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5/14/2024

Worklist: 6819

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
C2024-0293	1	BCK	Alcohol Analysis	
C2024-0851	1	BCK	Alcohol Analysis	
C2024-0853	1	BCK	Alcohol Analysis	
C2024-0859	1	BCK	Alcohol Analysis	
C2024-0880	1	BCK	Alcohol Analysis	
C2024-0894	1	BCK	Alcohol Analysis	
C2024-0902	1	BCK	Alcohol Analysis	
C2024-0912	1	BCK	Alcohol Analysis	
C2024-0915	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 FN06171903	1:Standard:(R)	1	ALCOHOL Long.gcm
3	0.100 FN11172002	1:Standard:(R)	2	ALCOHOL Long.gcm
4	0.200 FN03132302	1:Standard:(R)	3	ALCOHOL Long.gcm
5	0.400 FN03052102	1:Standard:(R)	4	ALCOHOL Long.gcm
6	0.500 FN06262004	1:Standard:(R)	5	ALCOHOL Long.gcm
7	INT STD BLK 2	0:Unknown	0	ALCOHOL Long.gcm
8	I-COMP MIX LOT# FN01	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 LOT# FN0623220	0:Unknown	0	ALCOHOL Long.gcm
13	0.8 QA - B LOT# FN062322	0:Unknown	0	ALCOHOL Long.gcm
14	C2024-0293-1	0:Unknown	0	ALCOHOL Long.gcm
15	C2024-0293-1-B	0:Unknown	0	ALCOHOL Long.gcm
16	C2024-0851-1	0:Unknown	0	ALCOHOL Long.gcm
17	C2024-0851-1-B	0:Unknown	0	ALCOHOL Long.gcm
18	C2024-0853-1	0:Unknown	0	ALCOHOL Long.gcm
19	C2024-0853-1-B	0:Unknown	0	ALCOHOL Long.gcm
20	C2024-0859-1	0:Unknown	0	ALCOHOL Long.gcm
21	C2024-0859-1-B	0:Unknown	0	ALCOHOL Long.gcm
22	C2024-0880-1	0:Unknown	0	ALCOHOL Long.gcm
23	C2024-0880-1-B	0:Unknown	0	ALCOHOL Long.gcm
24	C2024-0894-1	0:Unknown	0	ALCOHOL Long.gcm
25	C2024-0894-1-B	0:Unknown	0	ALCOHOL Long.gcm
26	C2024-0902-1	0:Unknown	0	ALCOHOL Long.gcm
27	C2024-0902-1-B	0:Unknown	0	ALCOHOL Long.gcm
28	C2024-0912-1	0:Unknown	0	ALCOHOL Long.gcm
29	C2024-0912-1-B	0:Unknown	0	ALCOHOL Long.gcm
30	C2024-0915-1	0:Unknown	0	ALCOHOL Long.gcm
31	C2024-0915-1-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	INT STD BLK 4	0:Unknown	0	ALCOHOL Long.gcm

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): 5-14-2024

Calibration Date: (if different)

Worklist # 6819

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results	
Level 1	Feb-25	2101199	0.0808	0.0727 - 0.0889	0.0836 g/100cc	
					g/100cc	
					g/100cc	
Level 2	Mar-26	2110181	0.2030	0.1827 - 0.2233	0.1983 g/100cc	
					g/100cc	
					g/100cc	
Multi-Component mixture:		Exp:	January 31, 2026	Lot #	FN01212104	OK
Curve Fit:			Column 1	0.99949	Column2	0.99940

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0535	0.0537	0.0002	0.0536
100	0.100	0.090 - 0.110	0.1003	0.1006	0.0003	0.1004
200	0.200	0.180 - 0.220	0.1958	0.1951	0.0007	0.1954
300	0.300	0.270 - 0.330			0.0000	#DIV/0!
400	0.400	0.360 - 0.440	0.3953	0.3951	0.0002	0.3952
500	0.500	0.450 - 0.550	0.5049	0.5052	0.0003	0.505

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 4:06 pm, May 15, 2024

Revision: 5

Issue Date: 07/05/2022

Issuing Authority: Quality Manager

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Internal Standard Monitoring Worksheet

Worklist #: 6794 **Run Date(s):** 5-14-2024



Internal Standard Solution: Lot# A014463901	Prep Date: 2/29/2024	Exp Date: 8/29/2024
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Sample Name	Column 1 Value	Column 2 Value
0.080	247866	249957
0.080	245652	247708
QC1	246755	249743
QC1	247229	250604
QC1		
QC1		
QC1		
QC1		
QC2	277153	279477
QC2	275027	278065
QC2		
QC2		
QC2		
QC2		

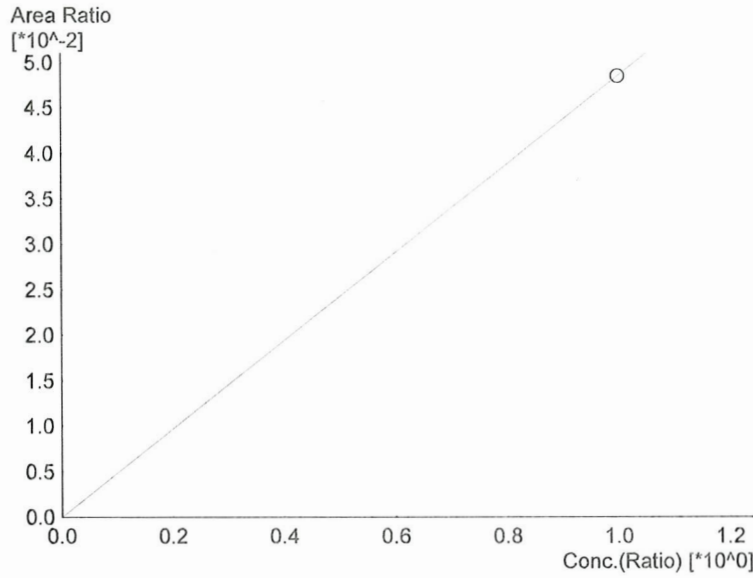
	Average	(-)20%	(+)20%
Column 1	256613.7	205290.9	307936.4
Column 2	259259.0	207407.2	311110.8

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Calibration Table

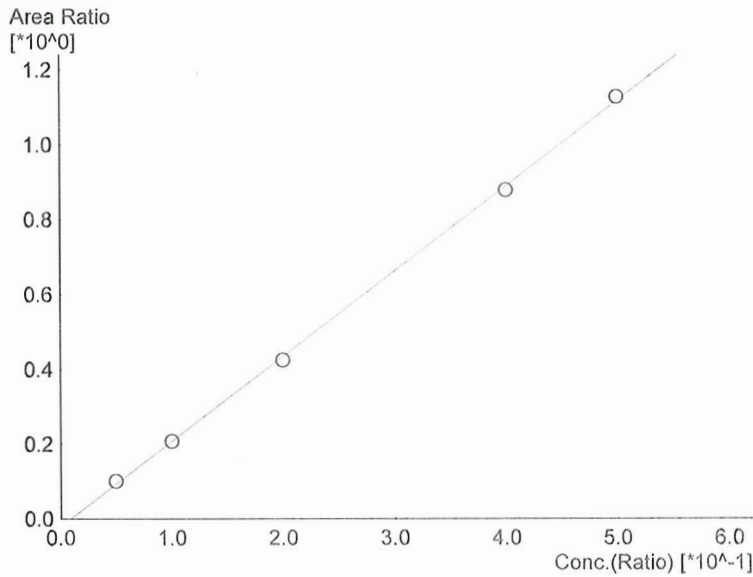
Laboratory : Coeur d'Alene
 Instrument Name : BML8F33-Instrument1
 Instrument Serial # : C12255850700 / C12595700181

<<Data File>>
 Method File :Default Project - ALCOHOL Long.gcm
 Batch File :Default Project - 5-14-24.gcb
 Date Acquired :5/14/2024 4:14:30 PM
 Date Created :5/14/2024 4:11:54 PM
 Date Modified :5/14/2024 4:20:32 PM



Name : Methanol
 Detector Name: FID1
 Function : $f(x)=0.0484879*x+0$
 R² value= 1.000000
 FitType: Linear
 ZeroThrough: Not Through

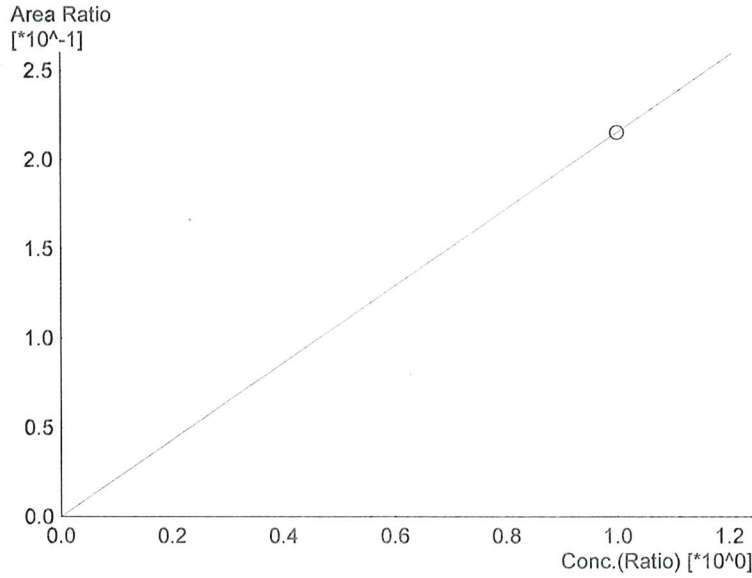
#	Conc.	Area	Std. Conc.
6	1.000	12094	1.0000



Name : Ethanol
 Detector Name: FID1
 Function : $f(x)=2.27382*x-0.0205277$
 R² value= 0.9994931
 FitType: Linear
 ZeroThrough: Not Through

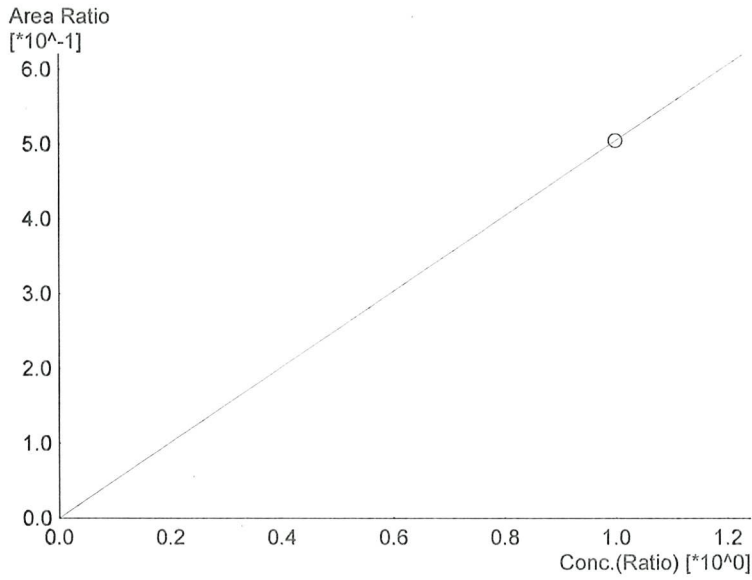
#	Conc.	Area	Std. Conc.
1	0.050	23749	0.0535
2	0.100	48740	0.1003
3	0.200	100179	0.1958
4	0.400	206547	0.3953
5	0.500	269321	0.5049

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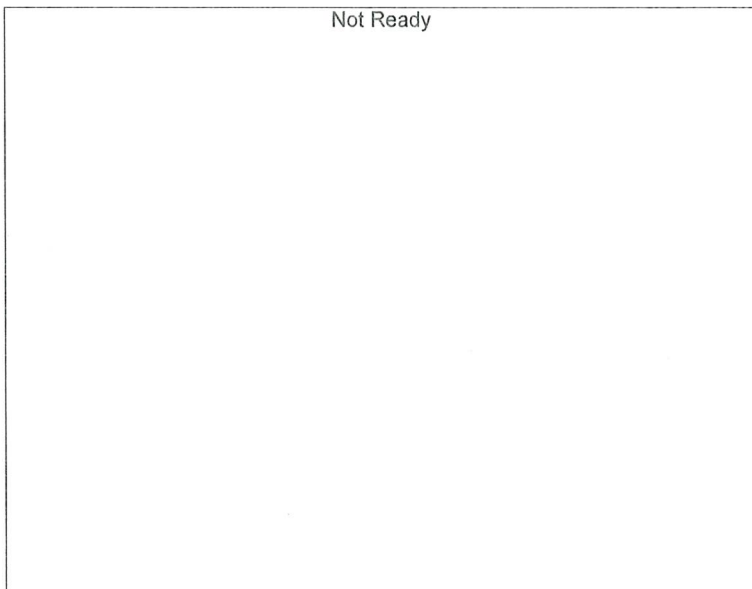
Name : Isopropyl Alcohol
Detector Name: FID1
Function : $f(x)=0.215352*x+0$
R² value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	53716	1.0000



Name : Acetone
Detector Name: FID1
Function : $f(x)=0.505074*x+0$
R² value= 1.000000
FitType: Linear
ZeroThrough: Not Through

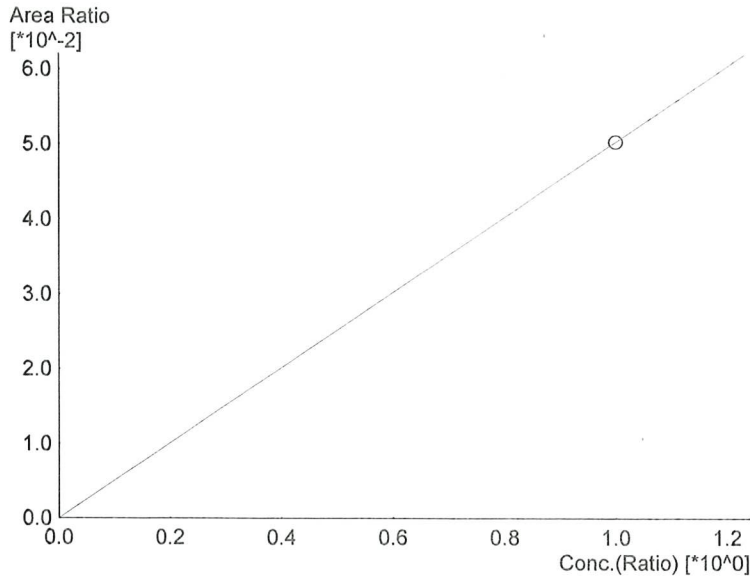
#	Conc.	Area	Std. Conc.
6	1.000	125982	1.0000



Name : Fluor. Hydrocarbon(s)
Detector Name: FID1
Function : $f(x)=0*x+0$
R² value= 0
FitType: Linear
ZeroThrough: Not Through

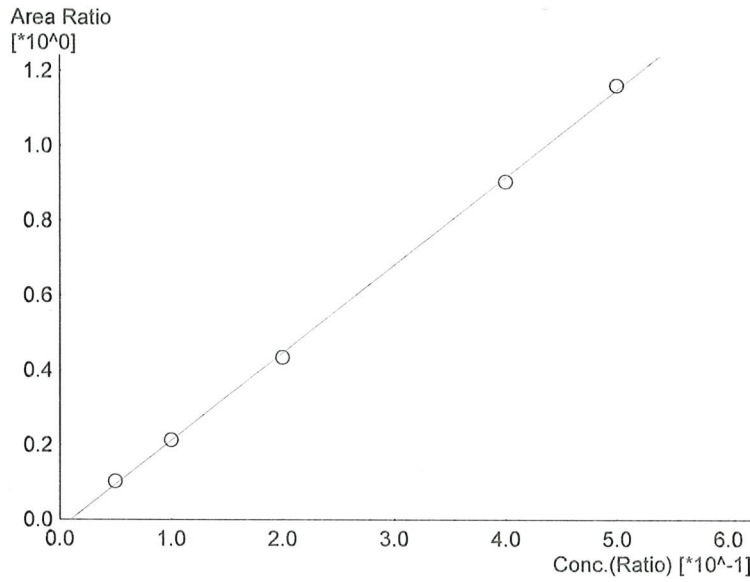
#	Conc.	Area	Std. Conc.
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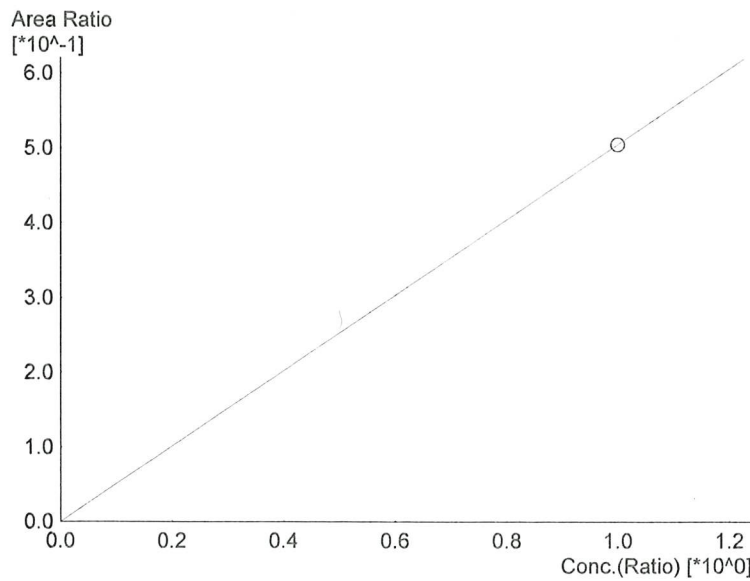
Name : Methanol
 Detector Name: FID2
 Function : $f(x)=0.0503168*x+0$
 R² value= 1.000000
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	12795	1.0000



Name : Ethanol
 Detector Name: FID2
 Function : $f(x)=2.34495*x-0.0232420$
 R² value= 0.9994041
 FitType: Linear
 ZeroThrough: Not Through

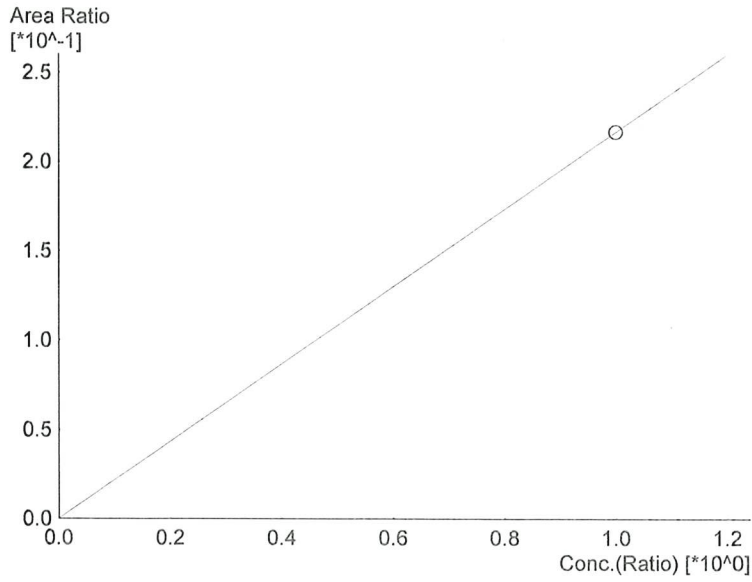
#	Conc.	Area	Std. Conc.
1	0.050	24400	0.0537
2	0.100	50508	0.1006
3	0.200	103392	0.1951
4	0.400	214213	0.3951
5	0.500	280690	0.5052



Name : Acetone
 Detector Name: FID2
 Function : $f(x)=0.505213*x+0$
 R² value= 1.000000
 FitType: Linear
 ZeroThrough: Not Through

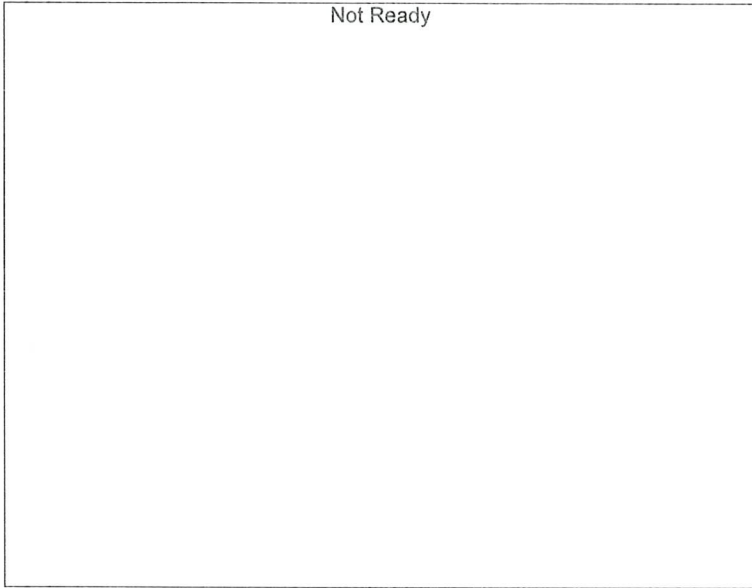
#	Conc.	Area	Std. Conc.
6	1.000	128474	1.0000

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Name : Isopropyl Alcohol
Detector Name: FID2
Function : $f(x)=0.216823*x+0$
R² value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	55138	1.0000

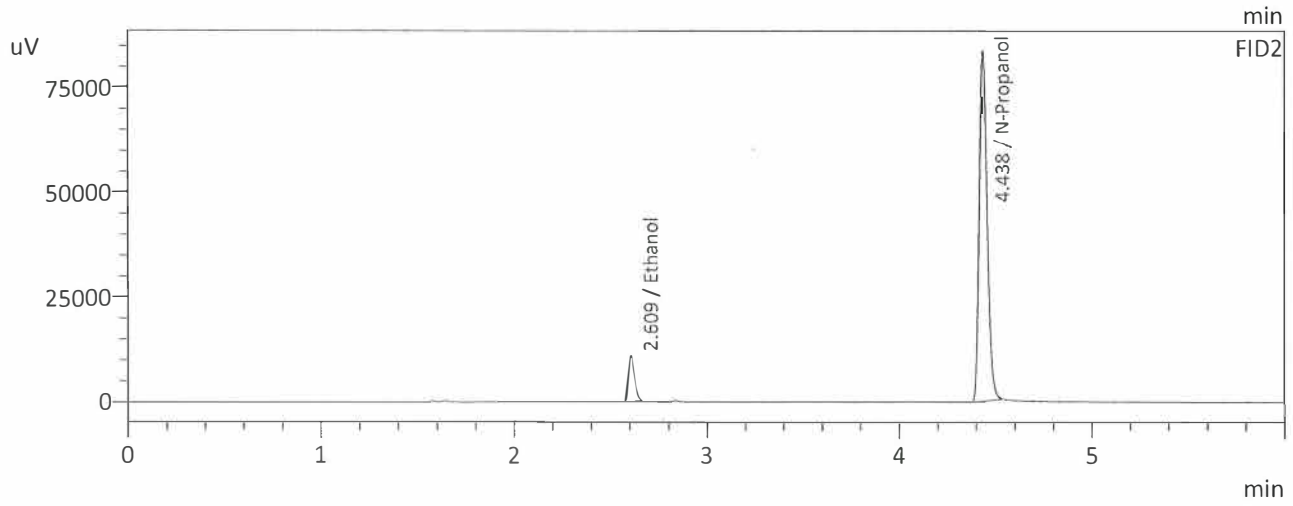
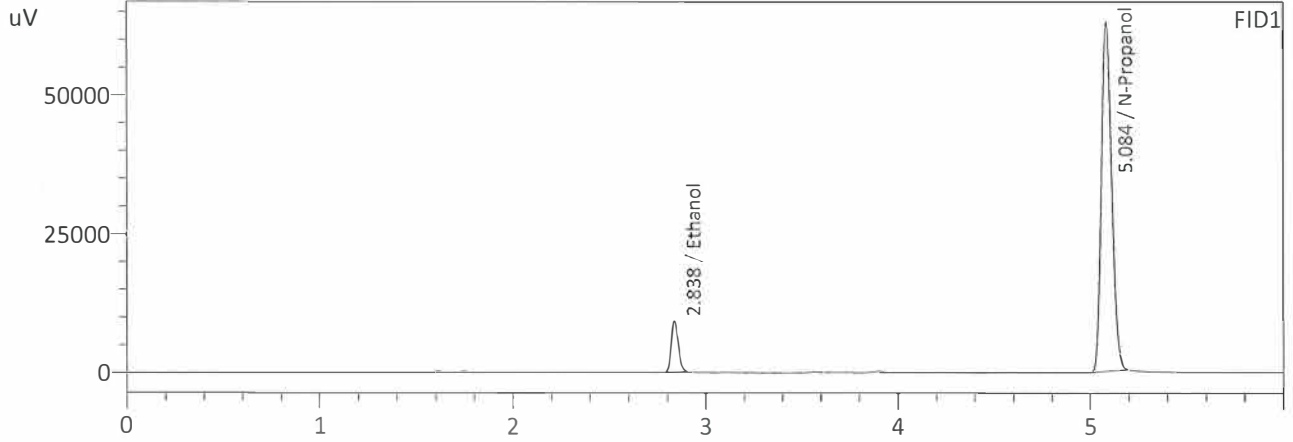


Name : Fluor. Hydrocarbon(s)
Detector Name: FID2
Function : $f(x)=0*x+0$
R² value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
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Sample Name : 0.050 FN06171903
 Laboratory : Coeur d' Alene Lab
 Injection Date : 5/14/2024 3:35:44 PM
 Vial # : 2
 Method Filename : Default Project - ALCOHOL Long.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

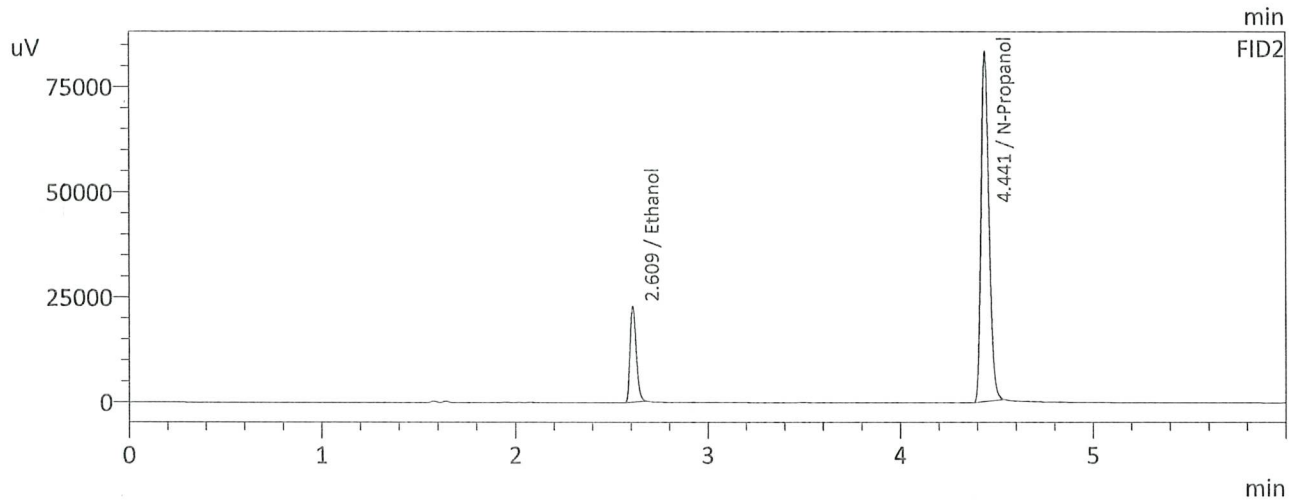
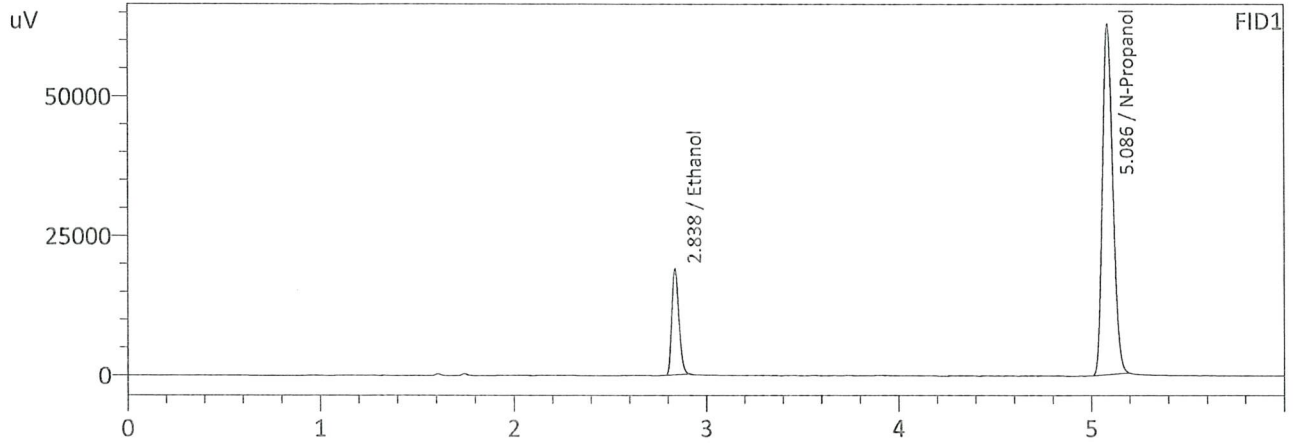
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0535	23749	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	234717	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0537	24400	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	237367	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

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Sample Name : 0.100 FN11172002
 Laboratory : Coeur d' Alene Lab
 Injection Date : 5/14/2024 3:46:27 PM
 Vial # : 3
 Method Filename : Default Project - ALCOHOL Long.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

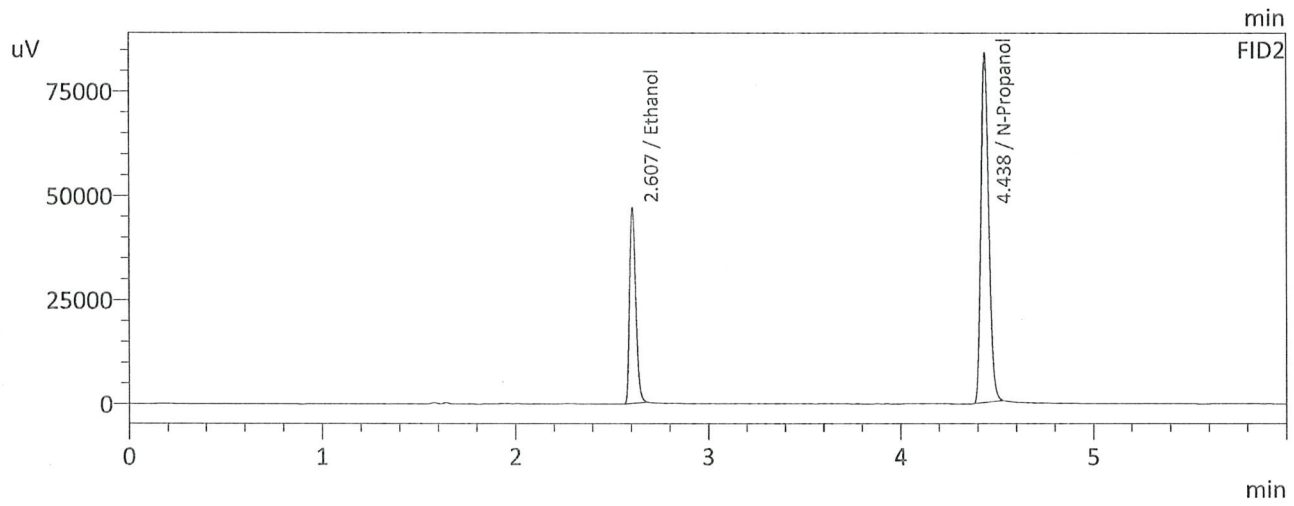
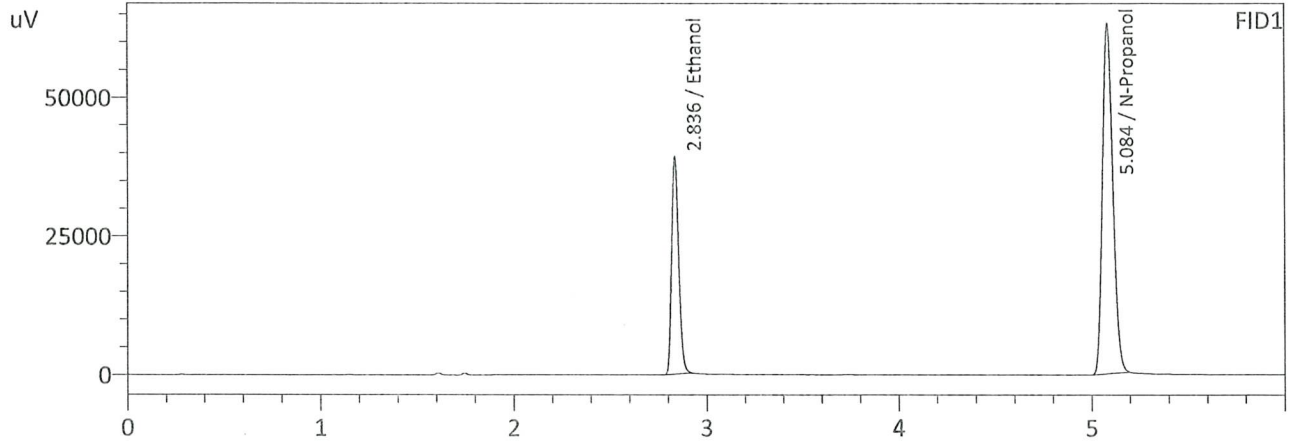
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1003	48740	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	234762	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1006	50508	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	237412	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

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Sample Name : 0.200 FN03132302
 Laboratory : Coeur d' Alene Lab
 Injection Date : 5/14/2024 3:55:07 PM
 Vial # : 4
 Method Filename : Default Project - ALCOHOL Long.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

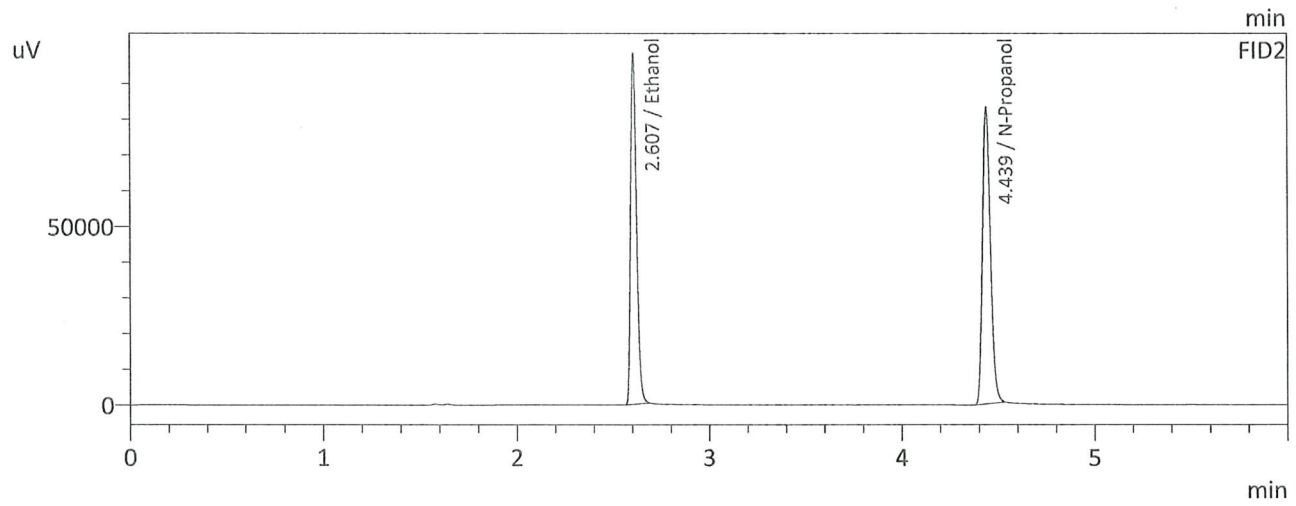
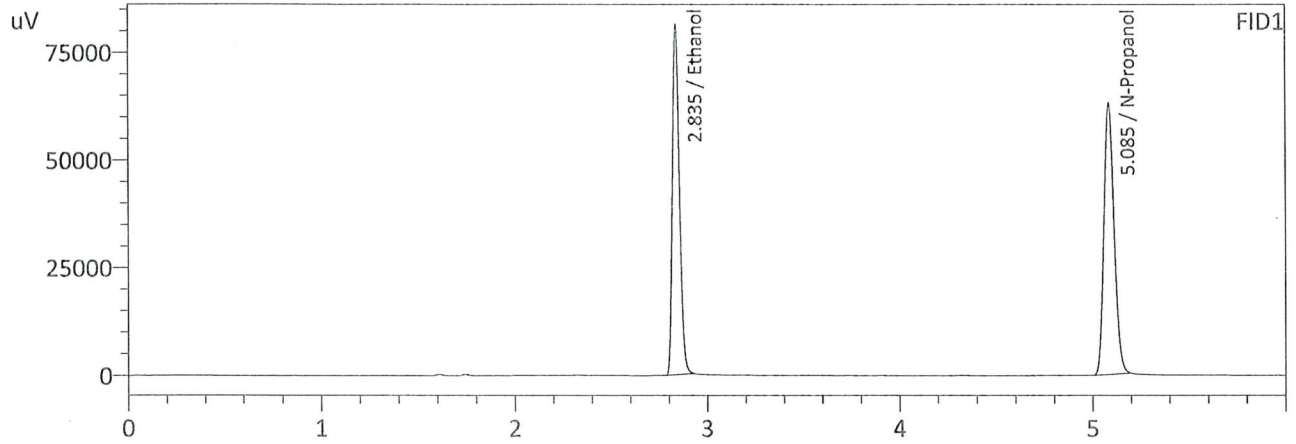
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1958	100179	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	235880	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1951	103392	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	238046	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

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Sample Name : 0.400 FN03052102
 Laboratory : Coeur d' Alene Lab
 Injection Date : 5/14/2024 4:05:49 PM
 Vial # : 5
 Method Filename : Default Project - ALCOHOL Long.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

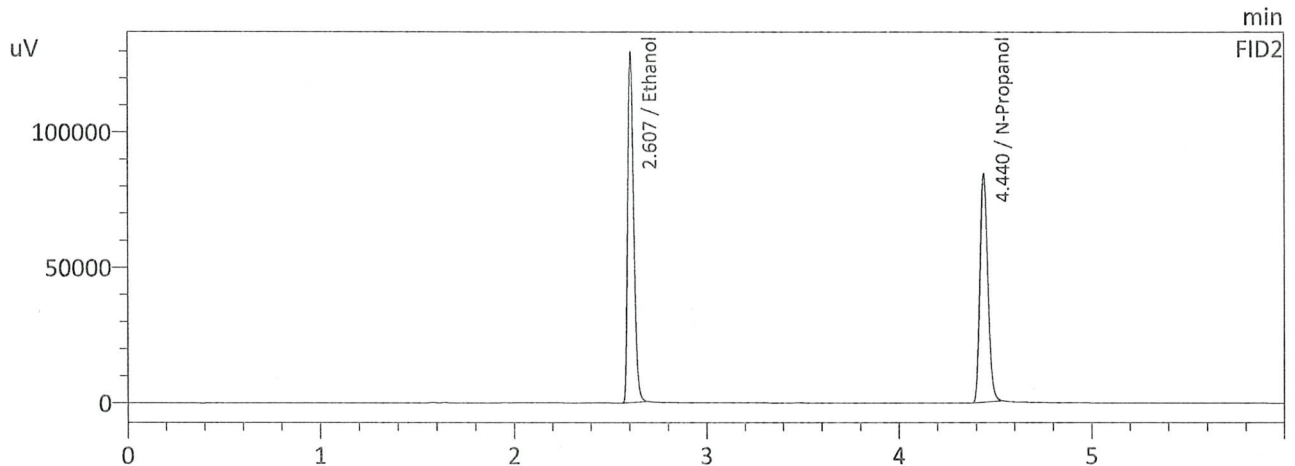
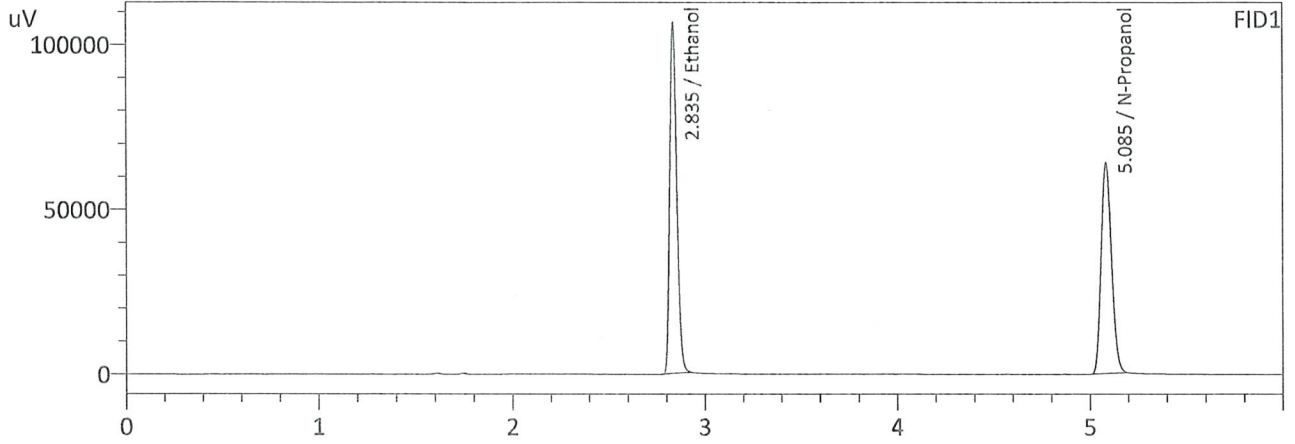
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.3953	206547	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	235116	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.3951	214213	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	237109	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

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Sample Name : 0.500 FN06262004
 Laboratory : Coeur d' Alene Lab
 Injection Date : 5/14/2024 4:14:30 PM
 Vial # : 6
 Method Filename : Default Project - ALCOHOL Long.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

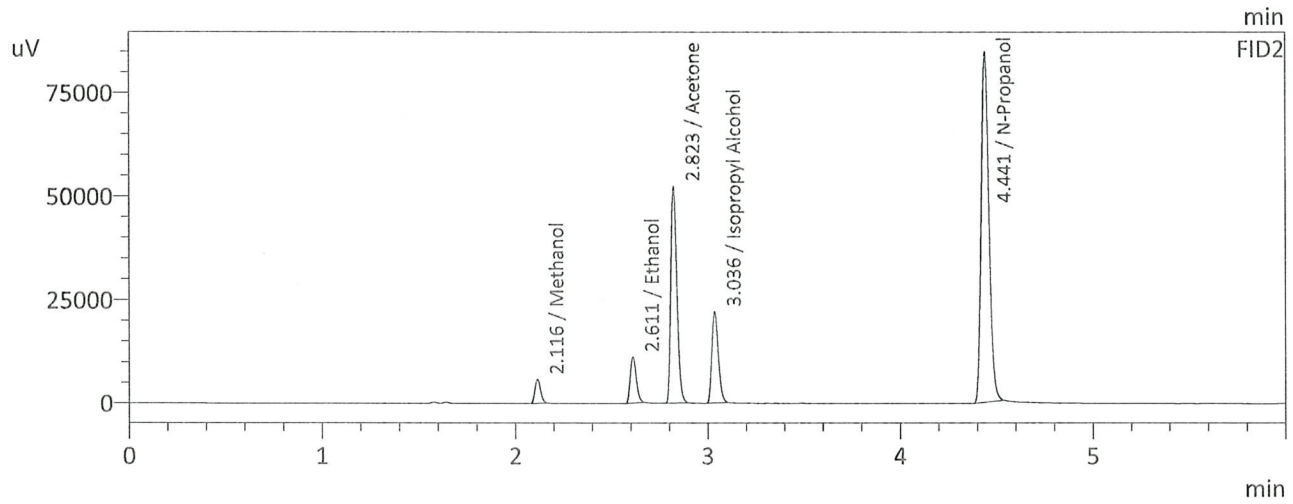
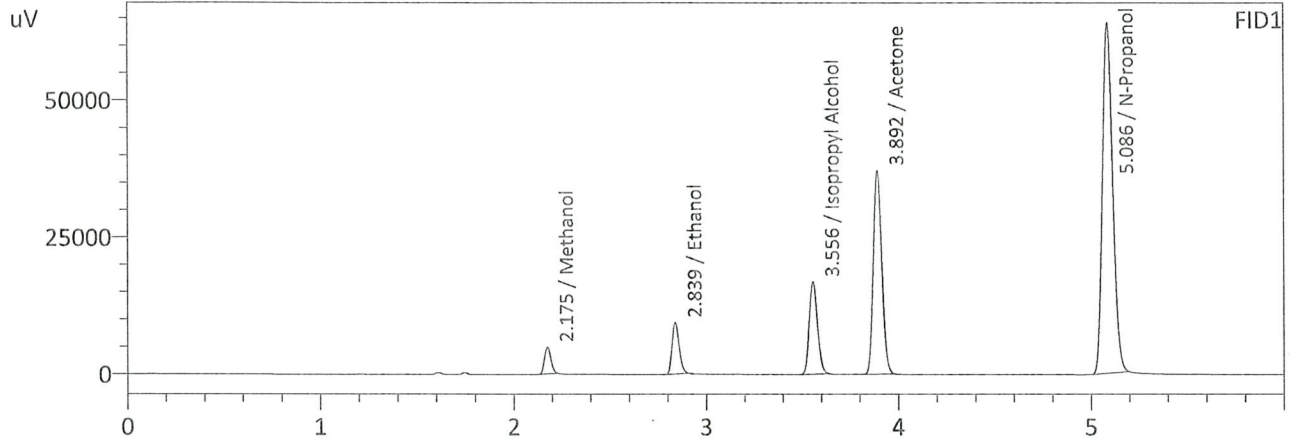
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5049	269321	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	238832	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5052	280690	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	241629	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

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Sample Name : MULTI-COMP MIX LOT# FN01212104
 Laboratory : Coeur d' Alene Lab
 Injection Date : 5/14/2024 4:33:53 PM
 Vial # : 8
 Method Filename : Default Project - ALCOHOL Long.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

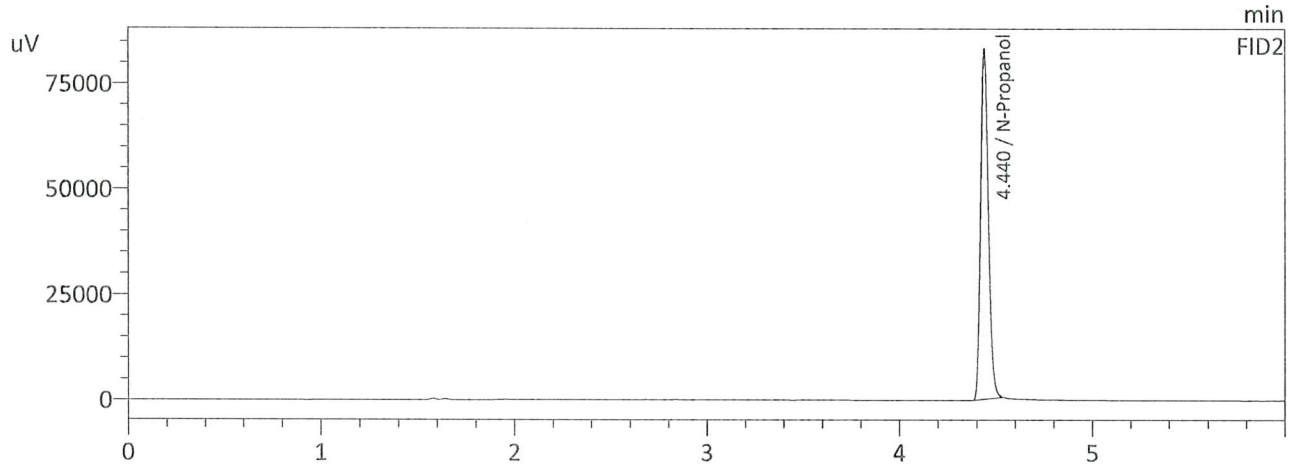
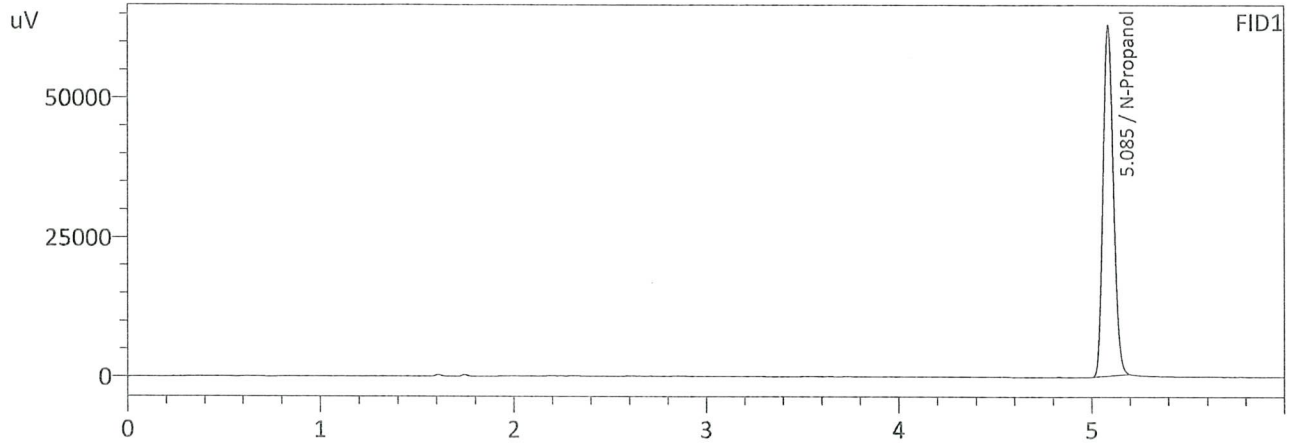
Name	Conc.	Area	Unit
Methanol	1.0000	11248	g/100cc
Ethanol	0.0532	23986	g/100cc
Isopropyl Alcohol	1.0000	50822	g/100cc
Acetone	1.0000	114392	g/100cc
N-Propanol	0.0000	238765	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	1.0000	11880	g/100cc
Ethanol	0.0535	24673	g/100cc
Acetone	1.0000	116735	g/100cc
Isopropyl Alcohol	1.0000	51671	g/100cc
N-Propanol	0.0000	241150	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

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Sample Name : INT STD BLK 1
 Laboratory : Coeur d' Alene Lab
 Injection Date : 5/14/2024 3:27:02 PM
 Vial # : 1
 Method Filename : Default Project - ALCOHOL Long.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

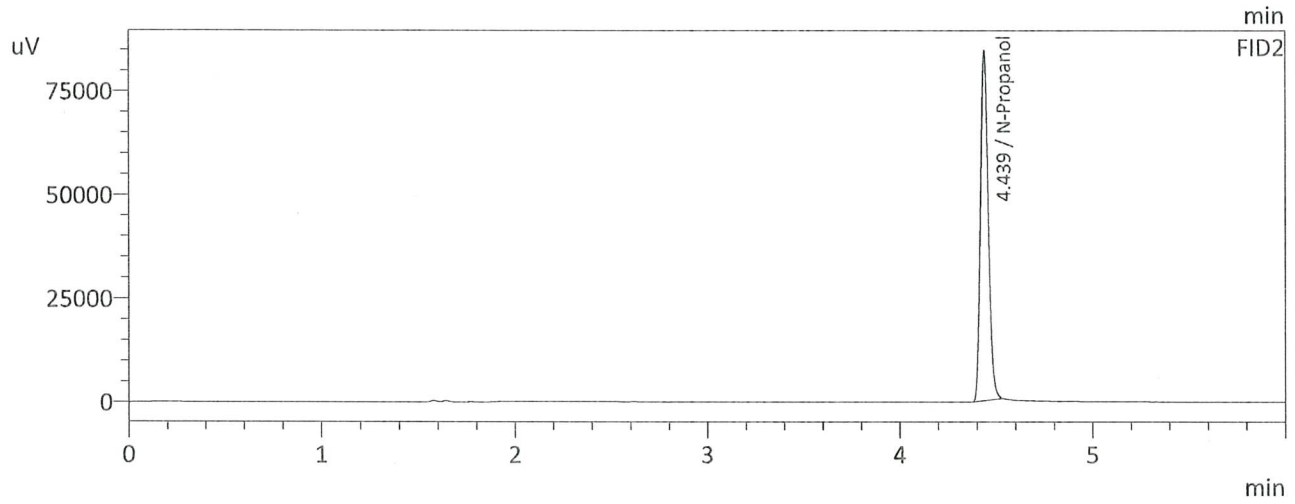
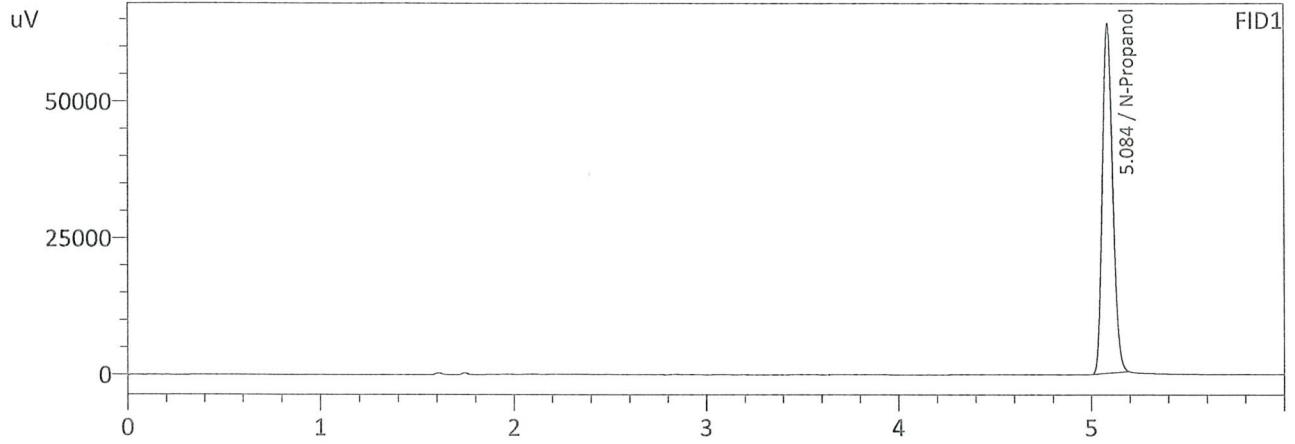
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	234880	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	237356	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

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Sample Name : INT STD BLK 2
 Laboratory : Coeur d' Alene Lab
 Injection Date : 5/14/2024 4:25:13 PM
 Vial # : 7
 Method Filename : Default Project - ALCOHOL Long.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

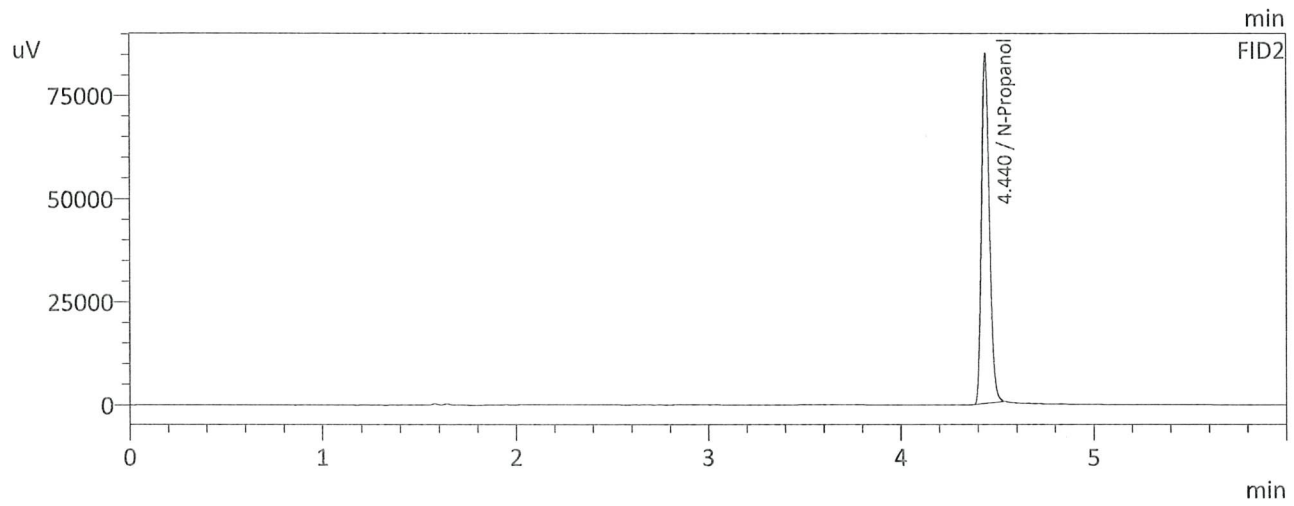
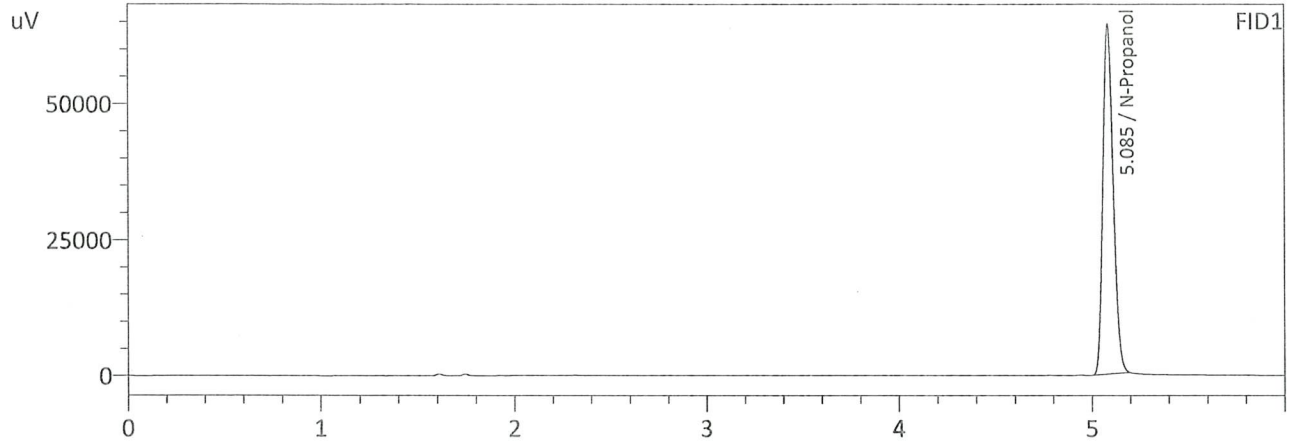
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	238542	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	240628	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 3
 Laboratory : Coeur d' Alene Lab
 Injection Date : 5/14/2024 4:44:38 PM
 Vial # : 9
 Method Filename : Default Project - ALCOHOL Long.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

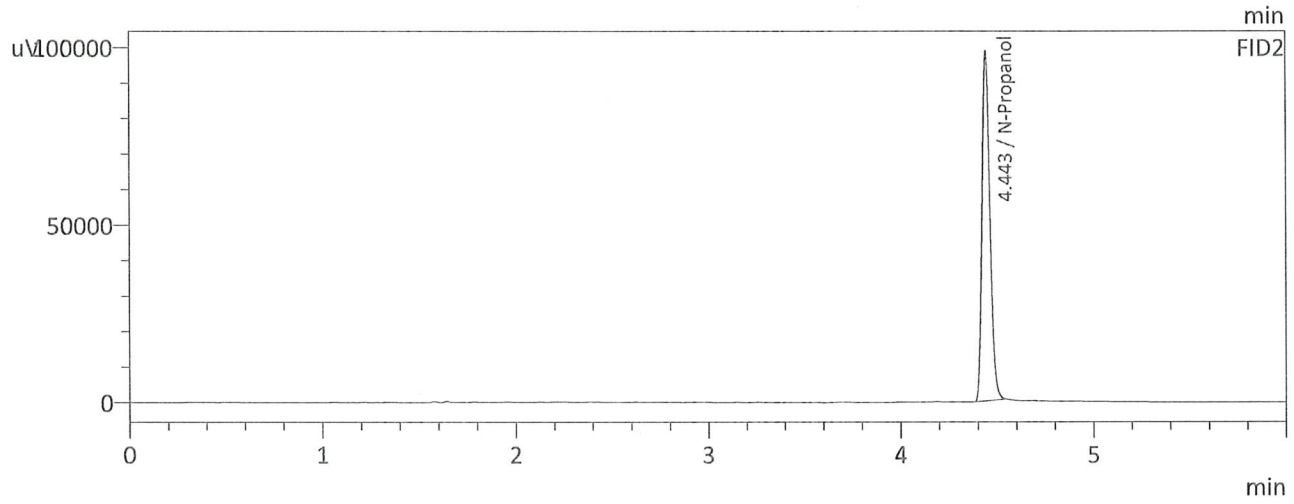
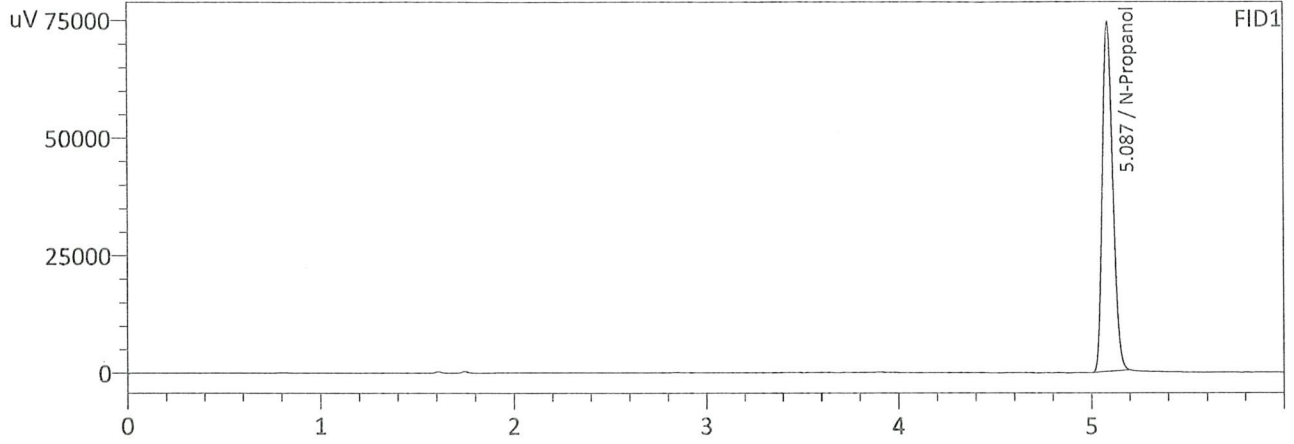
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	239667	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	242213	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 4
 Laboratory : Coeur d' Alene Lab
 Injection Date : 5/14/2024 8:45:59 PM
 Vial # : 34
 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	277740	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	279908	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: 0.08 QA LOT# FN06232204

Analysis Date(s): 5/14/2024 5:12:42 PM(-07:00)

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0826	0.0829	0.0003	0.0827	0.0007	0.0824
(g/100cc)	0.0819	0.0822	0.0003	0.0820		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL Long.gcm

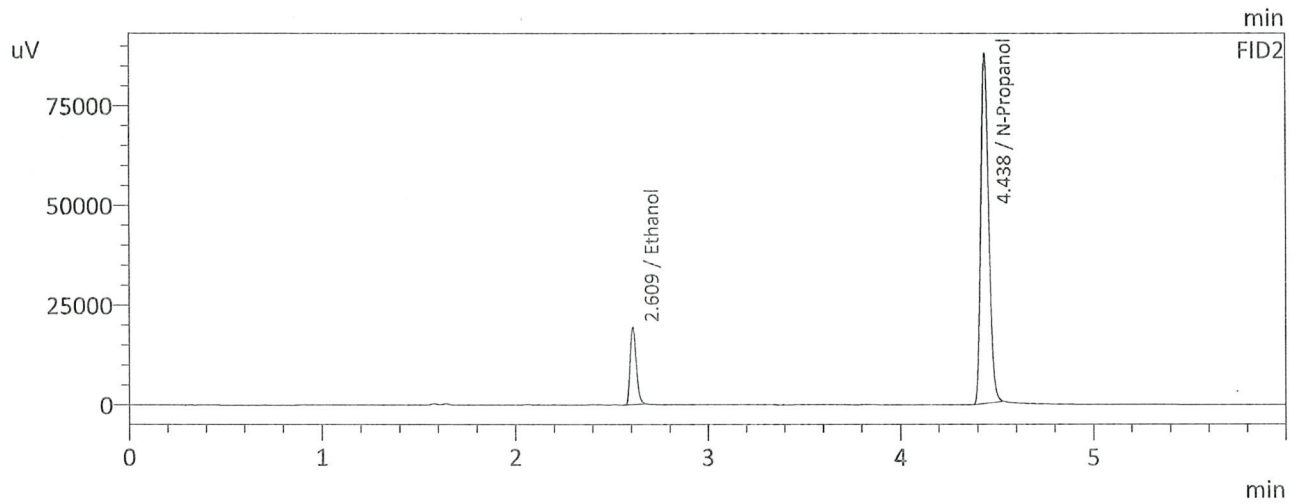
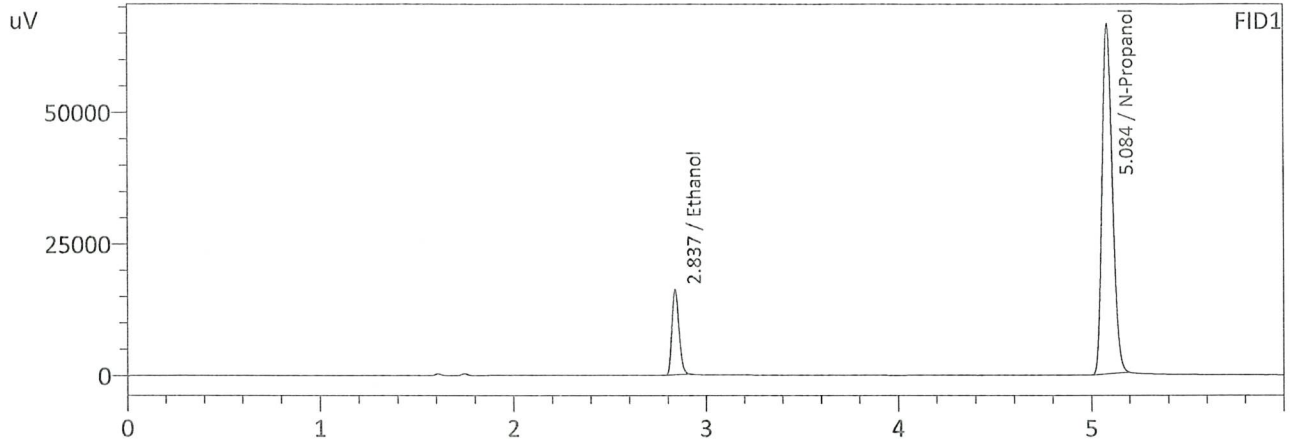
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.082	0.077	0.087	0.005

	Reported Results
	0.082

Calibration and control data are stored centrally.

99

Sample Name : 0.08 QA LOT# FN06232204
 Laboratory : Coeur d' Alene Lab
 Injection Date : 5/14/2024 5:12:42 PM
 Vial # : 12
 Method Filename : Default Project - ALCOHOL Long.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

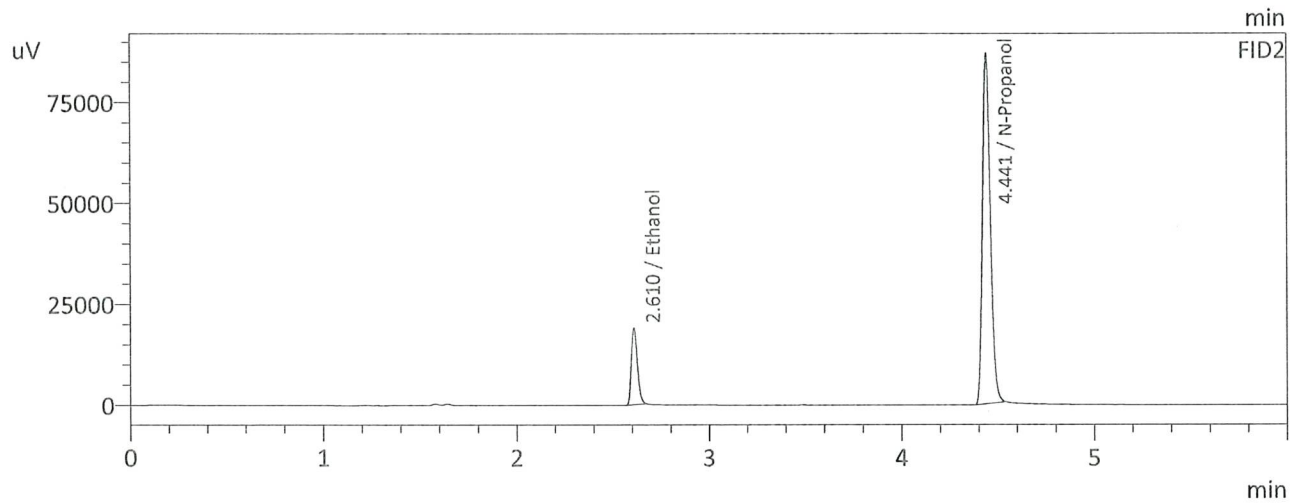
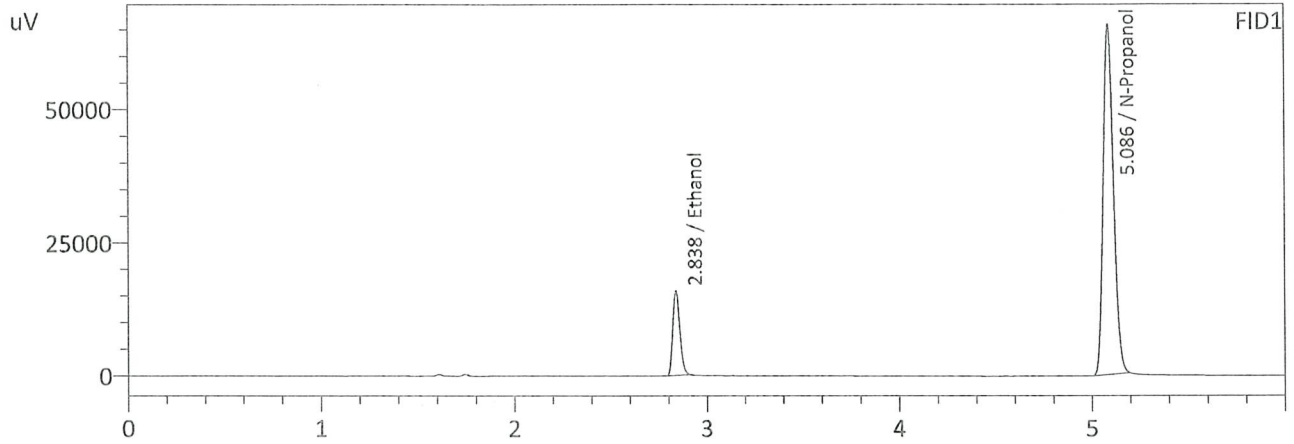
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0826	41471	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	247866	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0829	42790	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	249957	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : 0.08 QA - B LOT# FN06232204
 Laboratory : Coeur d' Alene Lab
 Injection Date : 5/14/2024 5:23:25 PM
 Vial # : 13
 Method Filename : Default Project - ALCOHOL Long.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0819	40713	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	245652	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0822	42045	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	247708	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-1-1			Analysis Date(s): 5/14/2024 4:53:18 PM(-07:00)			
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0835	0.0834	0.0001	0.0834	0.0004	0.0836
(g/100cc)	0.0840	0.0837	0.0003	0.0838		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL Long.gcm

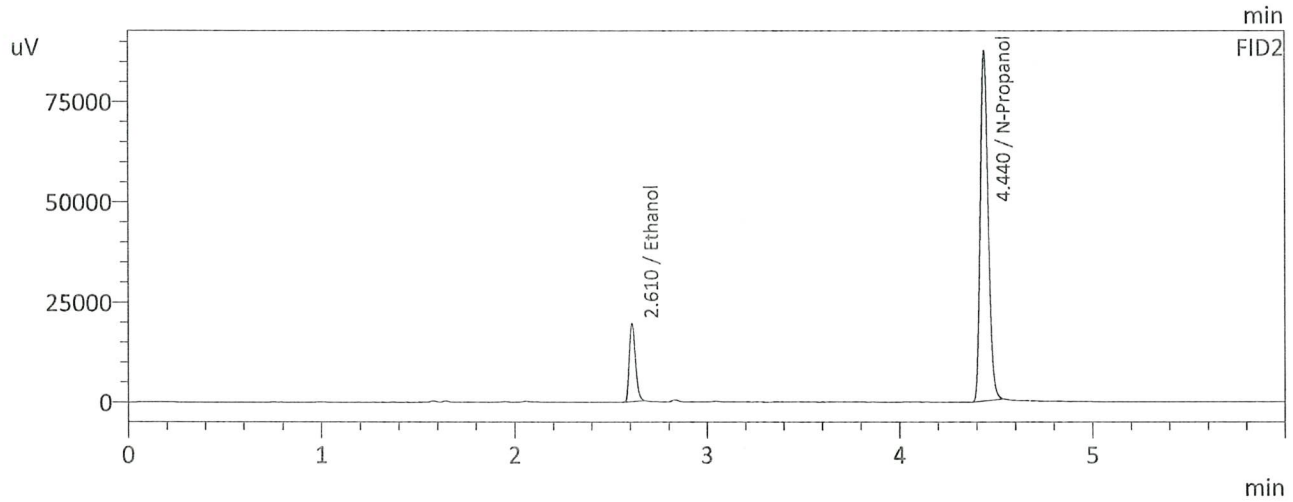
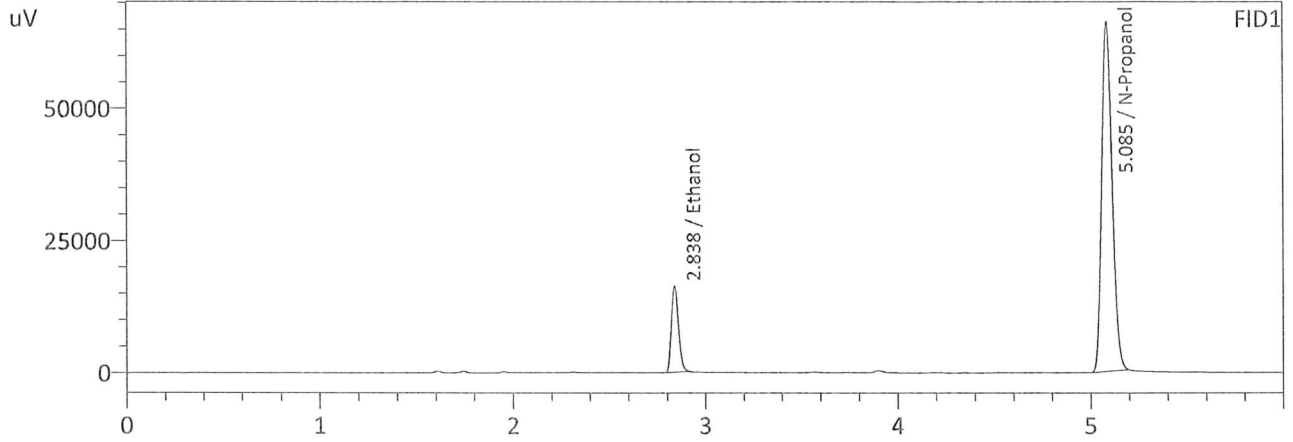
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.083	0.078	0.088	0.005

Reported Results	
0.083	

Calibration and control data are stored centrally.

99

Sample Name : QC-1-1
 Laboratory : Coeur d' Alene Lab
 Injection Date : 5/14/2024 4:53:18 PM
 Vial # : 10
 Method Filename : Default Project - ALCOHOL Long.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

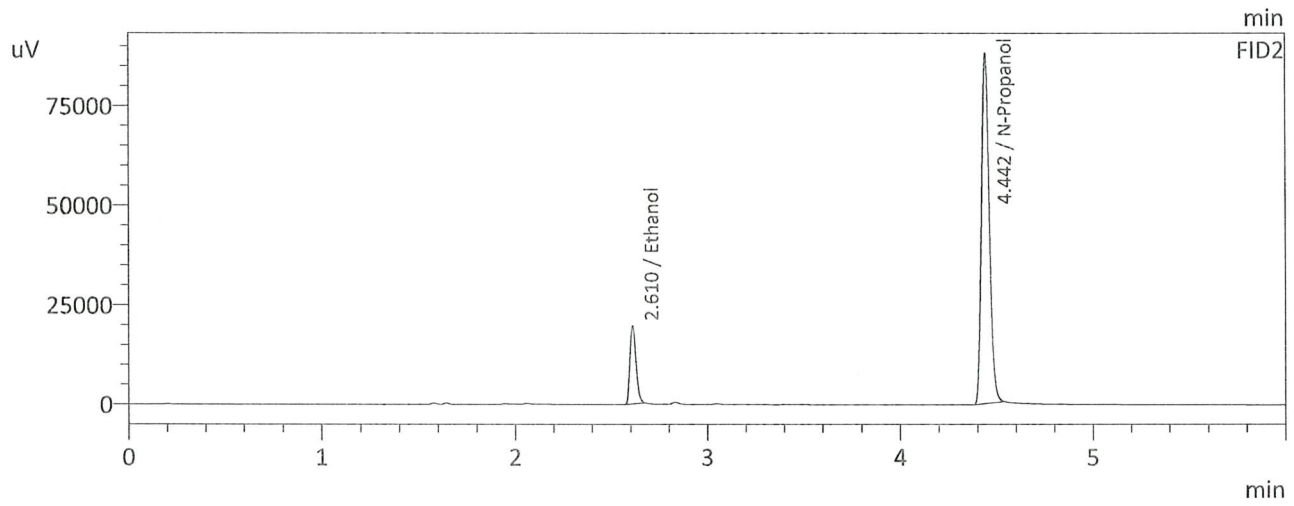
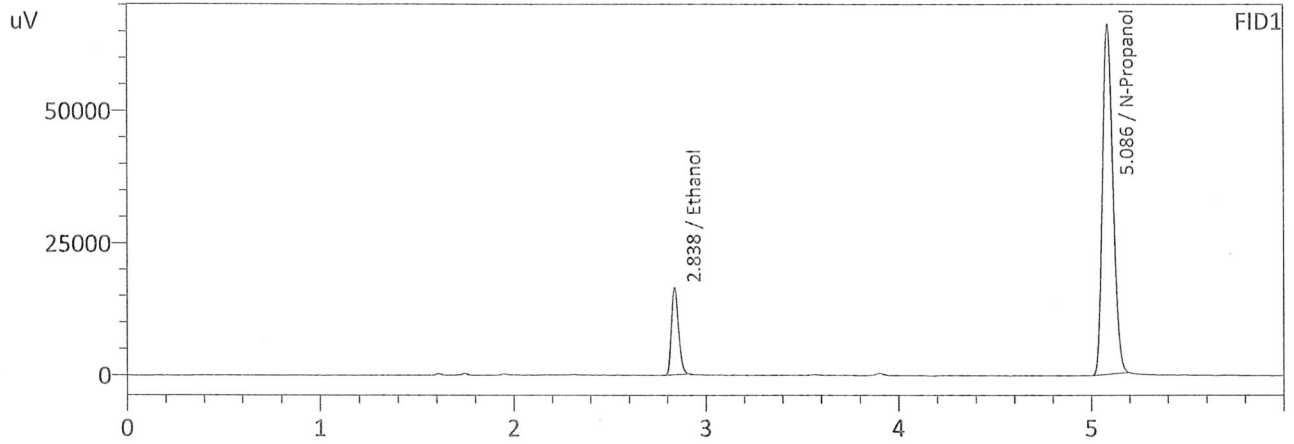
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0835	41815	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	246755	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0834	43081	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	249743	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-1-1-B
 Laboratory : Coeur d' Alene Lab
 Injection Date : 5/14/2024 5:04:01 PM
 Vial # : 11
 Method Filename : Default Project - ALCOHOL Long.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0840	42149	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	247229	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0837	43392	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	250604	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-1		Analysis Date(s): 5/14/2024 8:26:44 PM(-07:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.1978	0.1976	0.0002	0.1977	0.0012	0.1983
(g/100cc)	0.1993	0.1986	0.0007	0.1989		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL Long.gcm

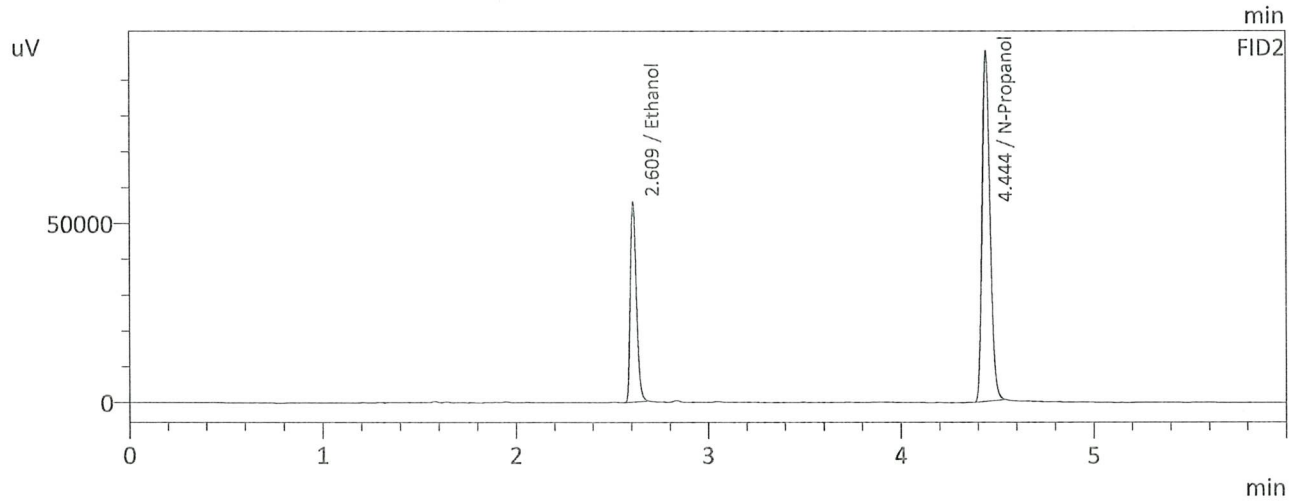
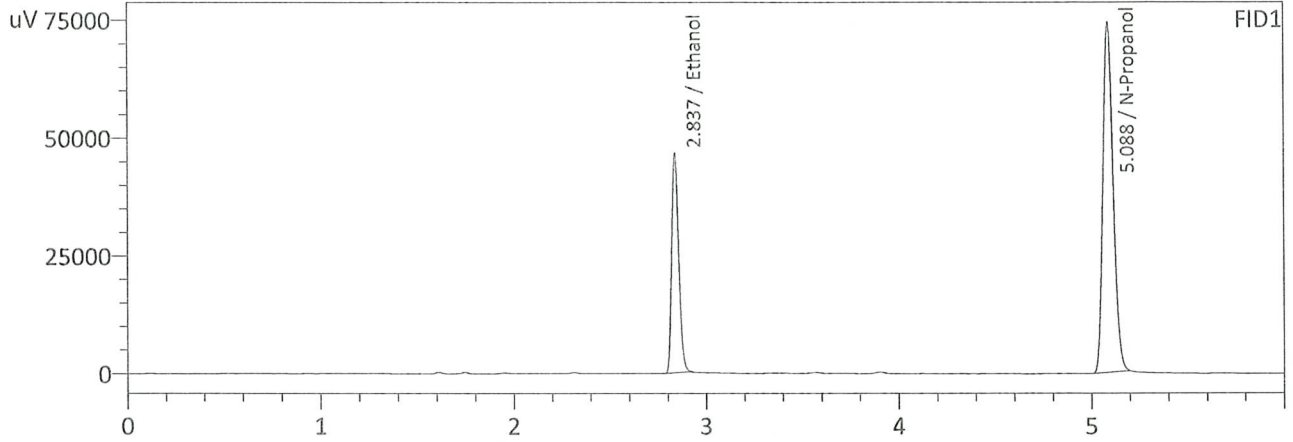
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.198	0.188	0.208	0.010

Reported Results	
0.198	

Calibration and control data are stored centrally.

99

Sample Name : QC-2-1
 Laboratory : Coeur d' Alene Lab
 Injection Date : 5/14/2024 8:26:44 PM
 Vial # : 32
 Method Filename : Default Project - ALCOHOL Long.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

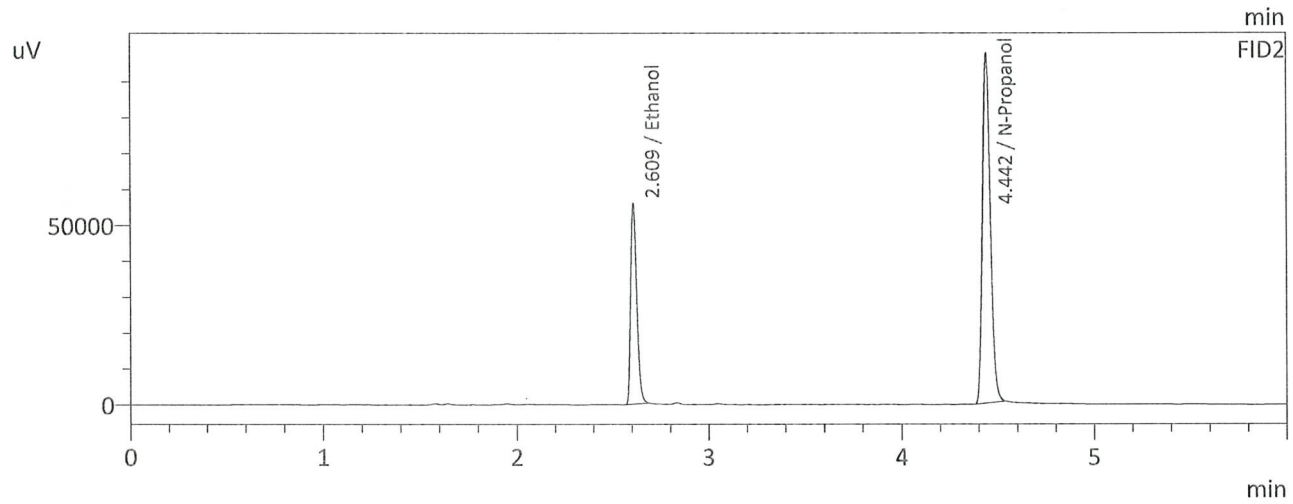
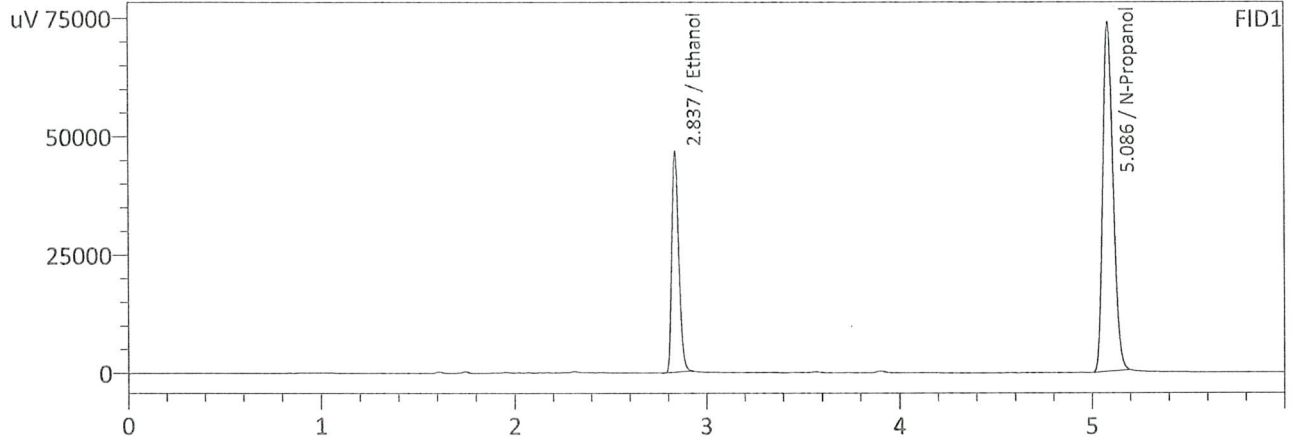
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1978	118986	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	277153	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1976	123060	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	279477	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-2-1-B
 Laboratory : Coeur d'Alene Lab
 Injection Date : 5/14/2024 8:37:28 PM
 Vial # : 33
 Method Filename : Default Project - ALCOHOL Long.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1993	119028	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	275027	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1986	123089	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	278065	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc