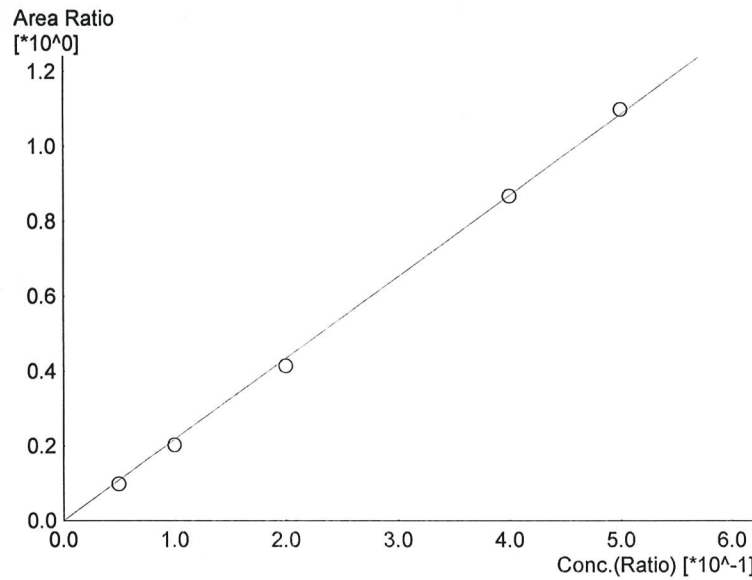
#	Conc.	Area	Std. Conc.
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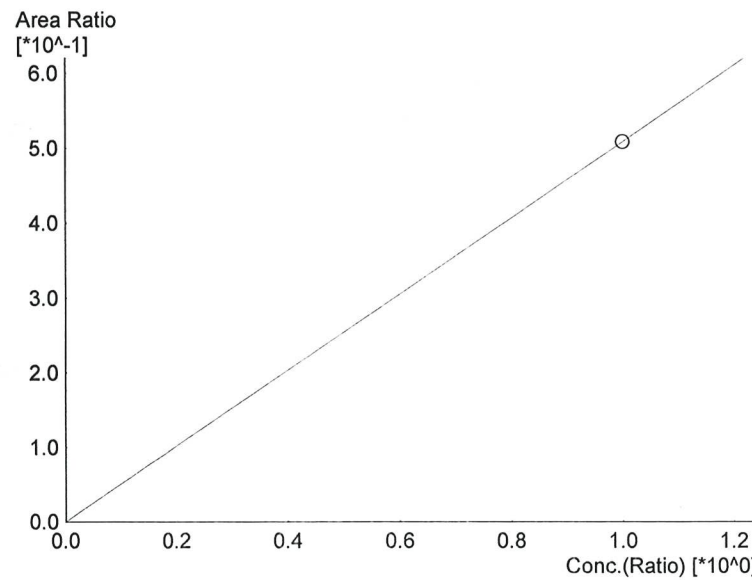
Name : Methanol
 Detector Name: FID2
 Function : $f(x)=0.0472101*x+0$
 R² value= 1.000000
 FitType: Linear
 ZeroThrough: Through

#	Conc.	Area	Std. Conc.
6	1.000	12877	1.0000



Name : Ethanol
 Detector Name: FID2
 Function : $f(x)=2.17270*x+0$
 R² value= 0.9996858
 FitType: Linear
 ZeroThrough: Through

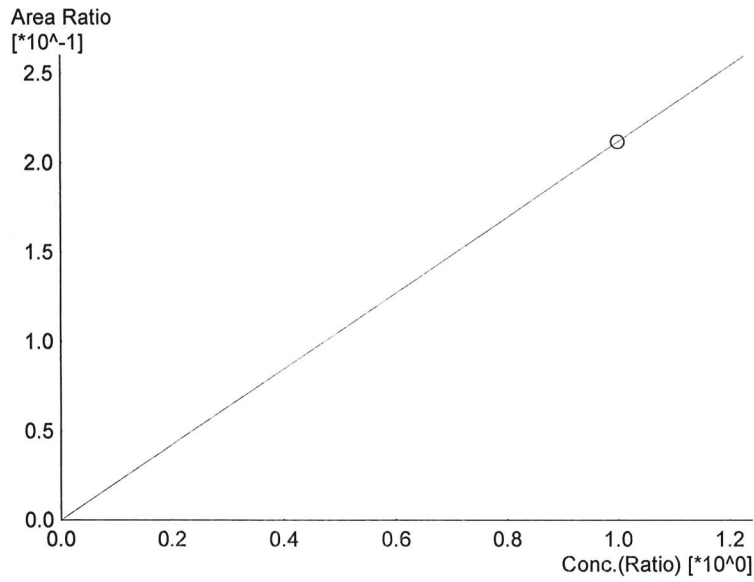
#	Conc.	Area	Std. Conc.
1	0.050	25884	0.0454
2	0.100	53457	0.0929
3	0.200	110850	0.1905
4	0.400	236201	0.3992
5	0.500	296643	0.5062



Name : Acetone
 Detector Name: FID2
 Function : $f(x)=0.508875*x+0$
 R² value= 1.000000
 FitType: Linear
 ZeroThrough: Through

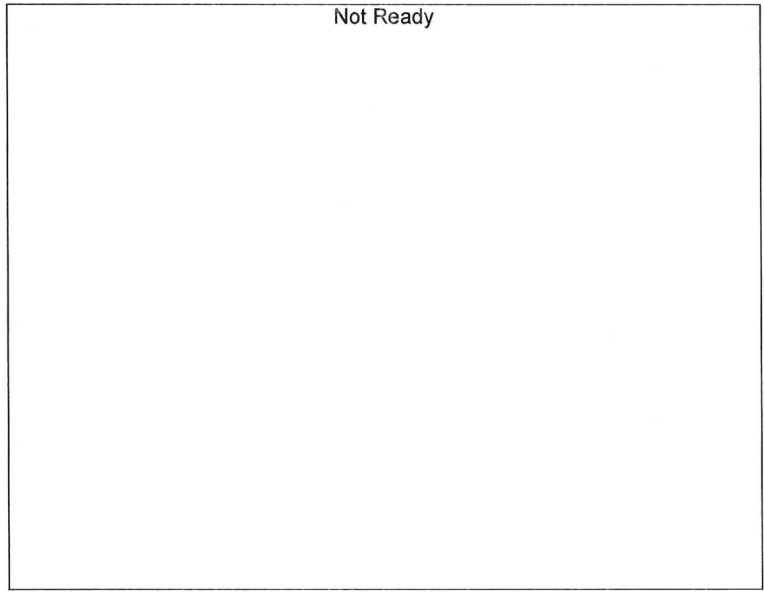
#	Conc.	Area	Std. Conc.
6	1.000	138798	1.0000

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Name : Isopropyl Alcohol
Detector Name: FID2
Function : $f(x)=0.211827*x+0$
R² value= 1.000000
FitType: Linear
ZeroThrough: Through

#	Conc.	Area	Std. Conc.
6	1.000	57777	1.0000

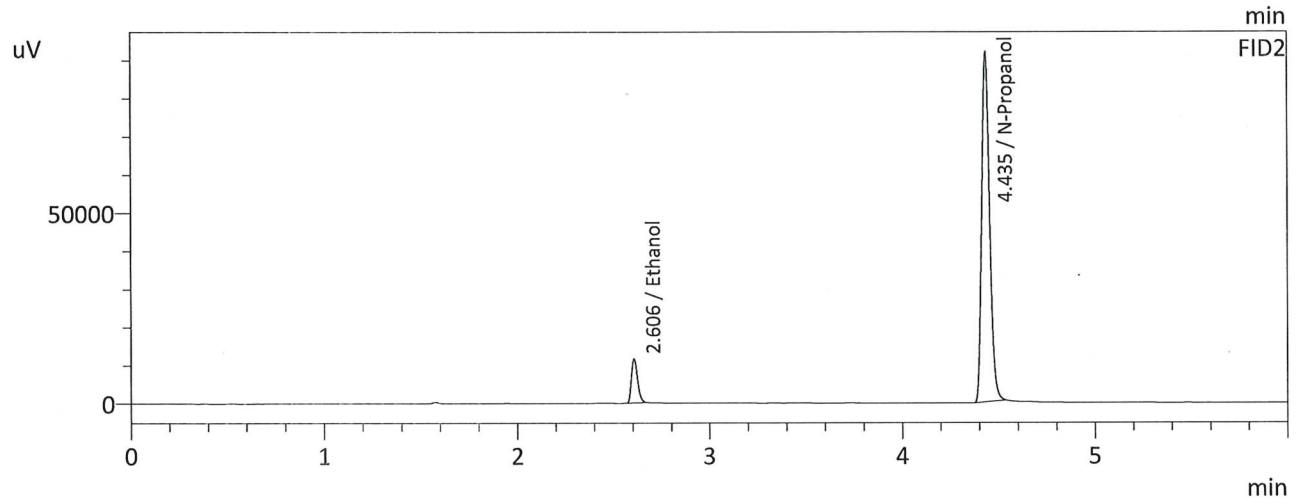
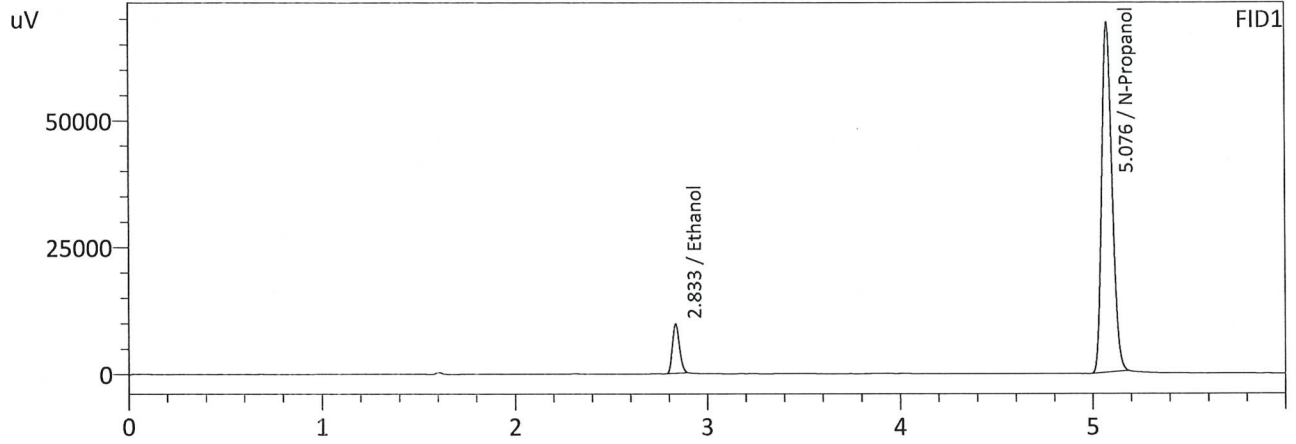


Name : Flour. Hydrocarbon(s)
Detector Name: FID2
Function : $f(x)=0*x+0$
R² value= 0
FitType: Linear
ZeroThrough: Through

#	Conc.	Area	Std. Conc.
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Sample Name : 0.050
 Laboratory : Coeur d' Alene Lab
 Injection Date : 8/30/2023 12:43:26 PM
 Vial # : 2
 Method Filename : Default Project - ALCOHOL Long.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

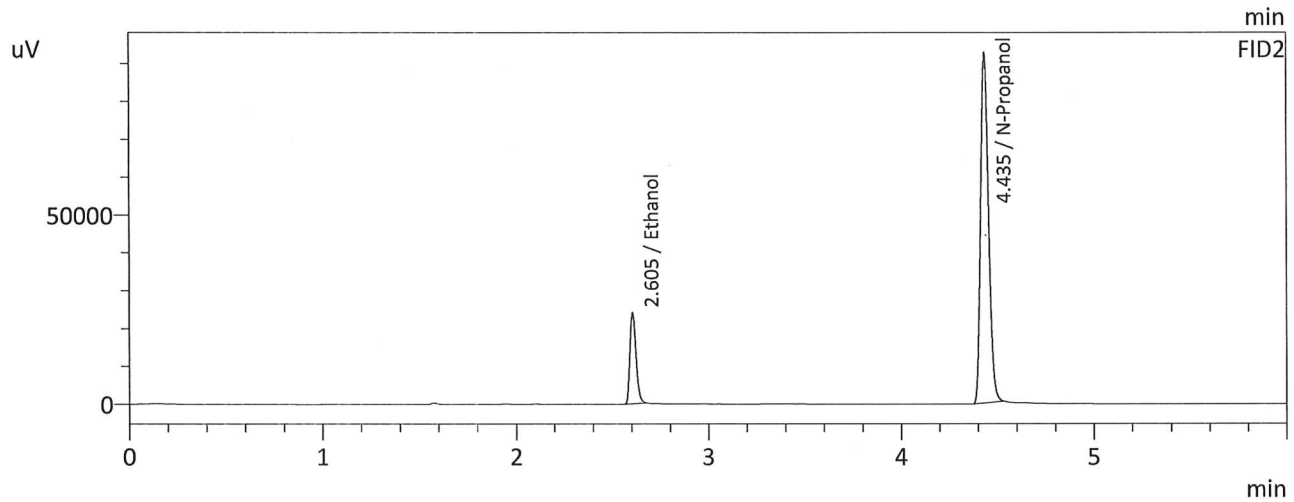
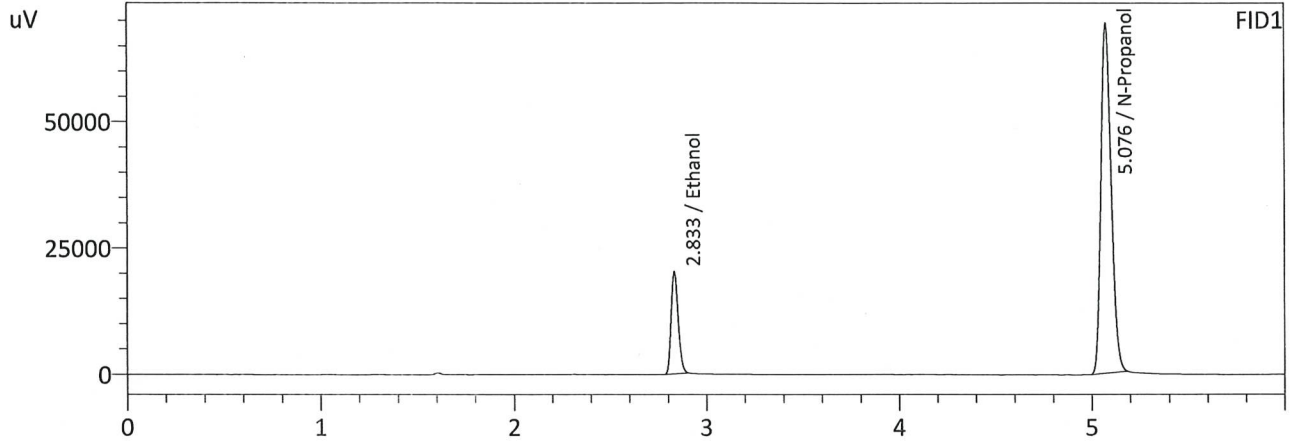
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0455	25074	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	257916	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0454	25884	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	262360	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

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Sample Name : 0.100
 Laboratory : Coeur d' Alene Lab
 Injection Date : 8/30/2023 12:54:09 PM
 Vial # : 3
 Method Filename : Default Project - ALCOHOL Long.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

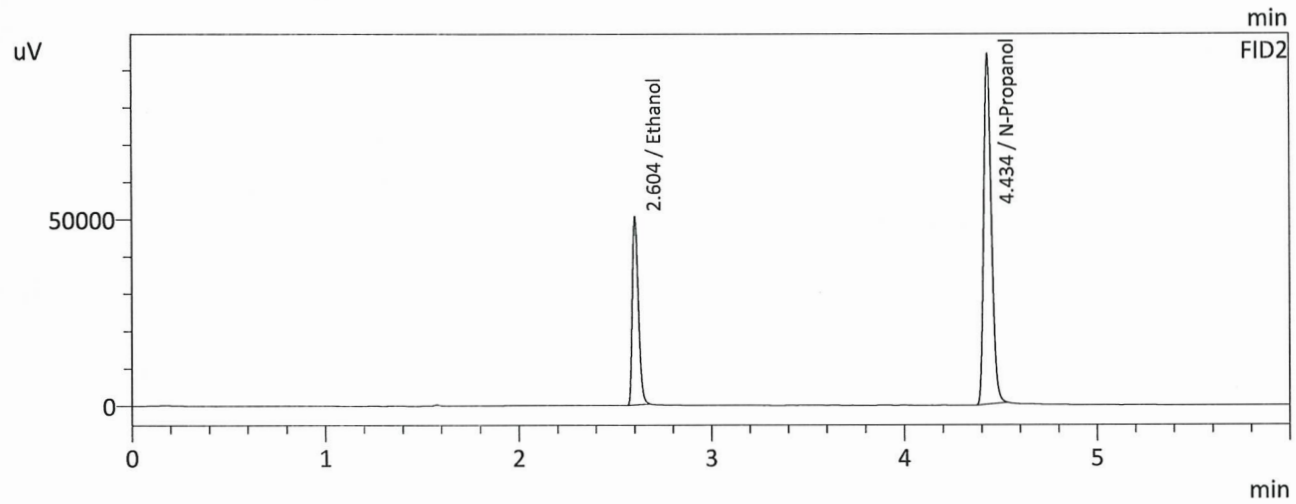
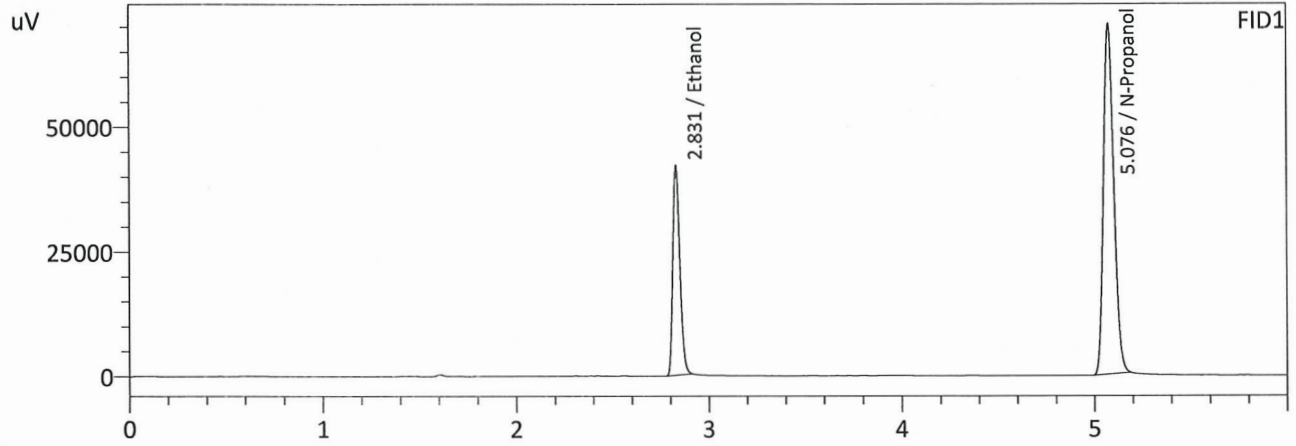
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0935	51843	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	259900	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0929	53457	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	264569	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

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Sample Name : 0.200
 Laboratory : Coeur d' Alene Lab
 Injection Date : 8/30/2023 1:02:50 PM
 Vial # : 4
 Method Filename : Default Project - ALCOHOL Long.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

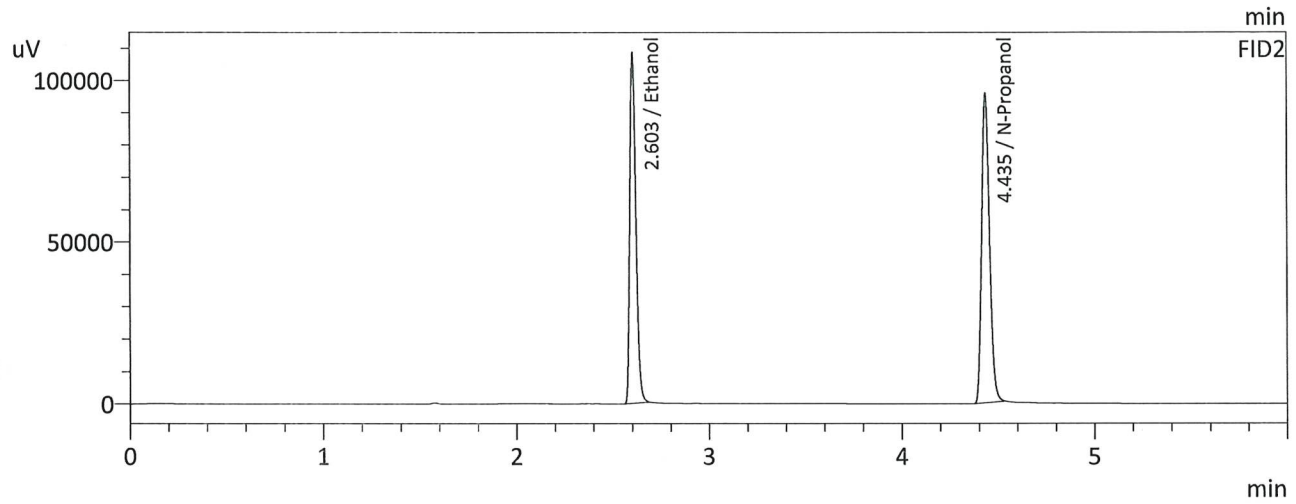
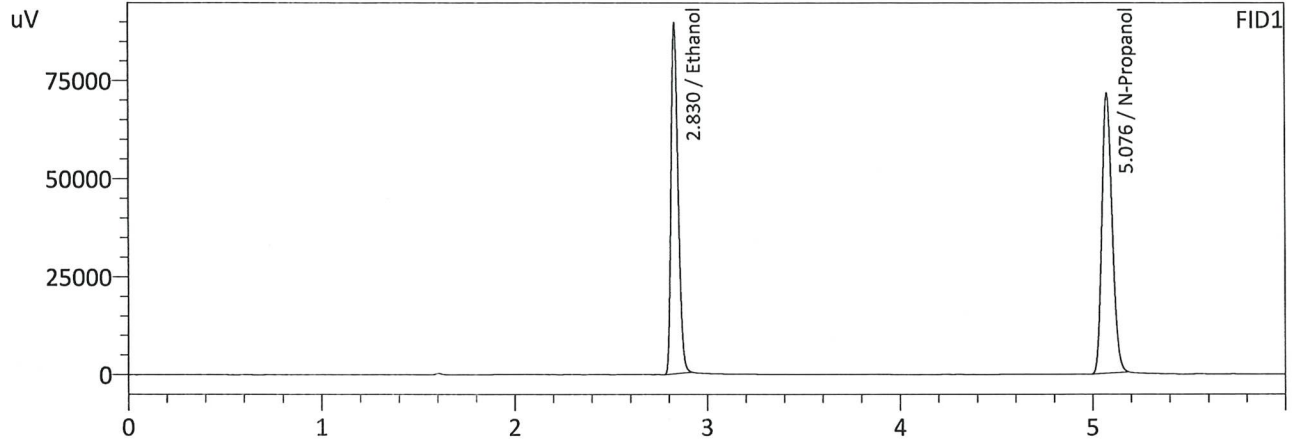
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1922	107671	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	262586	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1905	110850	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	267739	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

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Sample Name : 0.400
 Laboratory : Coeur d' Alene Lab
 Injection Date : 8/30/2023 1:13:32 PM
 Vial # : 5
 Method Filename : Default Project - ALCOHOL Long.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

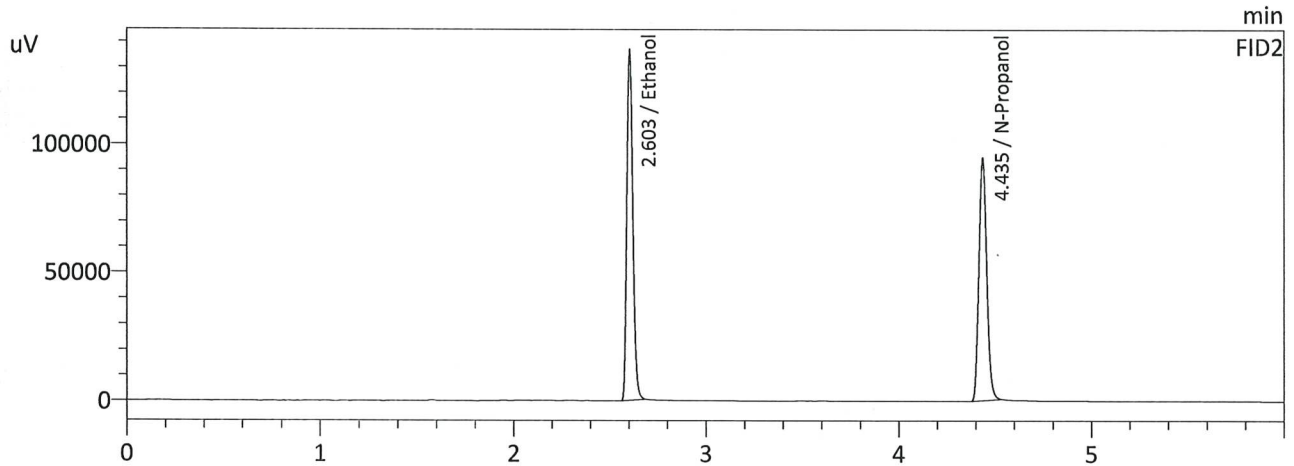
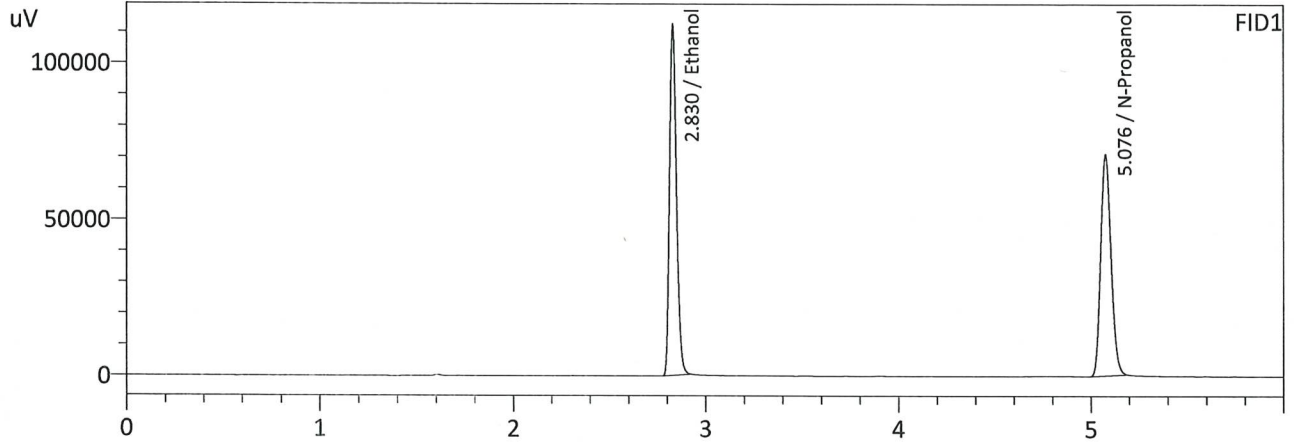
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.3991	227182	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	266806	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.3992	236201	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	272293	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

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Sample Name : 0.500
 Laboratory : Coeur d' Alene Lab
 Injection Date : 8/30/2023 1:22:12 PM
 Vial # : 6
 Method Filename : Default Project - ALCOHOL Long.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5055	284828	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	264135	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5062	296643	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	269700	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): 8/30/2023 2:20:27 PM(-07:00)			
	Column 1	Column 2	Column	Mean	Sample A-B	Over-all Mean
	FID A	FID B	Precision	Value	Difference	
Sample Results	0.0802	0.0798	0.0004	0.0800	0.0039	0.0780
(g/100cc)	0.0762	0.0760	0.0002	0.0761		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL Long.gcm

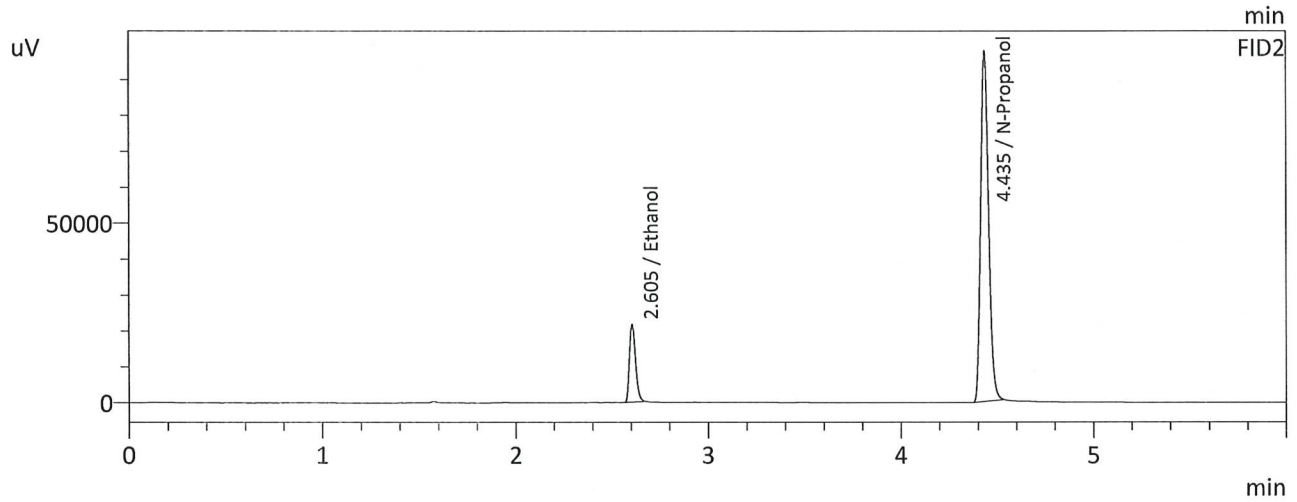
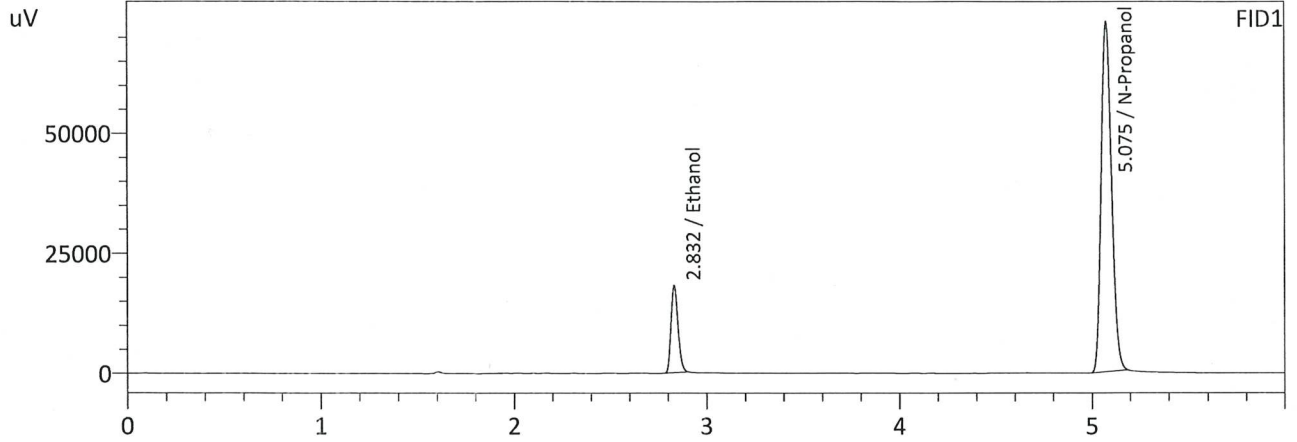
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.078	0.074	0.082	0.004

	Reported Results
	0.078

Calibration and control data are stored centrally.

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Sample Name : 0.08 QA
 Laboratory : Coeur d' Alene Lab
 Injection Date : 8/30/2023 2:20:27 PM
 Vial # : 12
 Method Filename : Default Project - ALCOHOL Long.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

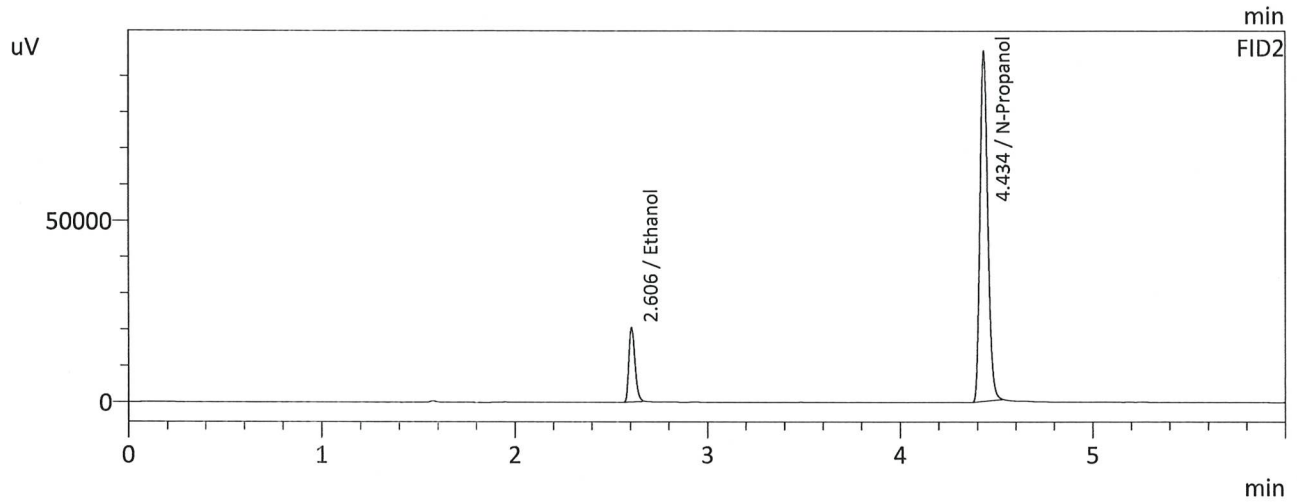
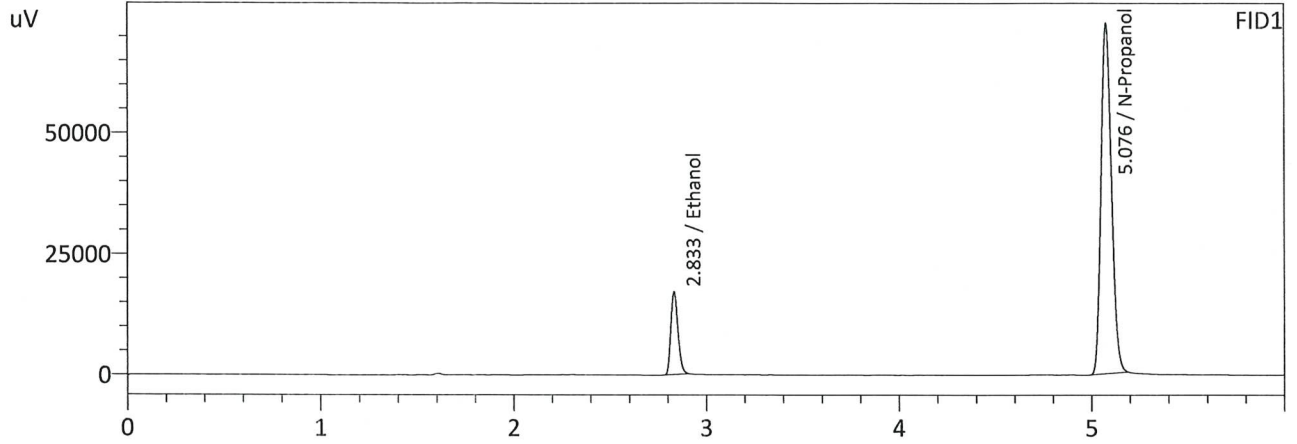
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0802	46674	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	272720	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0798	48254	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	278013	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

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Sample Name : 0.08 QA - B
 Laboratory : Coeur d' Alene Lab
 Injection Date : 8/30/2023 2:31:09 PM
 Vial # : 13
 Method Filename : Default Project - ALCOHOL Long.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0762	44011	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	270426	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0760	45629	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	276017	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

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VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-1-1		Analysis Date(s): 8/30/2023 2:01:03 PM(-07:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0734	0.0727	0.0007	0.0730	0.0003	0.0731
(g/100cc)	0.0736	0.0730	0.0006	0.0733		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL Long.gcm

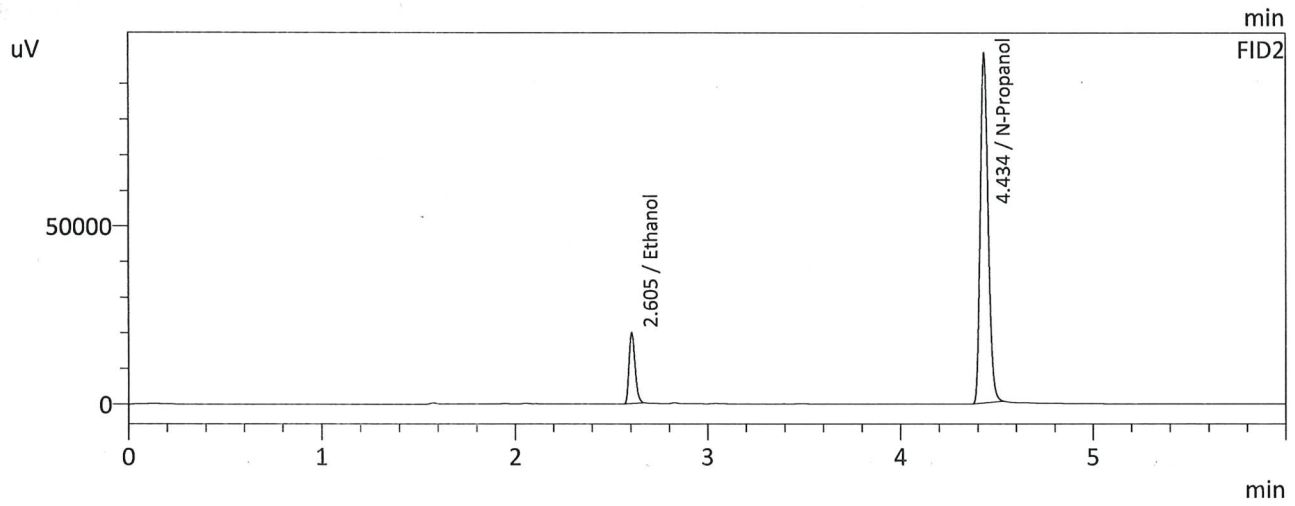
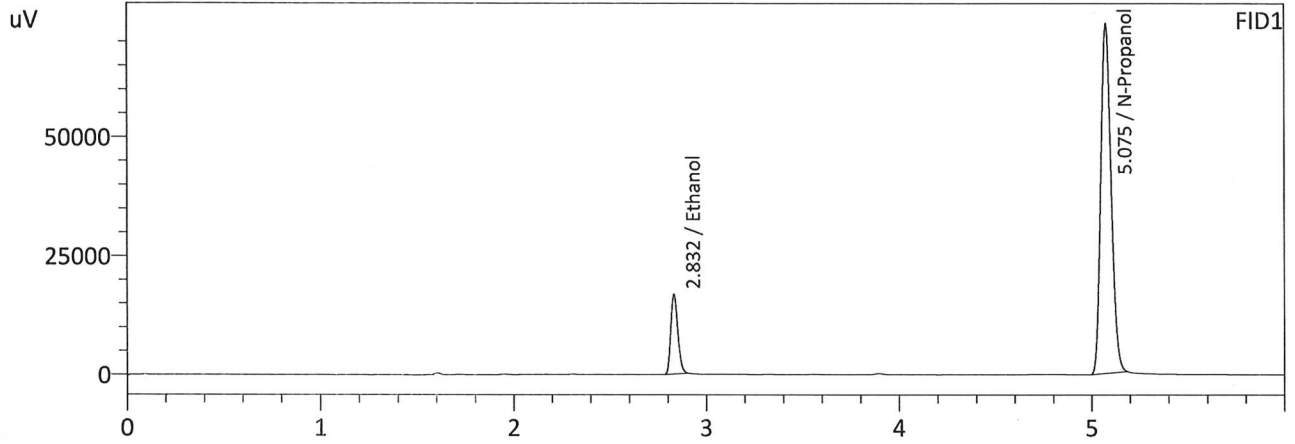
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.073	0.069	0.077	0.004

	Reported Results
	0.073

Calibration and control data are stored centrally.

99

Sample Name : QC-1-1
 Laboratory : Coeur d' Alene Lab
 Injection Date : 8/30/2023 2:01:03 PM
 Vial # : 10
 Method Filename : Default Project - ALCOHOL Long.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

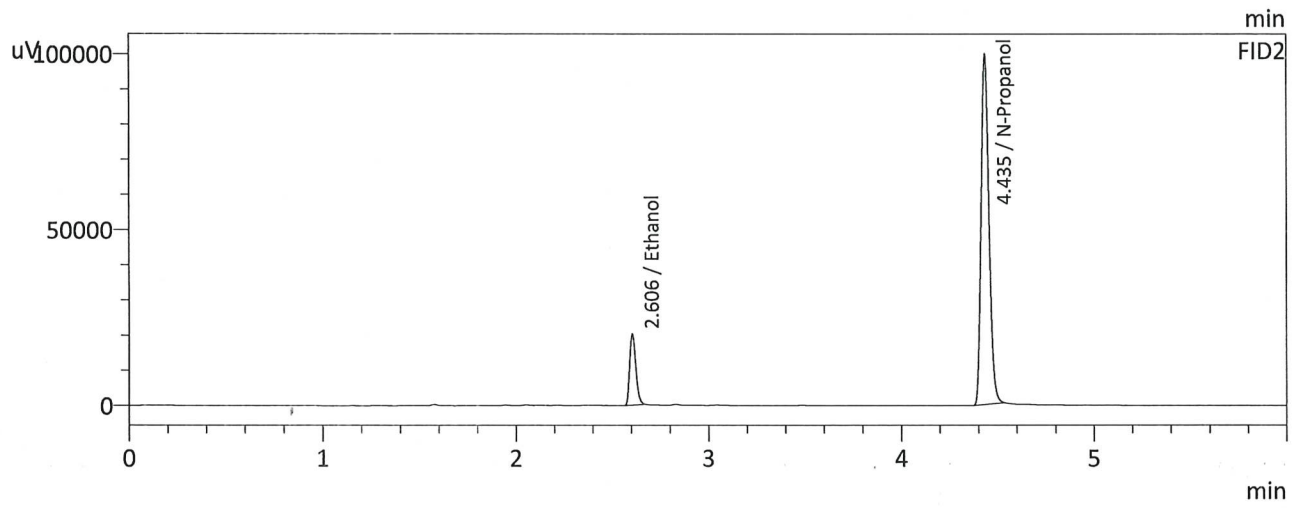
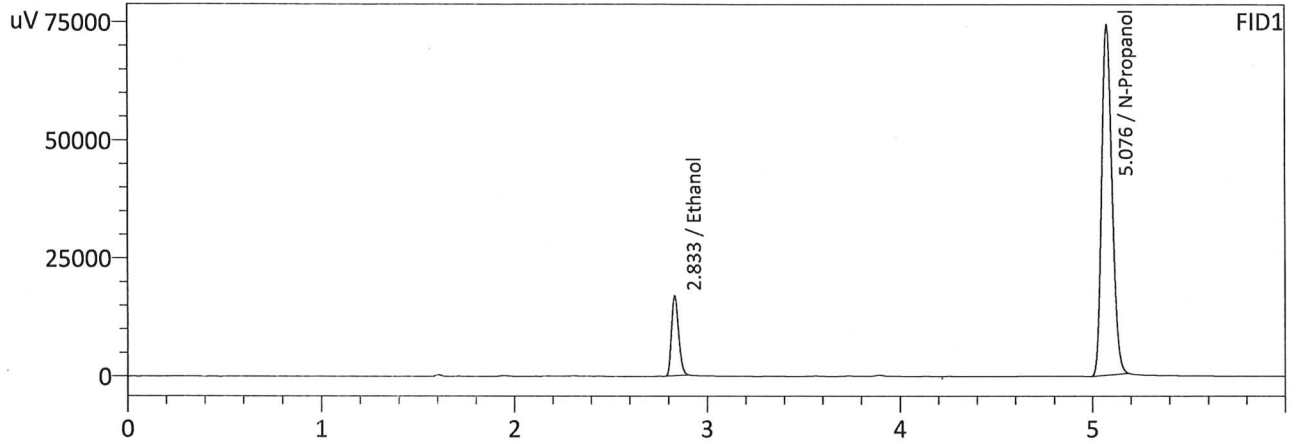
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0734	43028	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	274454	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0727	44360	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	280503	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-1-1-B
 Laboratory : Coeur d' Alene Lab
 Injection Date : 8/30/2023 2:11:46 PM
 Vial # : 11
 Method Filename : Default Project - ALCOHOL Long.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0736	43600	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	277642	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0730	44986	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	283477	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

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Laboratory No: 0.08 QA		Analysis Date(s): 8/30/2023 2:20:27 PM(-07:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0802	0.0798	0.0004	0.0800	0.0040	0.0780
(g/100cc)	0.0762	0.0758	0.0004	0.0760		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL Long.gcm

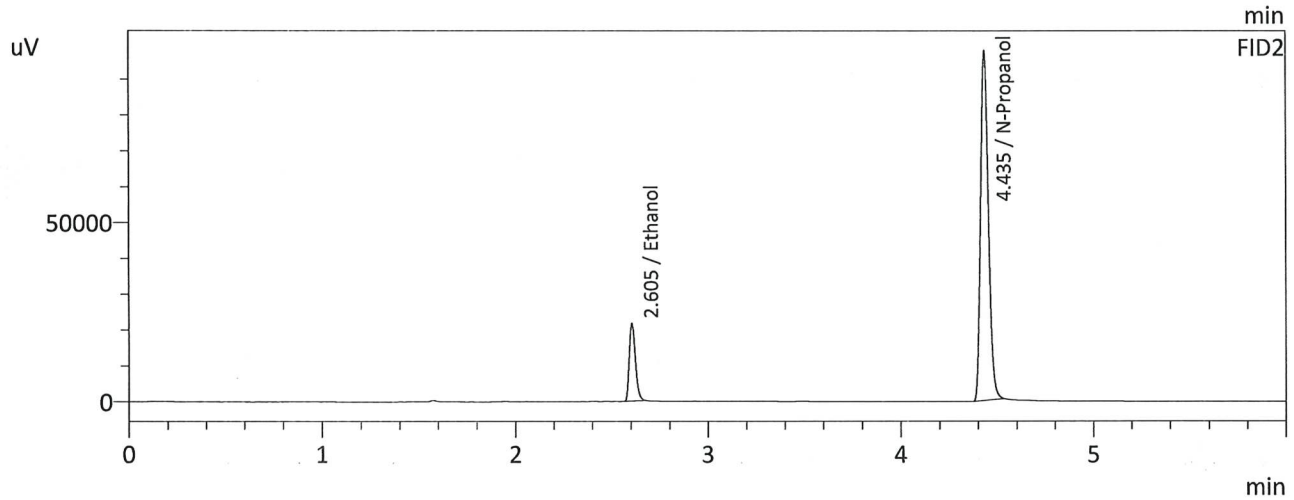
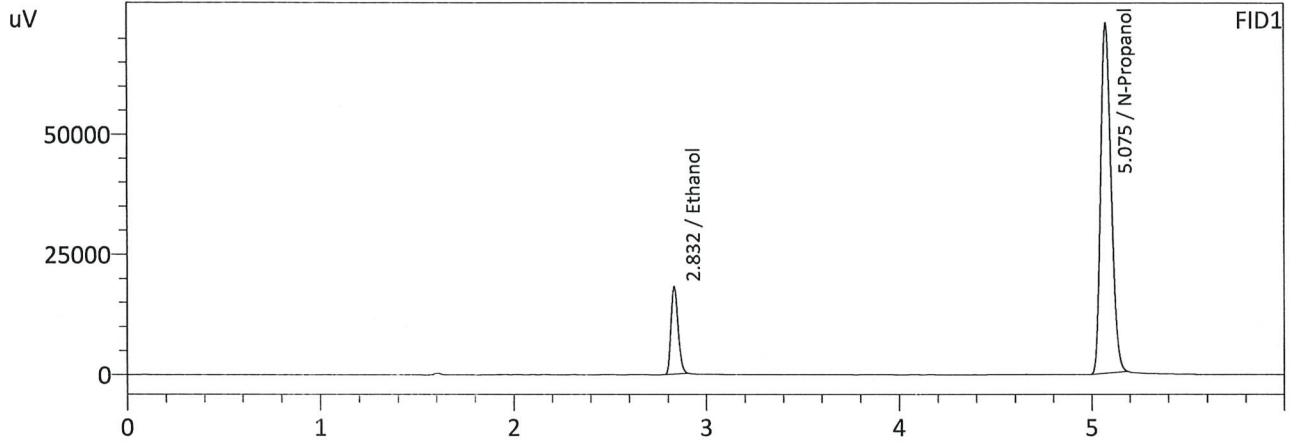
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.078	0.074	0.082	0.004

	Reported Results
	0.078

Calibration and control data are stored centrally.

99

Sample Name : 0.08 QA
 Laboratory : Coeur d' Alene Lab
 Injection Date : 8/30/2023 2:20:27 PM
 Vial # : 12
 Method Filename : Default Project - ALCOHOL Long.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

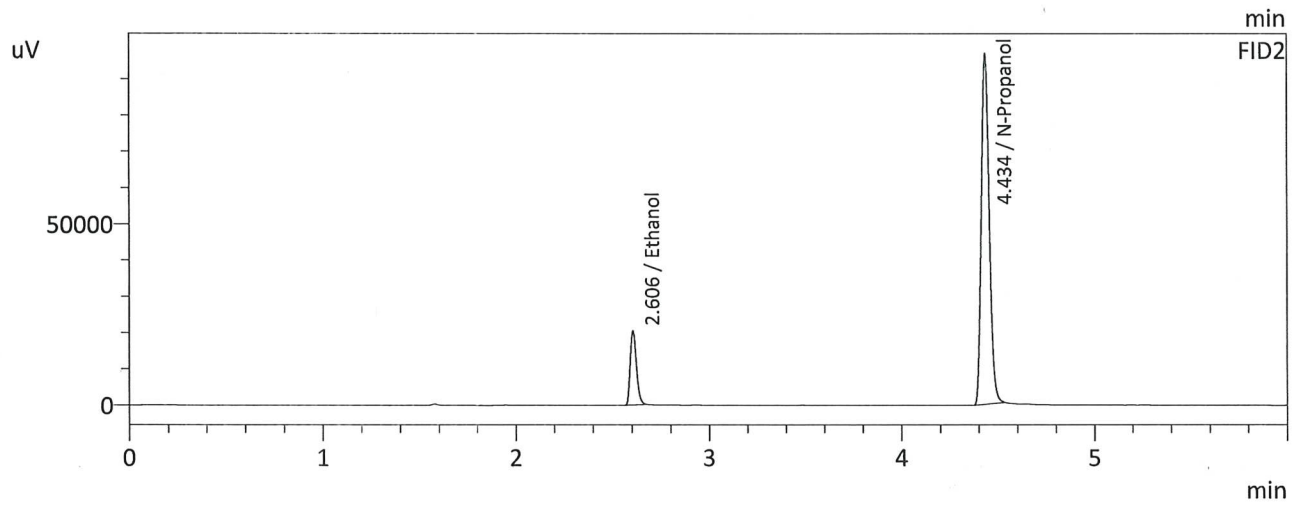
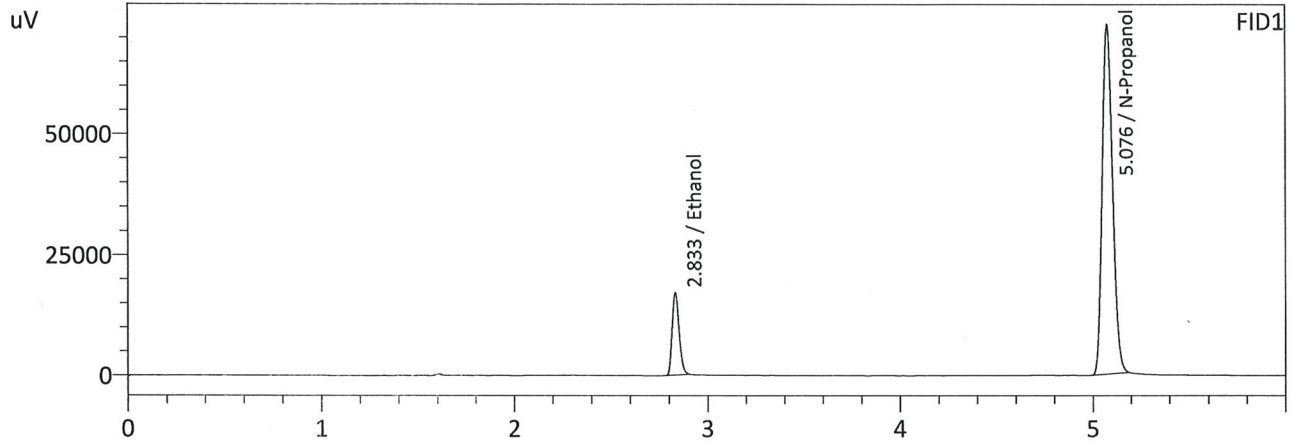
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0802	46674	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	272720	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0798	48254	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	278013	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : 0.08 QA - B
 Laboratory : Coeur d' Alene Lab
 Injection Date : 8/30/2023 2:31:09 PM
 Vial # : 13
 Method Filename : Default Project - ALCOHOL Long.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0762	44011	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	270426	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0758	45483	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	276017	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-1		Analysis Date(s): 8/30/2023 5:34:28 PM(-07:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.1937	0.1930	0.0007	0.1933	0.0009	0.1937
(g/100cc)	0.1946	0.1938	0.0008	0.1942		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL Long.gcm

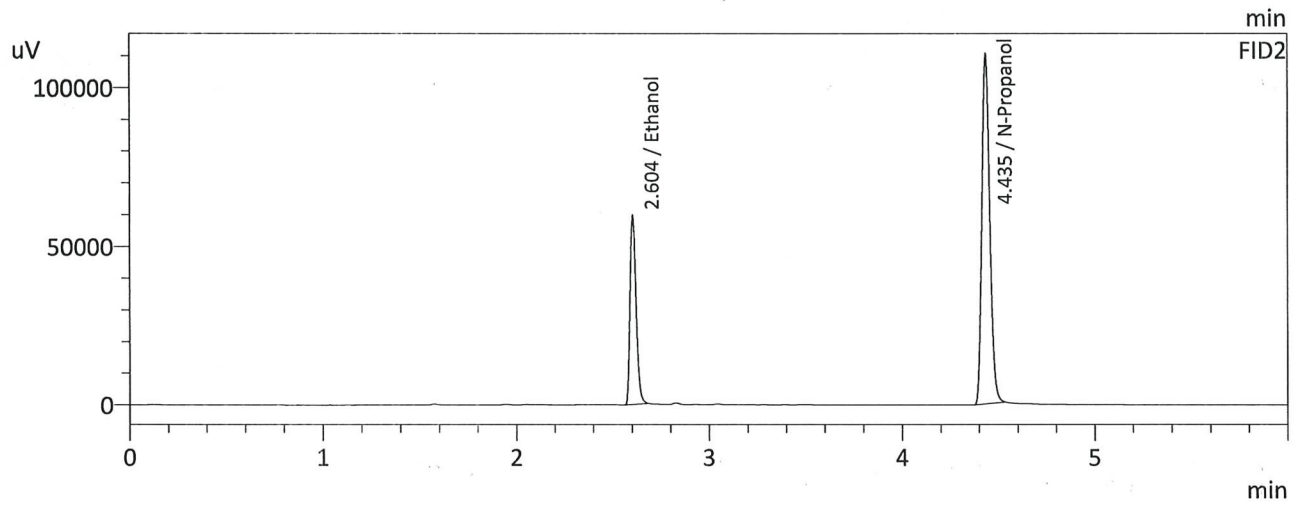
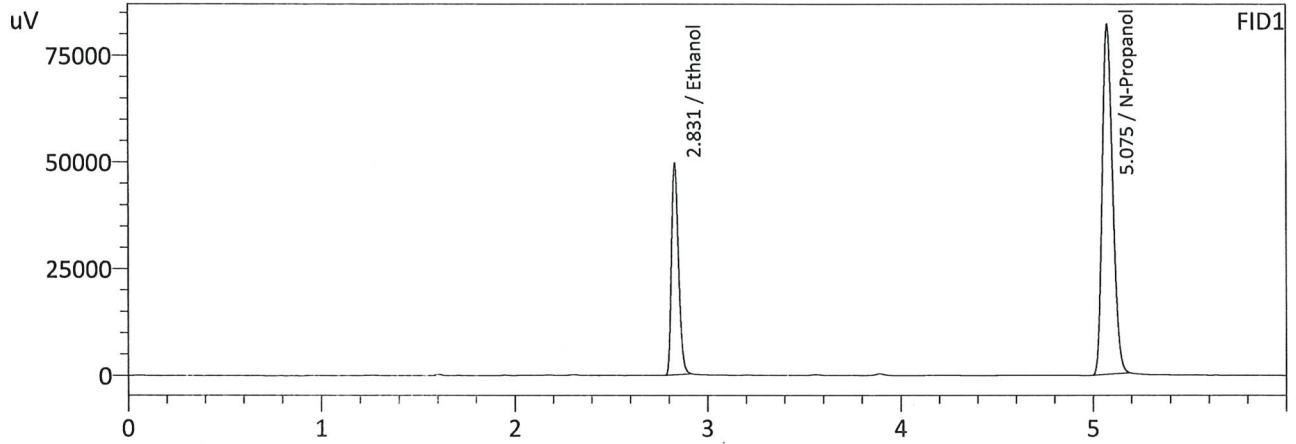
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.193	0.183	0.203	0.010

	Reported Results
	0.193

Calibration and control data are stored centrally.

99

Sample Name : QC-2-1
 Laboratory : Coeur d' Alene Lab
 Injection Date : 8/30/2023 5:34:28 PM
 Vial # : 32
 Method Filename : Default Project - ALCOHOL Long.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

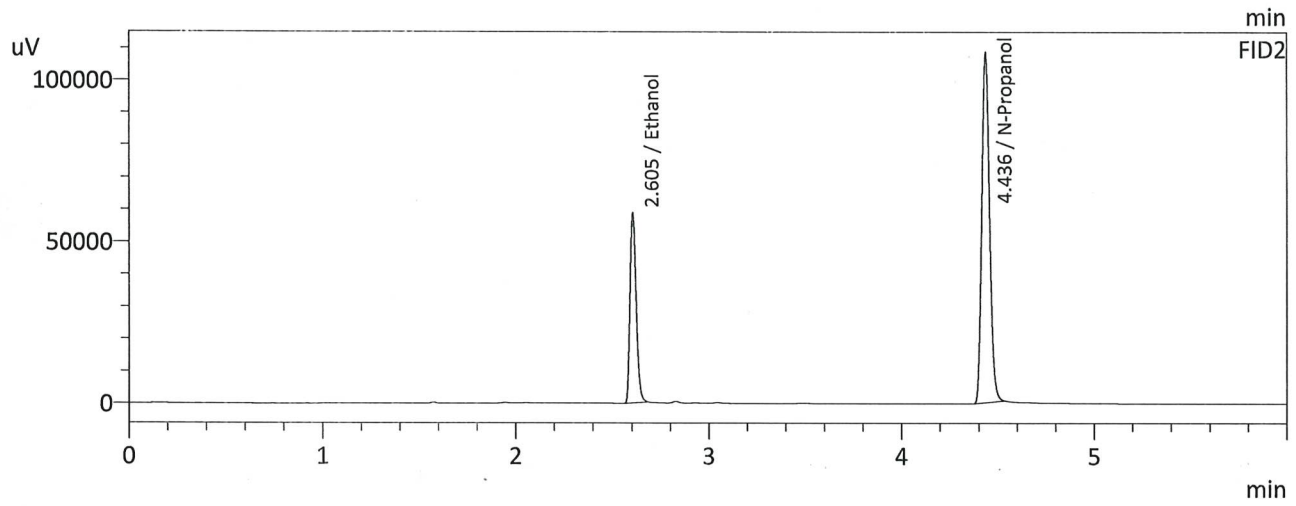
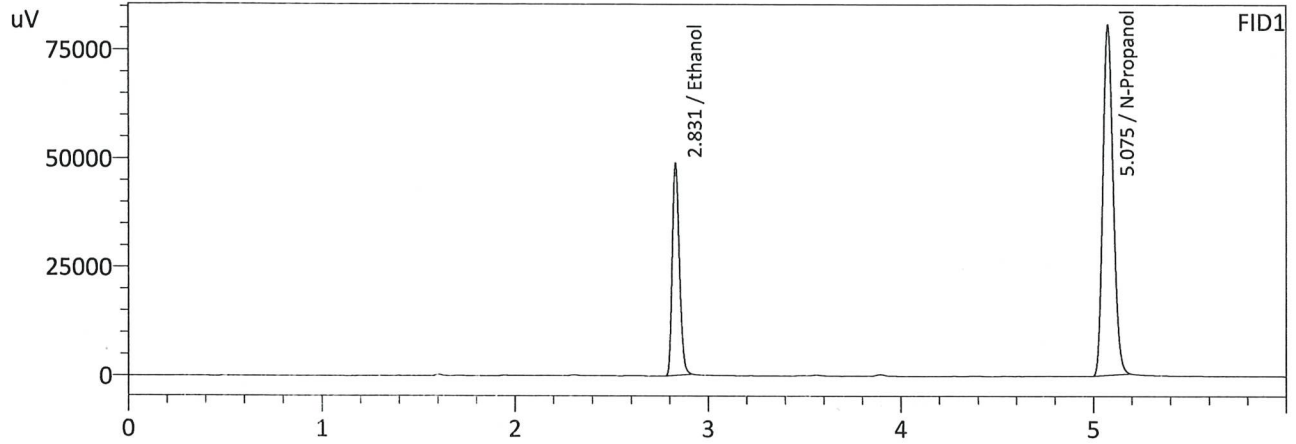
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1937	126637	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	306424	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1930	131369	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	313188	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-2-1-B
 Laboratory : Coeur d' Alene Lab
 Injection Date : 8/30/2023 5:45:11 PM
 Vial # : 33
 Method Filename : Default Project - ALCOHOL Long.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1946	124989	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	301081	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1938	129508	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	307508	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-2		Analysis Date(s): 8/30/2023 6:52:08 PM(-07:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.1928	0.1923	0.0005	0.1925	0.0026	0.1938
(g/100cc)	0.1957	0.1946	0.0011	0.1951		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL Long.gcm

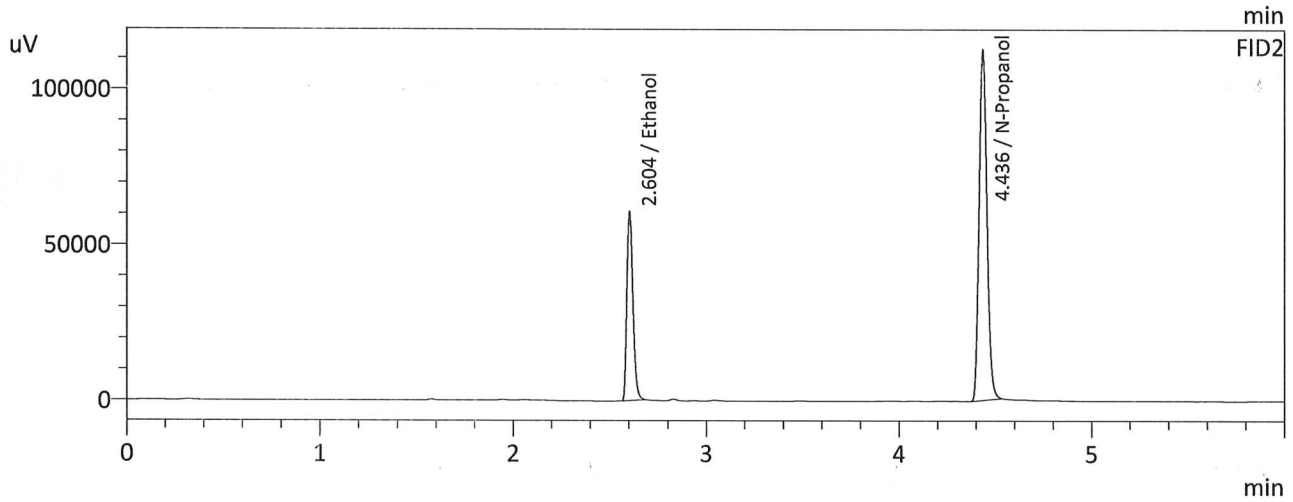
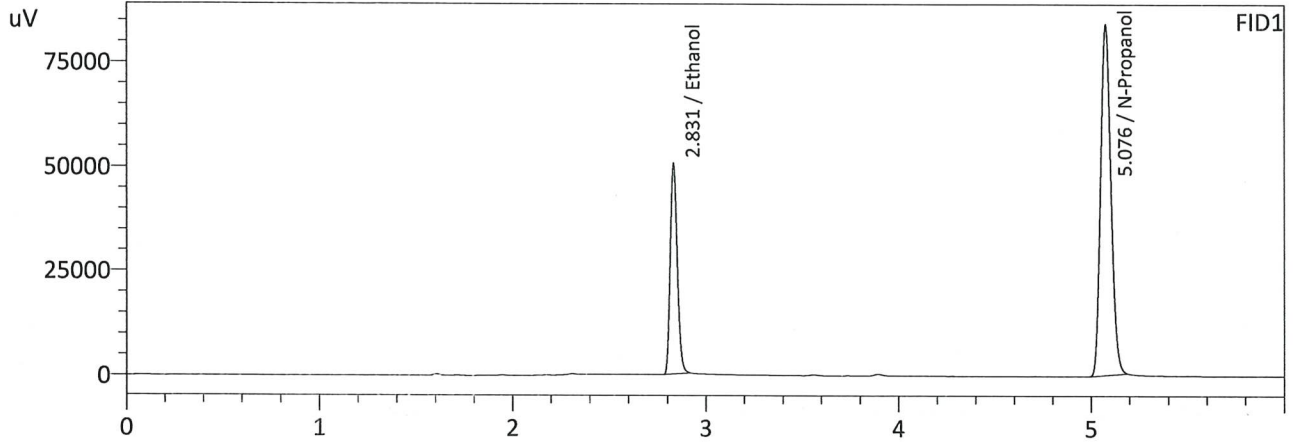
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.193	0.183	0.203	0.010

	Reported Results
	0.193

Calibration and control data are stored centrally.

99

Sample Name : QC-2-2
 Laboratory : Coeur d' Alene Lab
 Injection Date : 8/30/2023 6:52:08 PM
 Vial # : 40
 Method Filename : Default Project - ALCOHOL Long.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

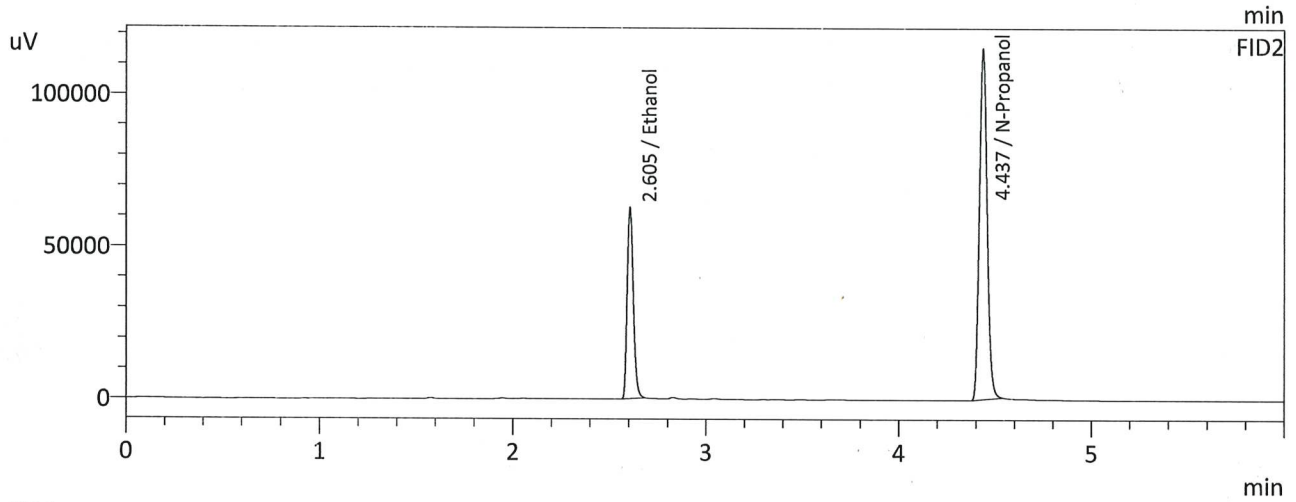
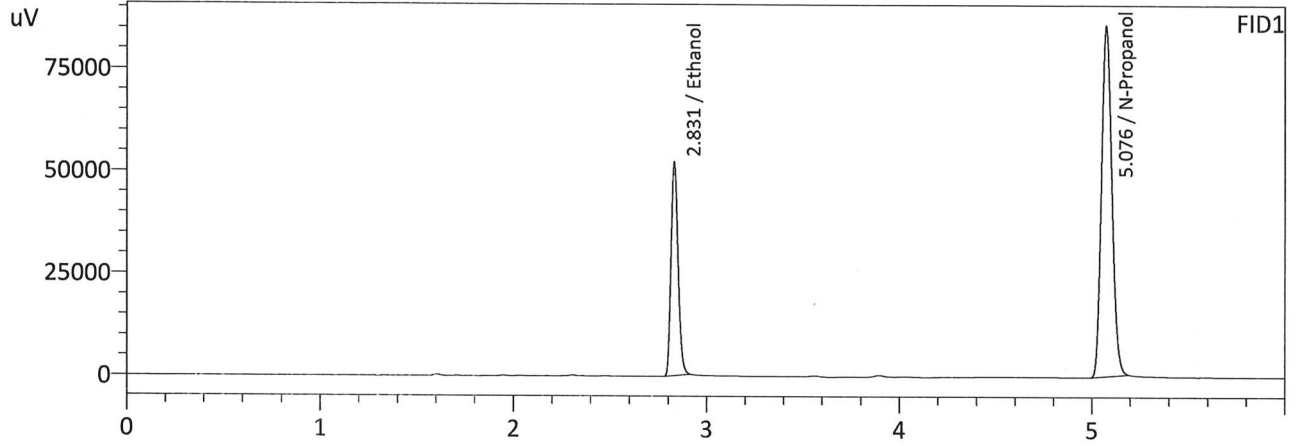
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1928	128785	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	312982	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1923	133736	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	319948	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-2-2-B
 Laboratory : Coeur d' Alene Lab
 Injection Date : 8/30/2023 7:02:53 PM
 Vial # : 41
 Method Filename : Default Project - ALCOHOL Long.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

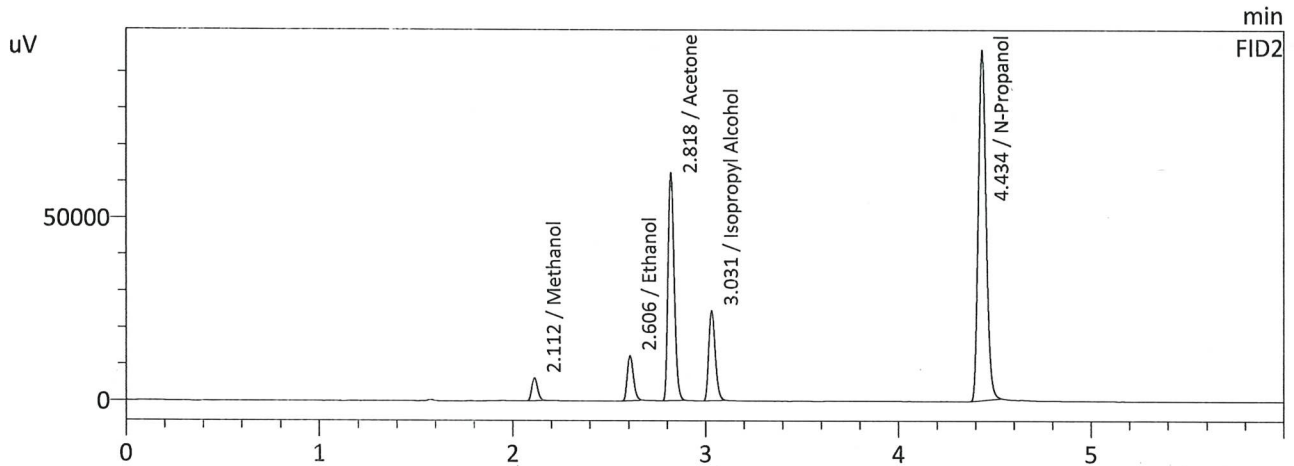
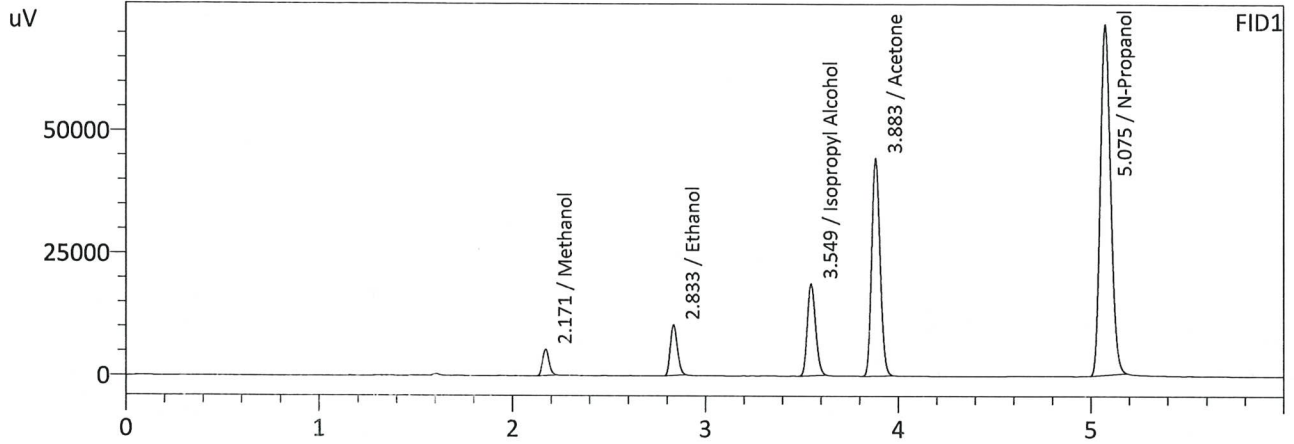
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1957	133370	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	319443	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1946	138274	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	326894	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : MULTI-COMP MIX
 Laboratory : Coeur d' Alene Lab
 Injection Date : 8/30/2023 1:41:37 PM
 Vial # : 8
 Method Filename : Default Project - ALCOHOL Long.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

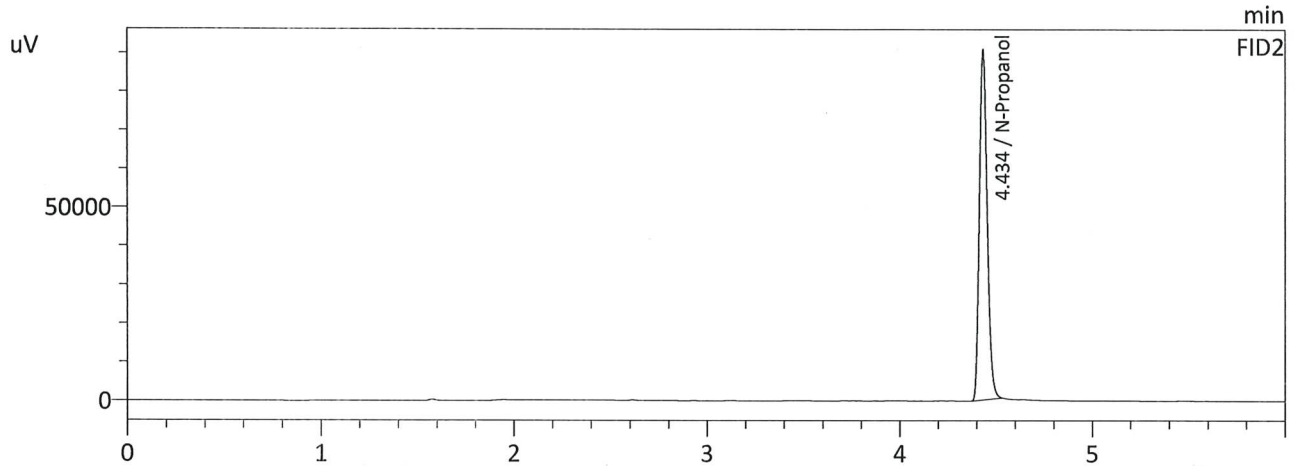
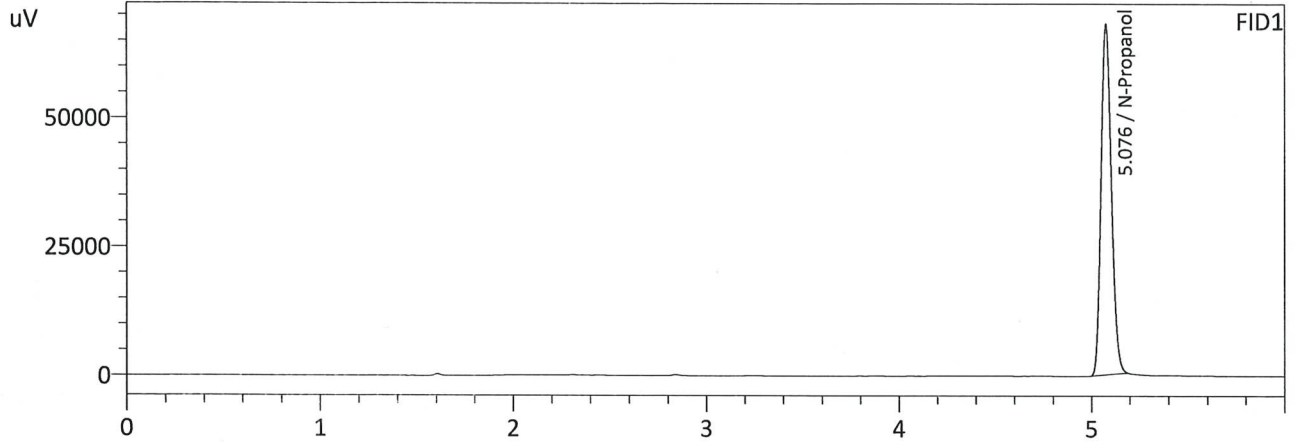
Name	Conc.	Area	Unit
Methanol	1.0000	12341	g/100cc
Ethanol	0.0462	26400	g/100cc
Isopropyl Alcohol	1.0000	56551	g/100cc
Acetone	1.0000	135988	g/100cc
N-Propanol	0.0000	267508	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	1.0000	12877	g/100cc
Ethanol	0.0459	27238	g/100cc
Acetone	1.0000	138798	g/100cc
Isopropyl Alcohol	1.0000	57777	g/100cc
N-Propanol	0.0000	272755	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 1
 Laboratory : Coeur d' Alene Lab
 Injection Date : 8/30/2023 12:34:44 PM
 Vial # : 1
 Method Filename : Default Project - ALCOHOL Long.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

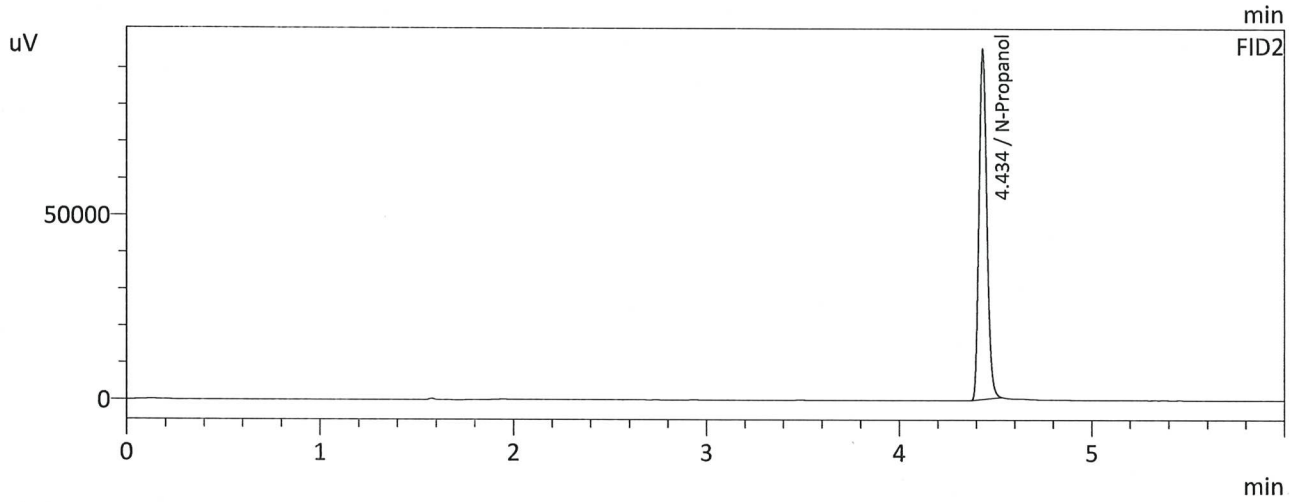
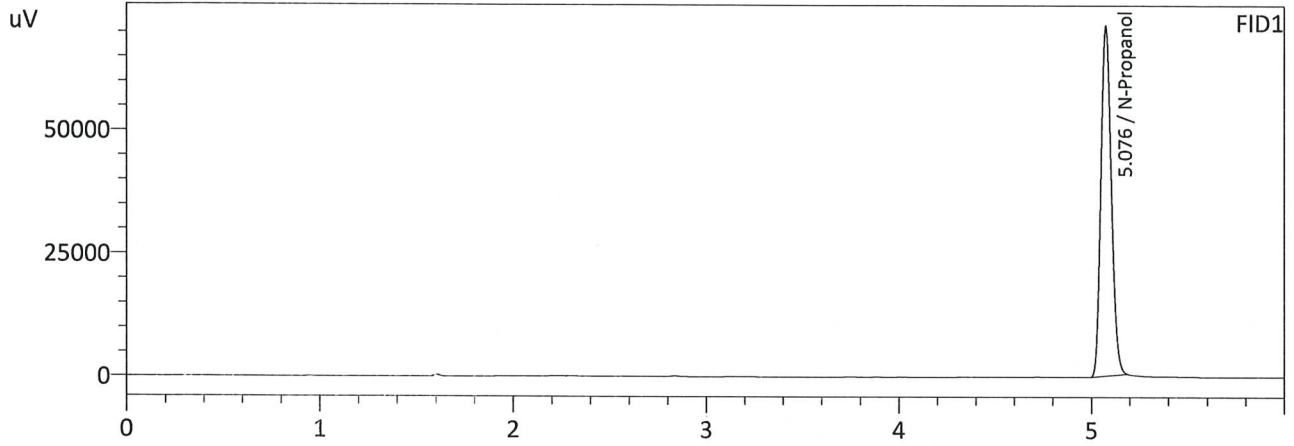
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	254311	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	258511	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 2
 Laboratory : Coeur d' Alene Lab
 Injection Date : 8/30/2023 1:32:58 PM
 Vial # : 7
 Method Filename : Default Project - ALCOHOL Long.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

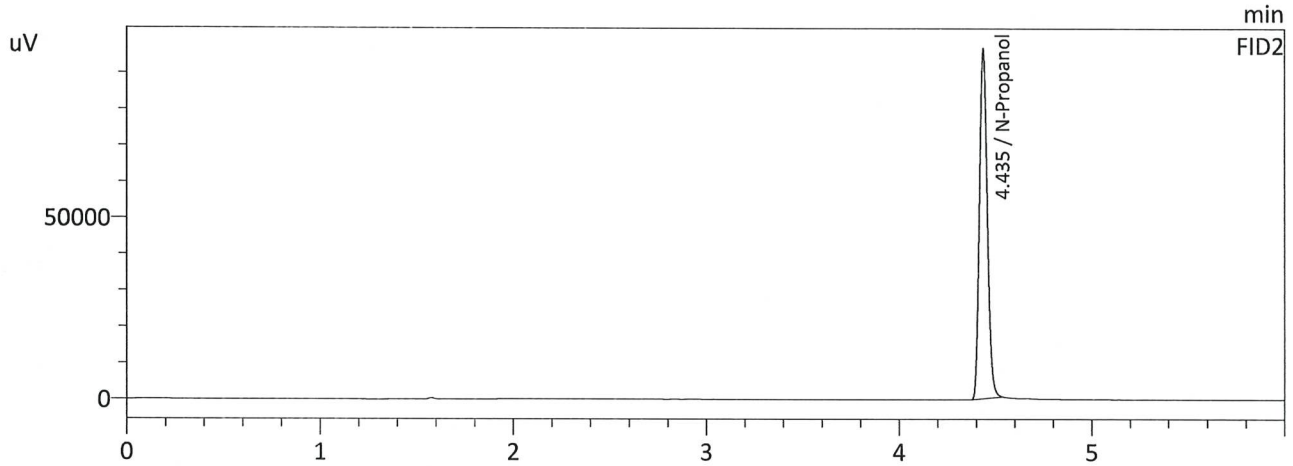
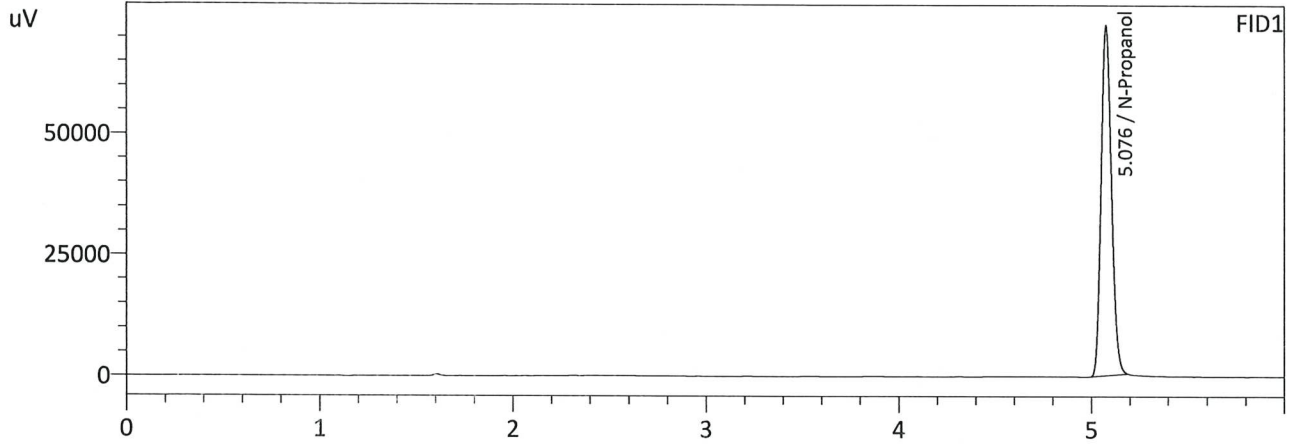
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	265416	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	270742	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 3
 Laboratory : Coeur d' Alene Lab
 Injection Date : 8/30/2023 1:52:22 PM
 Vial # : 9
 Method Filename : Default Project - ALCOHOL Long.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

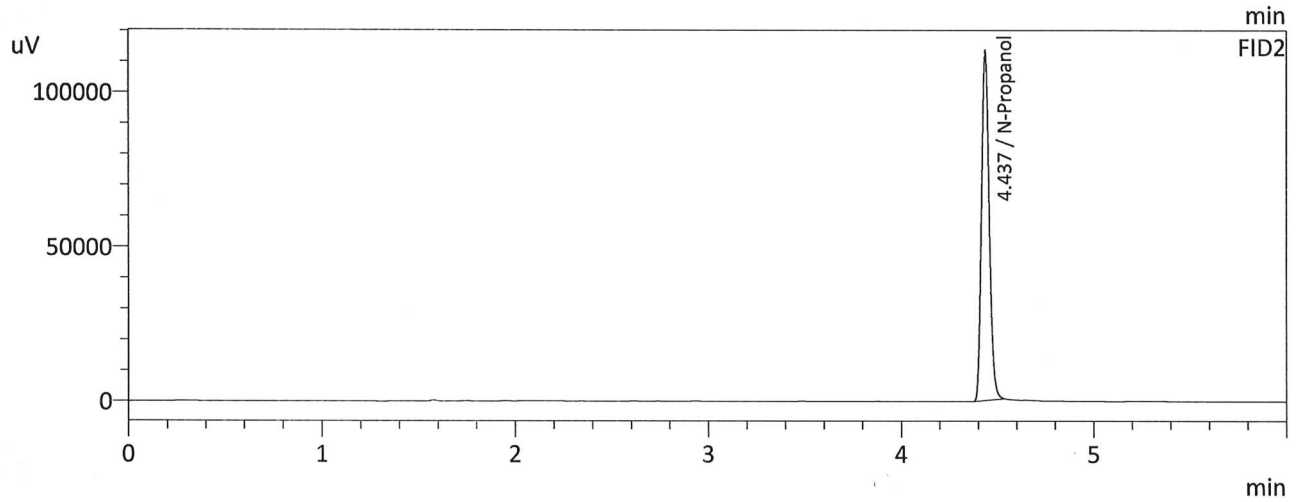
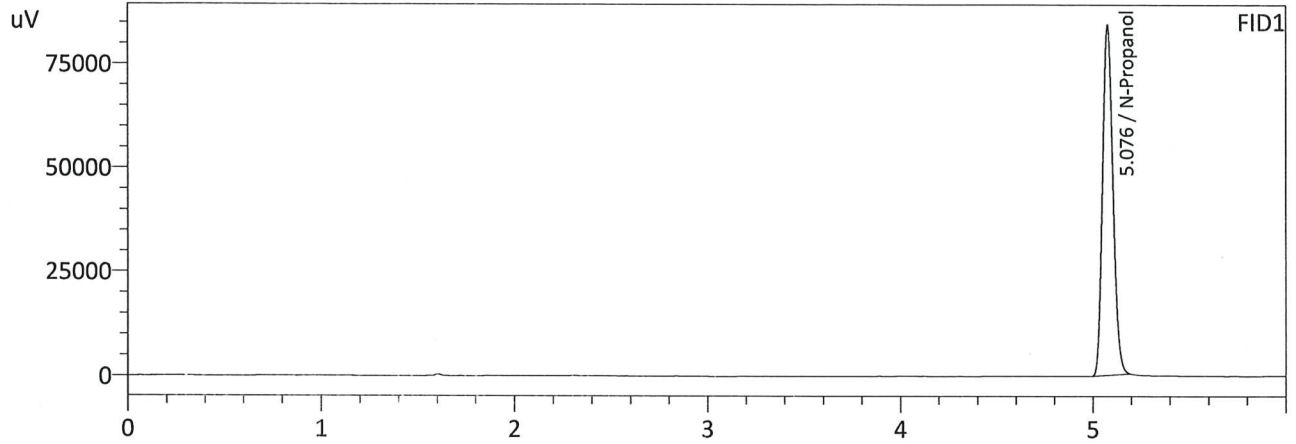
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	269968	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	275387	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 4
 Laboratory : Coeur d' Alene Lab
 Injection Date : 8/30/2023 7:11:25 PM
 Vial # : 42
 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	315157	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	321509	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc