

Internal Standard Monitoring Worksheet

Worklist #:	6567	Run Date(s):	11/17/23
--------------------	-------------	---------------------	-----------------

Internal Standard Solution:	Prep Date: 9/11/2023	Exp Date: 5/11/2023
-----------------------------	----------------------	--------------------------------

3/11/24

Sample Name	Column 1 Value	Column 2 Value
0.080	184945	200035
0.080	179201	193880
QC1	183602	198455
QC1	184923	200282
QC1	204399	221746
QC1	219700	238152
QC1		
QC1		
QC2	199907	216485
QC2	211701	229477
QC2	218158	236559
QC2	231008	250609
QC2		
QC2		

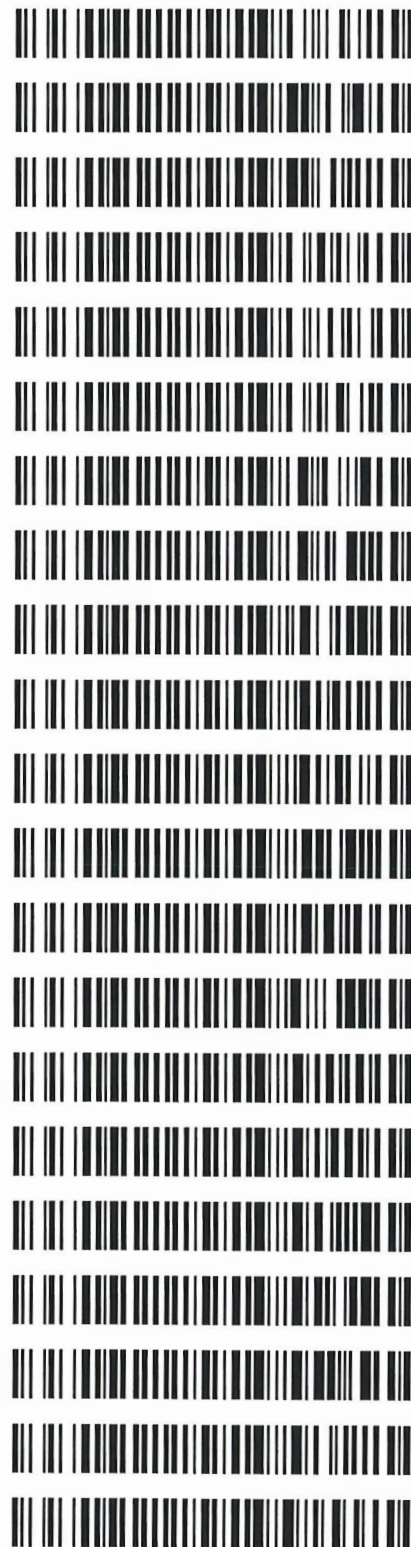
JG 11/21/23

	Average	(-)20%	(+)20%
Column 1	201754.4	161403.5	242105.3
Column 2	218568.0	174854.4	262281.6

JD

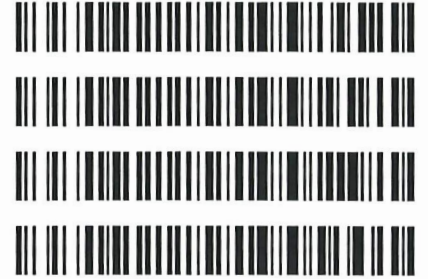
Worklist: 6567

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
M2023-4794	1	BCK	Alcohol Analysis
M2023-4800	3	BCK	Alcohol Analysis
M2023-4801	1	BCK	Alcohol Analysis
M2023-4808	1	BCK	Alcohol Analysis
M2023-4815	1	BCK	Alcohol Analysis
M2023-4818	1	BCK	Alcohol Analysis
M2023-4851	1	BCK	Alcohol Analysis
M2023-4852	1	BCK	Alcohol Analysis
M2023-4861	1	BCK	Alcohol Analysis
M2023-4871	1	BCK	Alcohol Analysis
M2023-4872	1	BCK	Alcohol Analysis
M2023-4894	1	BCK	Alcohol Analysis
M2023-4904	1	BCK	Alcohol Analysis
M2023-4906	1	BCK	Alcohol Analysis
M2023-4909	1	BCK	Alcohol Analysis
M2023-4910	1	BCK	Alcohol Analysis
M2023-4914	1	BCK	Alcohol Analysis
M2023-4915	1	BCK	Alcohol Analysis
M2023-4924	1	BCK	Alcohol Analysis
M2023-4925	1	BCK	Alcohol Analysis
M2023-4937	1	BCK	Alcohol Analysis

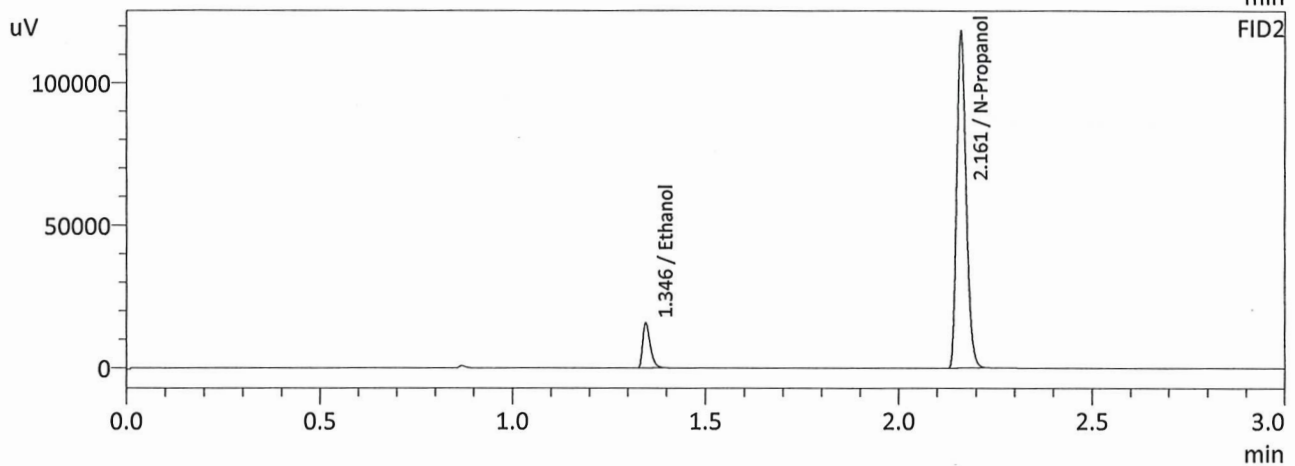
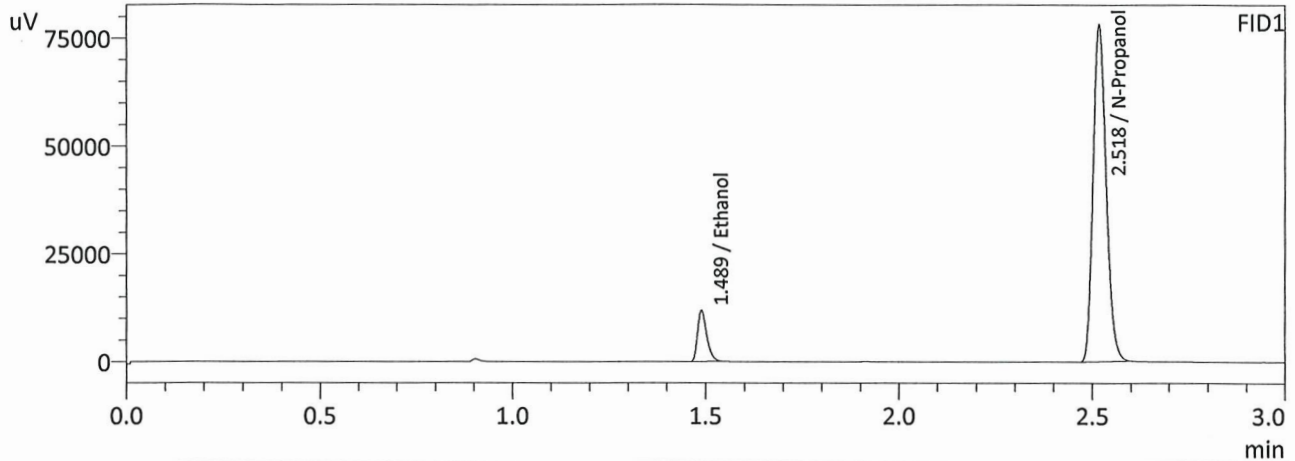


Worklist: 6567

<u>LAB_CASE</u>	<u>ITEM</u>	<u>ITEM_TYPE</u>	<u>DESCRIPTION</u>
M2023-4938	1	BCK	Alcohol Analysis
M2023-4939	1	BCK	Alcohol Analysis
M2023-4962	1	BCK	Alcohol Analysis
M2023-4963	1	BCK	Alcohol Analysis



Sample Name : 0.050
 Laboratory : Meridian
 Injection Date : 11/17/2023 12:35:58 PM
 Vial # : 1
 Method Filename : Default Project - ALCOHOL_111723JG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



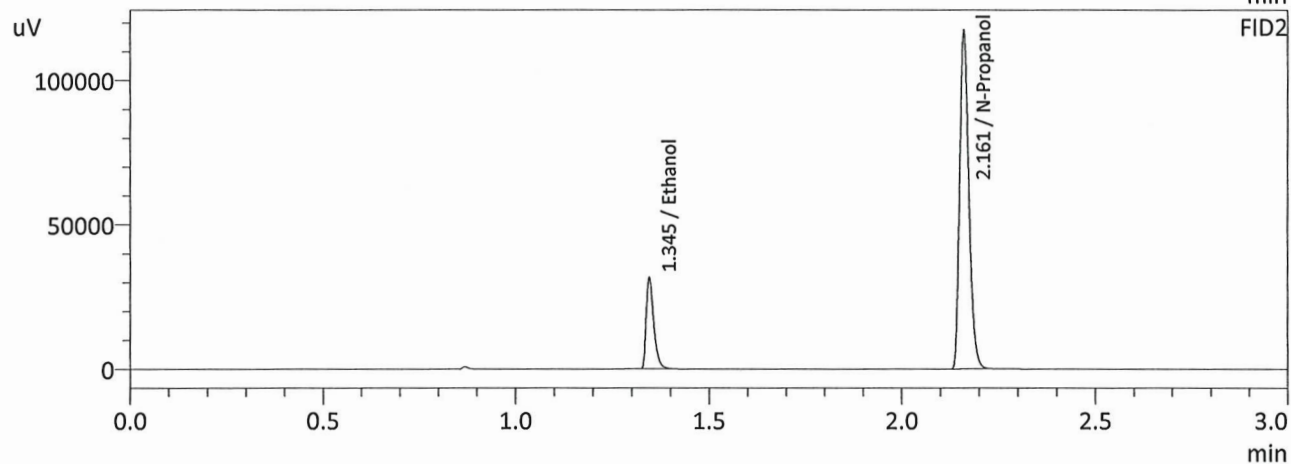
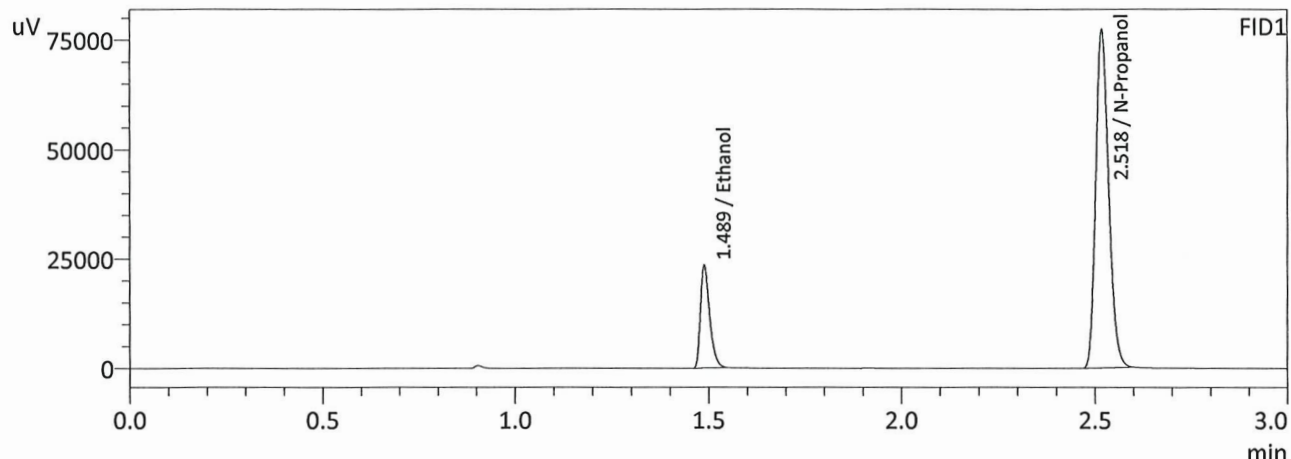
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0528	19652	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	182356	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0528	21080	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	196714	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : 0.100
 Laboratory : Meridian
 Injection Date : 11/17/2023 12:43:18 PM
 Vial # : 2
 Method Filename : Default Project - ALCOHOL_111723JG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



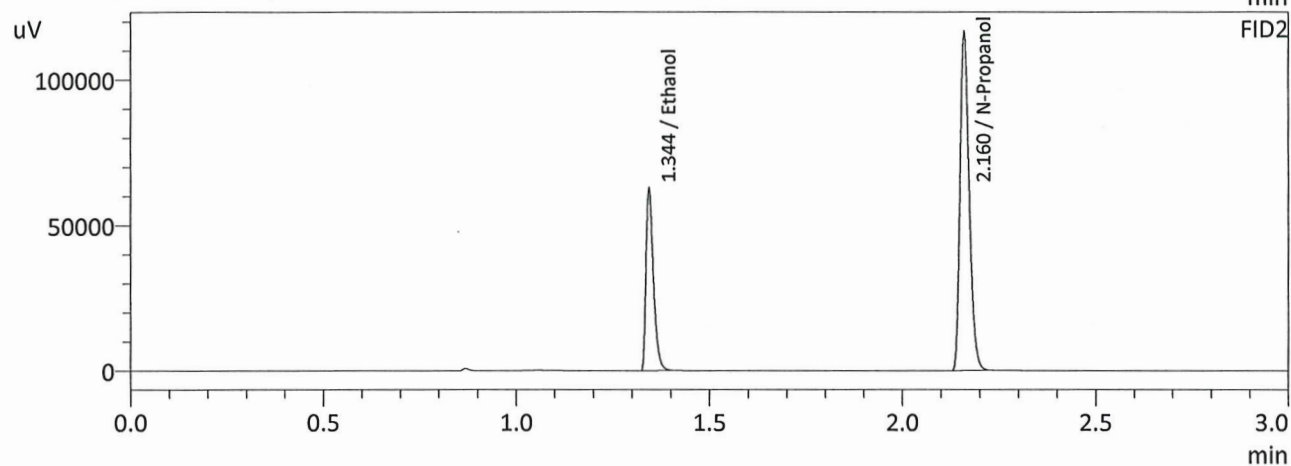
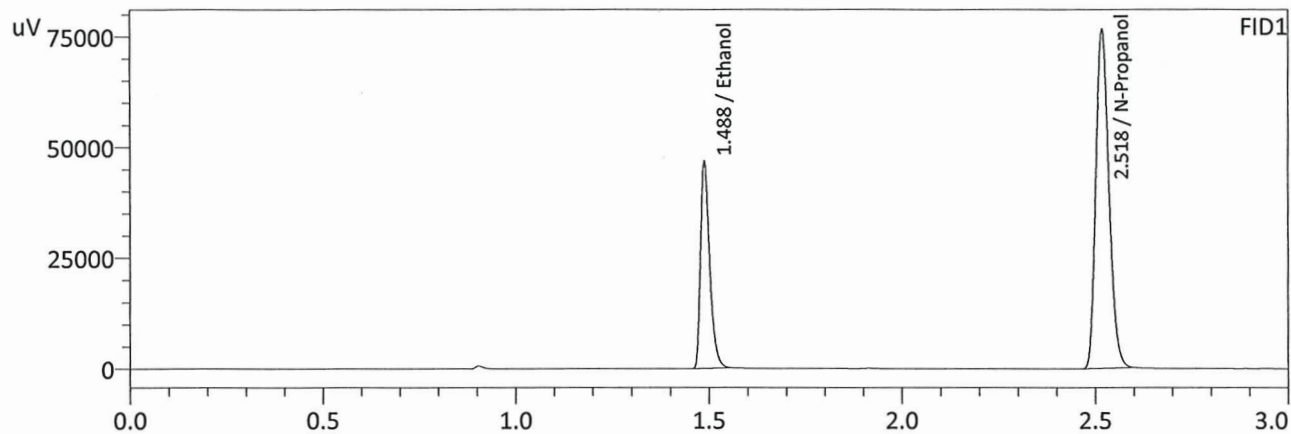
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1008	38933	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	180660	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1009	42049	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	194908	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : 0.200
 Laboratory : Meridian
 Injection Date : 11/17/2023 12:50:54 PM
 Vial # : 3
 Method Filename : Default Project - ALCOHOL_111723JG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

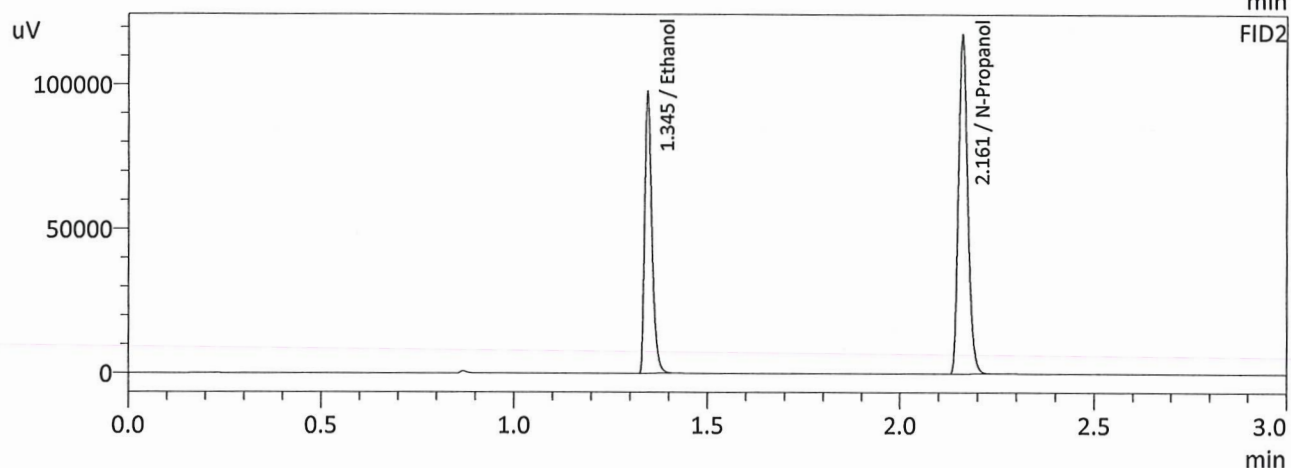
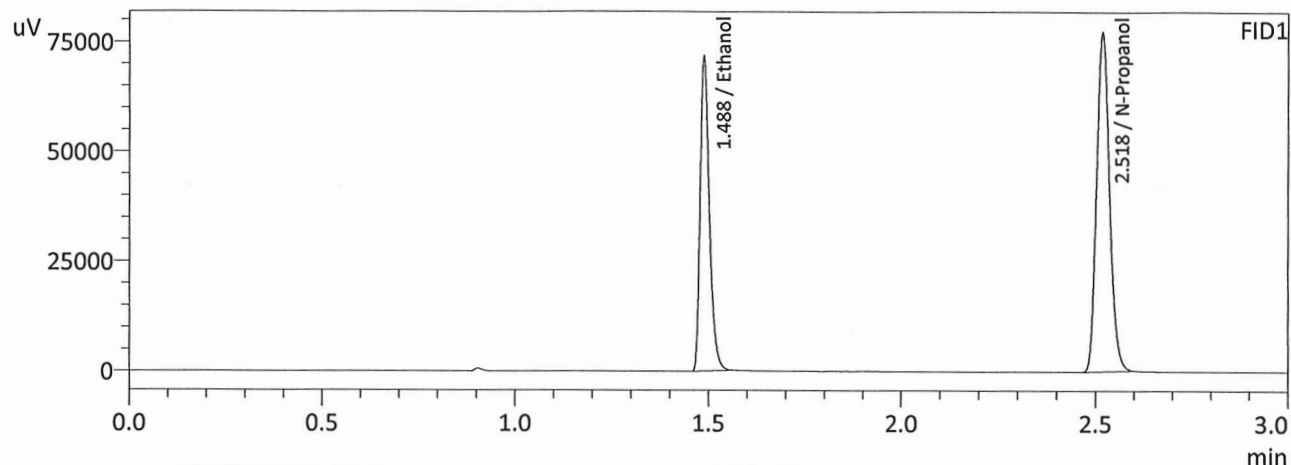
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1967	76913	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	178561	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1965	83062	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	192654	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Jc

Sample Name : 0.300
 Laboratory : Meridian
 Injection Date : 11/17/2023 12:59:23 PM
 Vial # : 4
 Method Filename : Default Project - ALCOHOL_111723JG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

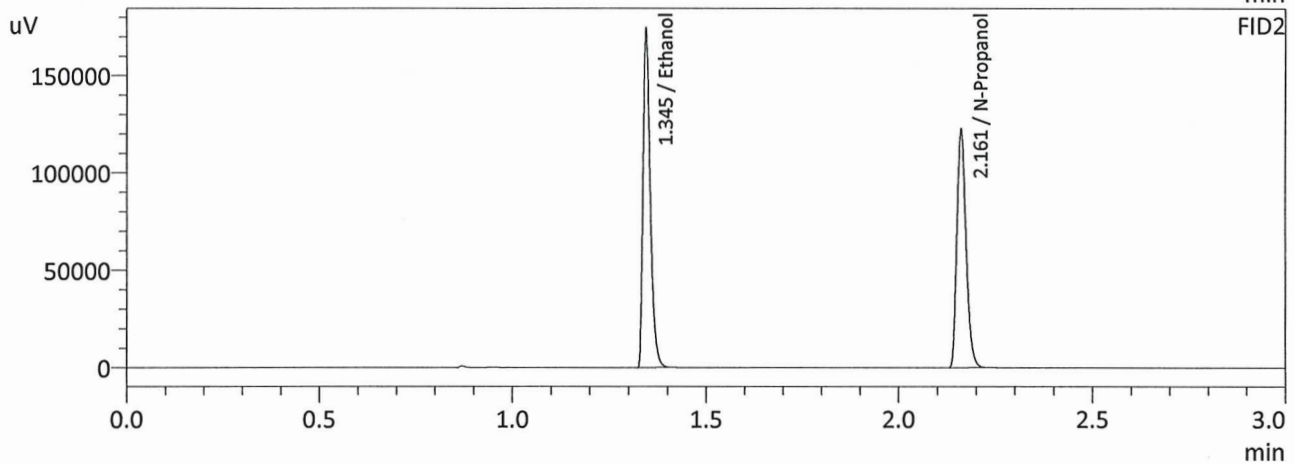
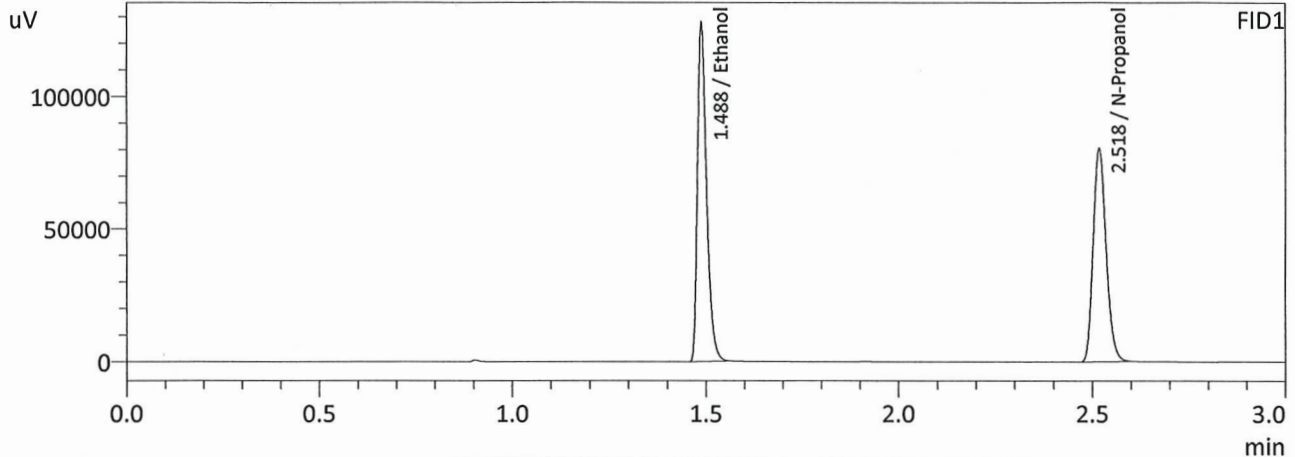
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2968	118288	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	180483	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2968	128145	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	194937	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

JL

Sample Name : 0.500
 Laboratory : Meridian
 Injection Date : 11/17/2023 1:07:06 PM
 Vial # : 5
 Method Filename : Default Project - ALCOHOL_111723JG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

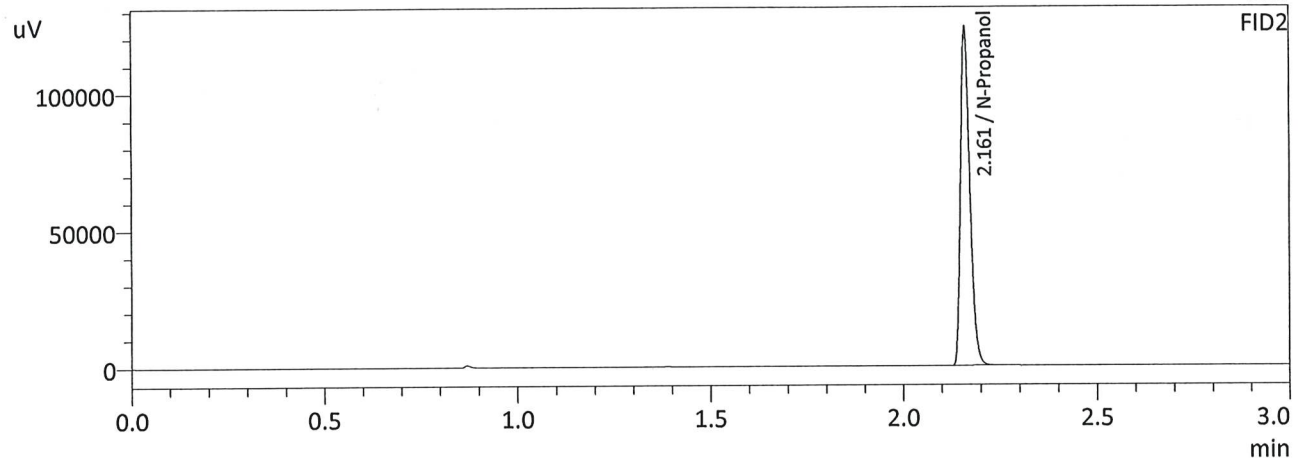
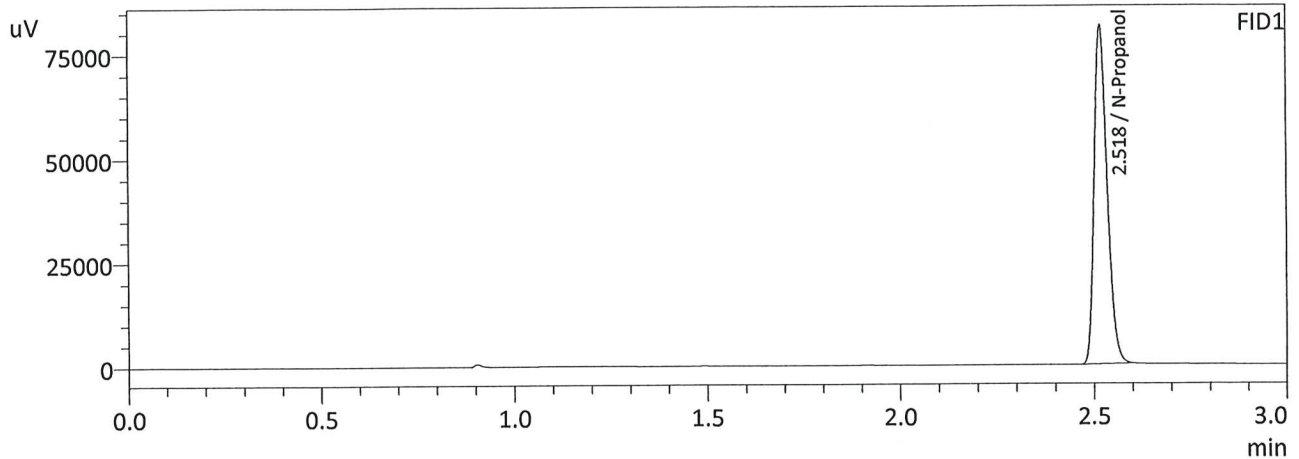
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5027	209847	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	187763	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5028	227825	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	203049	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

JL

Sample Name : INT STD BLK
 Laboratory : Meridian
 Injection Date : 11/17/2023 1:15:48 PM
 Vial # : 6
 Method Filename : Default Project - ALCOHOL_111723JG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	189310	g/100cc
Flour. 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	205230	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

JC

Meridian Blood Alcohol Analysis Batch Table

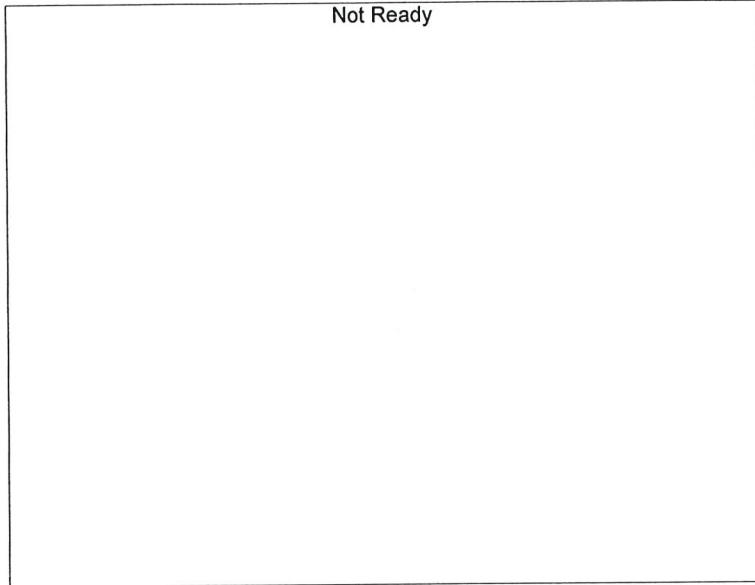
Shimadzu GC-2030 Serial #C12255750548
Shimadzu HS-20 Serial #C12595800409
Lab Solutions Database Software Ver. 6.111
Copyright (C) 2008-2020 Shimadzu Corporation

Vial#	Sample Name	Sample Type	Level#	Method File
1	0.050	1:Standard:(I)	1	ALCOHOL 111723JG.gcm
2	0.100	1:Standard	2	ALCOHOL 111723JG.gcm
3	0.200	1:Standard	3	ALCOHOL 111723JG.gcm
4	0.300	1:Standard	4	ALCOHOL 111723JG.gcm
5	0.500	1:Standard	5	ALCOHOL 111723JG.gcm
6	INT STD BLK	0:Unknown	0	ALCOHOL 111723JG.gcm

Calibration Table

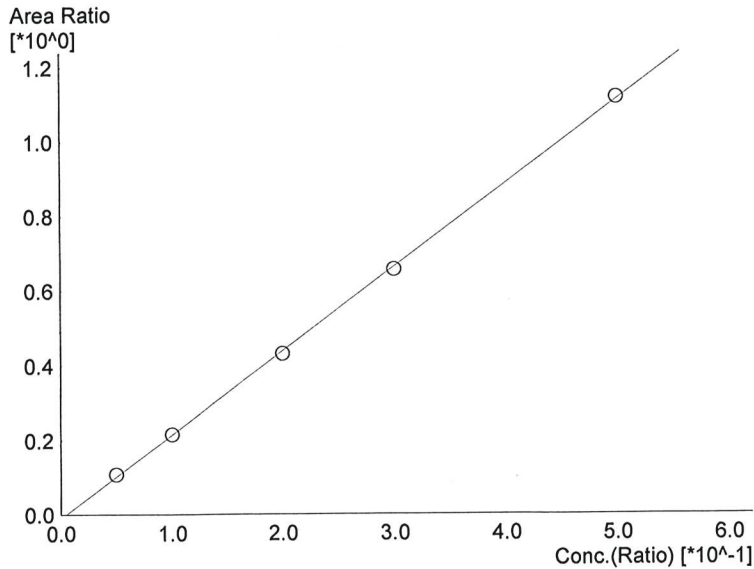
Laboratory : MERIDIAN
 Instrument Name : GC-BAC
 Instrument Serial # : C12595800409 / C12255750548

<<Data File>>
 Method File :Default Project - ALCOHOL_111723JG.gcm
 Batch File :Default Project - CALCURVE_111723JG.gcb
 Date Acquired :11/17/2023 1:07:06 PM
 Date Created :11/17/2023 1:02:27 PM
 Date Modified :11/17/2023 1:10:07 PM



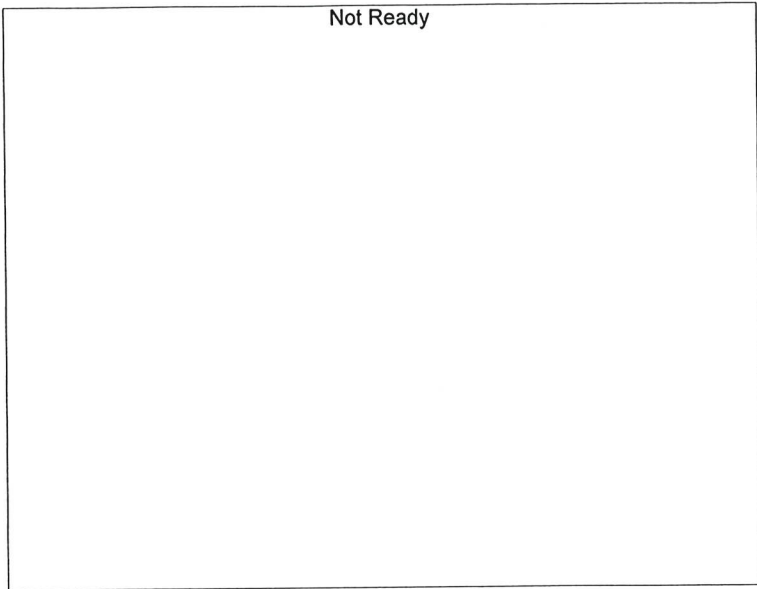
Name : Methanol
 Detector Name: FID1
 Function : $f(x)=0*x+0$
 R^2 value= 0
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
---	-------	------	------------



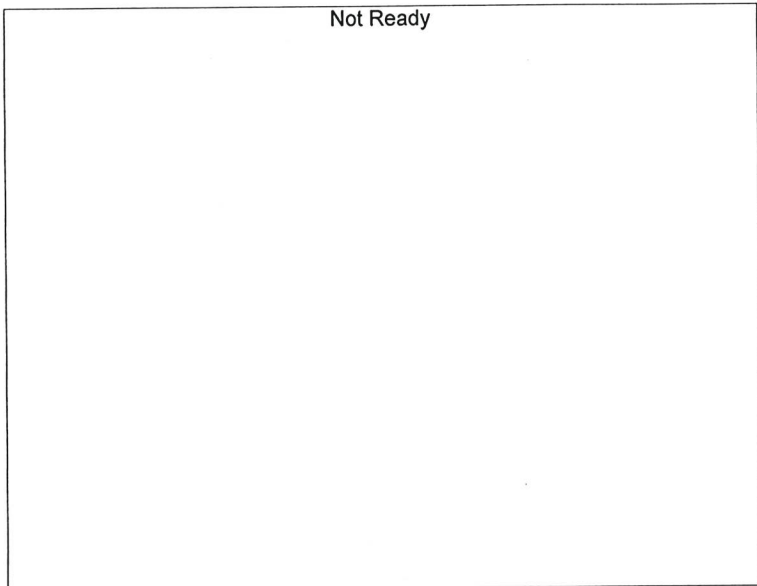
Name : Ethanol
 Detector Name: FID1
 Function : $f(x)=2.24452*x-0.0108342$
 R^2 value= 0.9997100
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	19652	0.0528
2	0.100	38933	0.1008
3	0.200	76913	0.1967
4	0.300	118288	0.2968
5	0.500	209847	0.5027



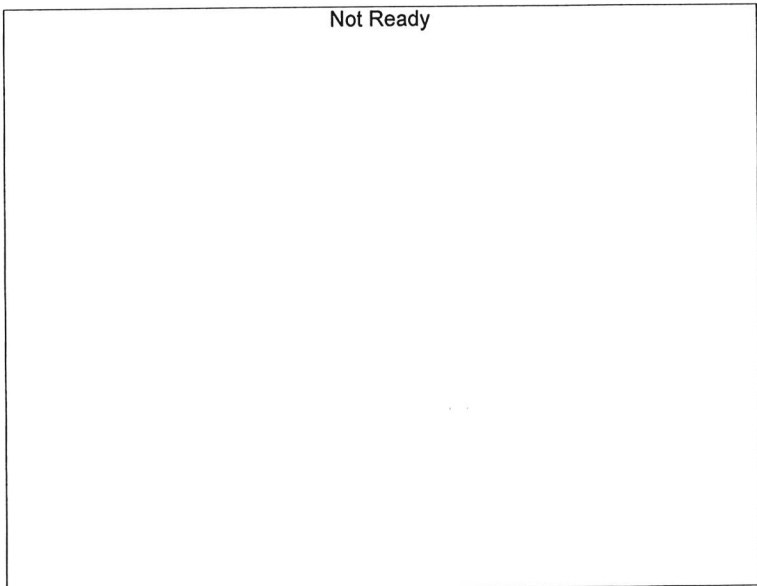
Name : Isopropyl Alcohol
Detector Name: FID1
Function : $f(x)=0*x+0$
R² value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
---	-------	------	------------



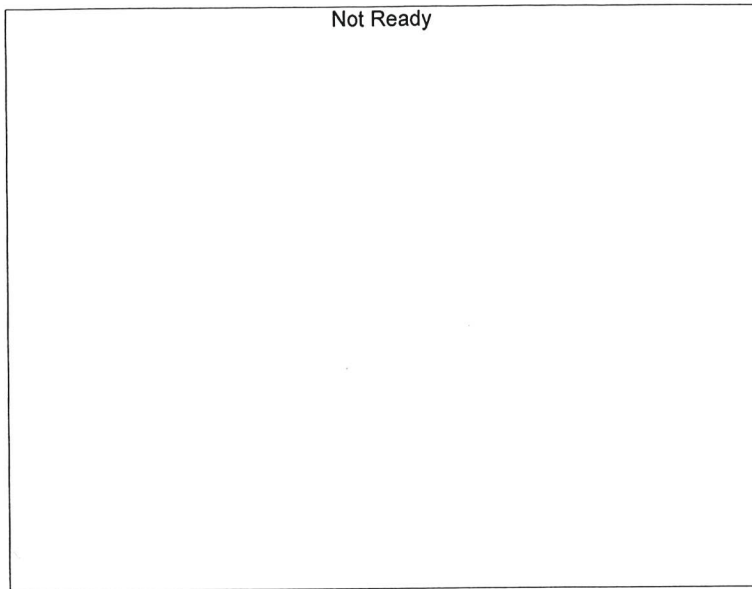
Name : Acetone
Detector Name: FID1
Function : $f(x)=0*x+0$
R² value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
---	-------	------	------------



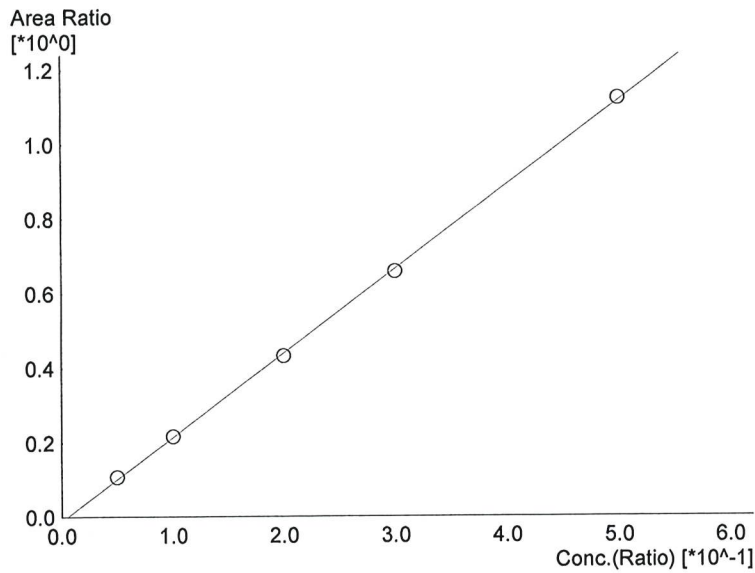
Name : Fluor. Hydrocarbon(s)
Detector Name: FID1
Function : $f(x)=0*x+0$
R² value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
---	-------	------	------------



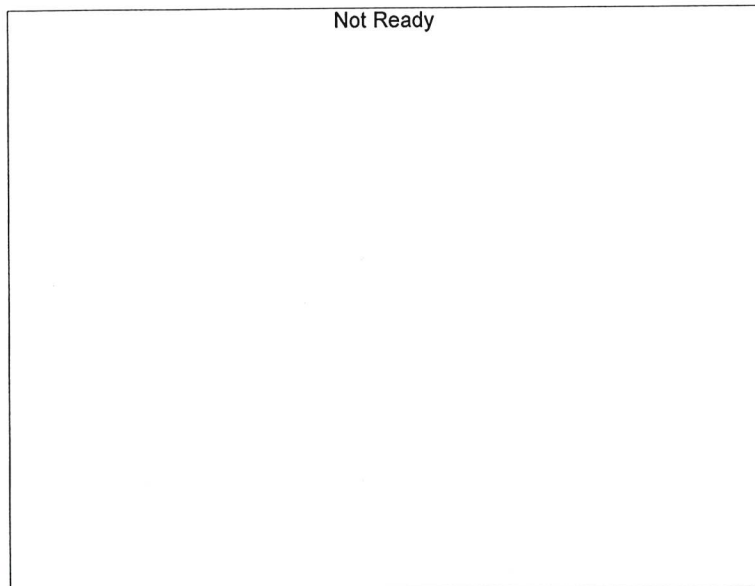
Name : Methanol
 Detector Name: FID2
 Function : $f(x)=0*x+0$
 R² value= 0
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
---	-------	------	------------



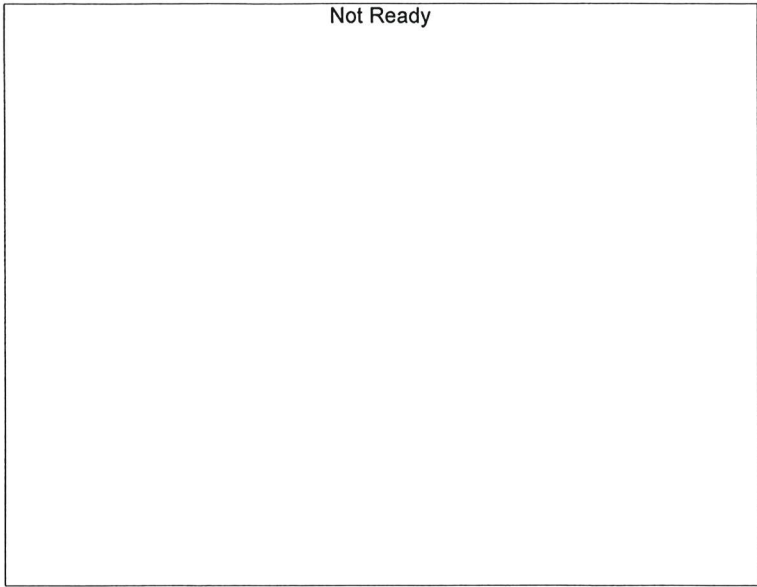
Name : Ethanol
 Detector Name: FID2
 Function : $f(x)=2.25541*x-0.0120588$
 R² value= 0.9996912
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	21080	0.0528
2	0.100	42049	0.1009
3	0.200	83062	0.1965
4	0.300	128145	0.2968
5	0.500	227825	0.5028



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

#	Conc.	Area	Std. Conc.
---	-------	------	------------



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

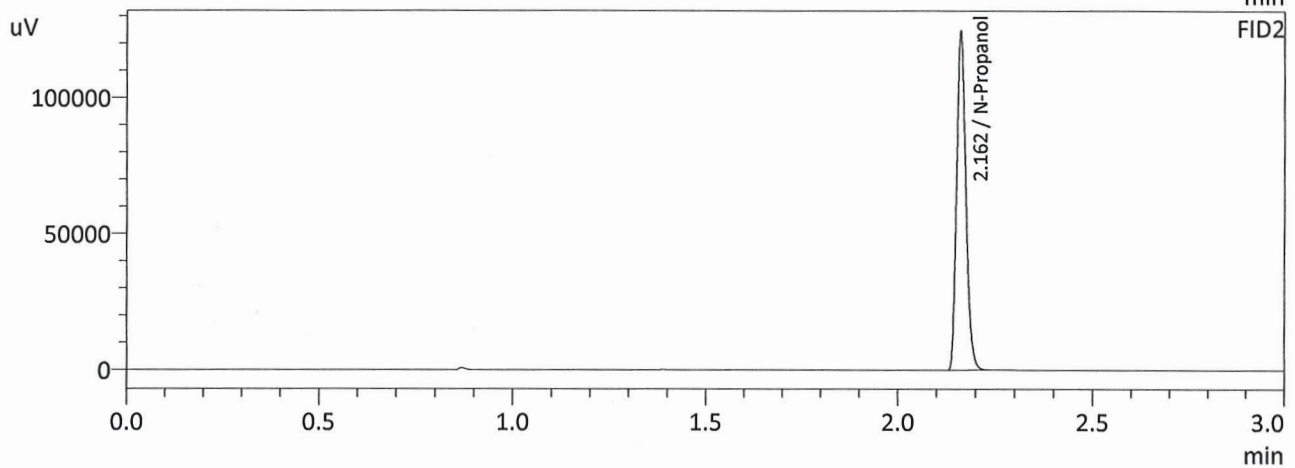
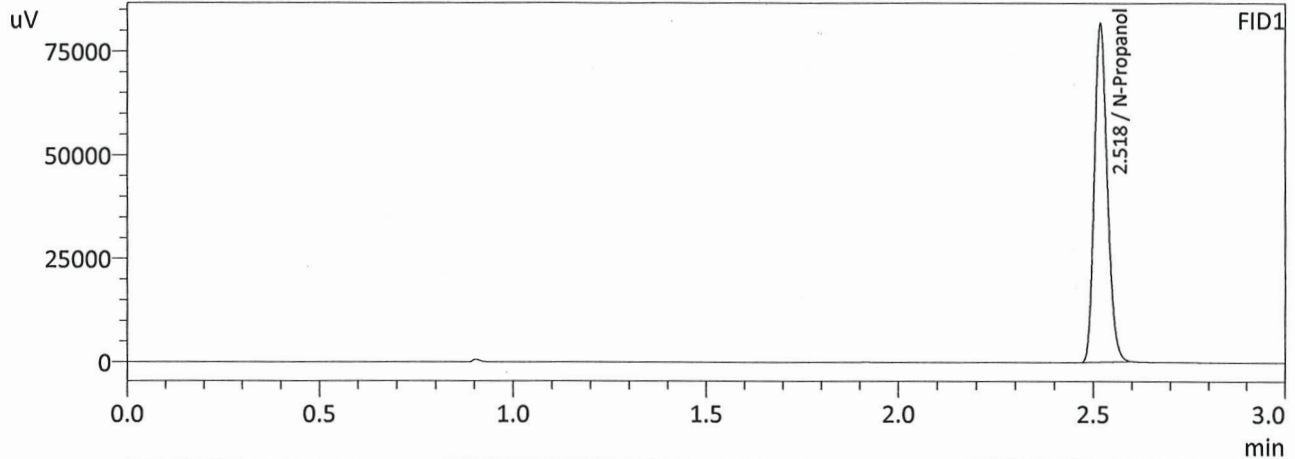
#	Conc.	Area	Std. Conc.
---	-------	------	------------



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

#	Conc.	Area	Std. Conc.
---	-------	------	------------

Sample Name : ISTD BLK 1
 Laboratory : Meridian
 Injection Date : 11/17/2023 2:09:28 PM
 Vial # : 1
 Method Filename : Default Project - ALCOHOL_111723JG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



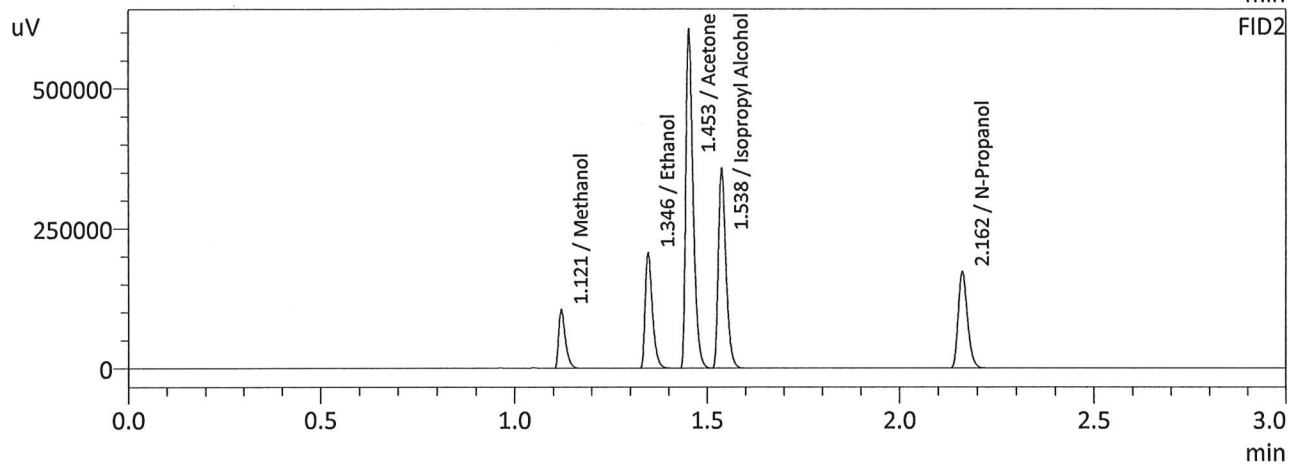
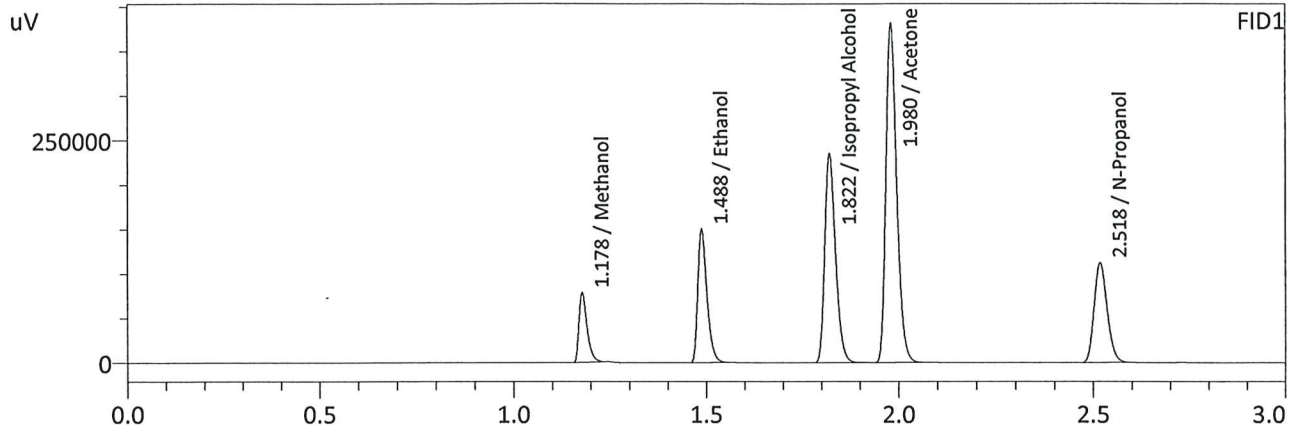
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	190869	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	206604	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : MIXED VOLATILES FN 06041902
 Laboratory : Meridian
 Injection Date : 11/17/2023 2:16:48 PM
 Vial # : 2
 Method Filename : Default Project - ALCOHOL_111723JG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	0.0000	114786	g/100cc
Ethanol	0.4263	247522	g/100cc
Isopropyl Alcohol	0.0000	456905	g/100cc
Acetone	0.0000	745942	g/100cc
N-Propanol	0.0000	261629	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	0.0000	129350	g/100cc
Ethanol	0.4282	271603	g/100cc
Acetone	0.0000	813675	g/100cc
Isopropyl Alcohol	0.0000	495370	g/100cc
N-Propanol	0.0000	284775	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-1-1		Analysis Date(s): 11/17/2023 2:24:09 PM(-07:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0785	0.0781	0.0004	0.0783	0.0028	0.0797
(g/100cc)	0.0813	0.0809	0.0004	0.0811		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

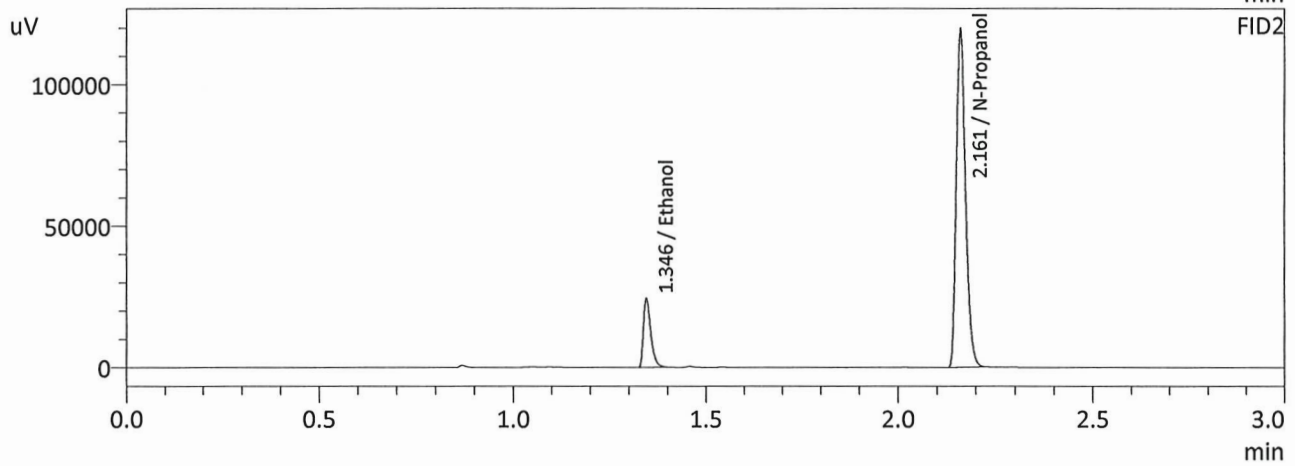
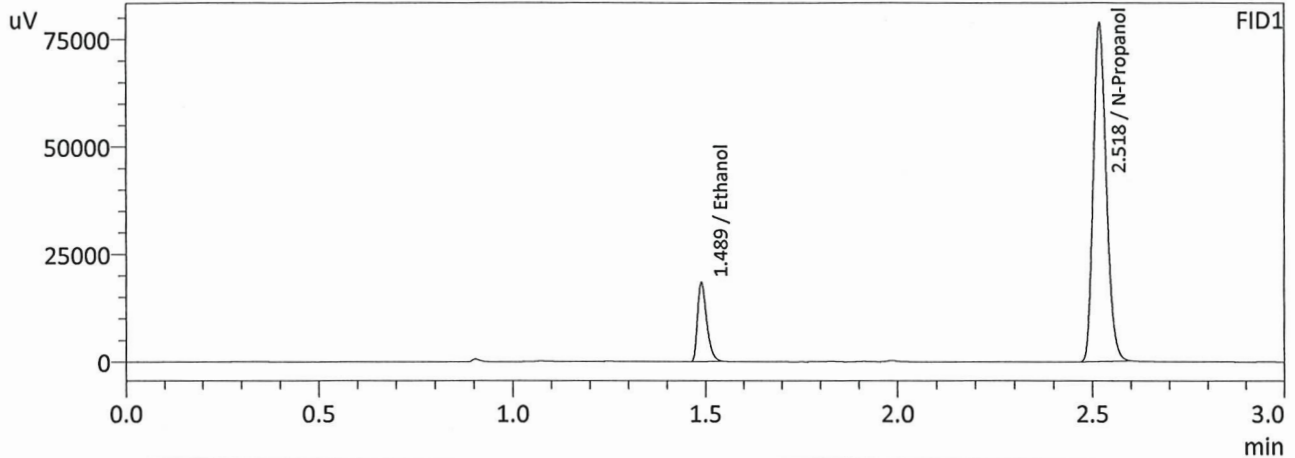
Refer To Instrument Method: ALCOHOL_111723JG.gcm

Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.079	0.075	0.083	0.004

	Reported Results
	0.079

Calibration and control data are stored centrally.

Sample Name : QC-1-1
 Laboratory : Meridian
 Injection Date : 11/17/2023 2:24:09 PM
 Vial # : 3
 Method Filename : Default Project - ALCOHOL_111723JG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



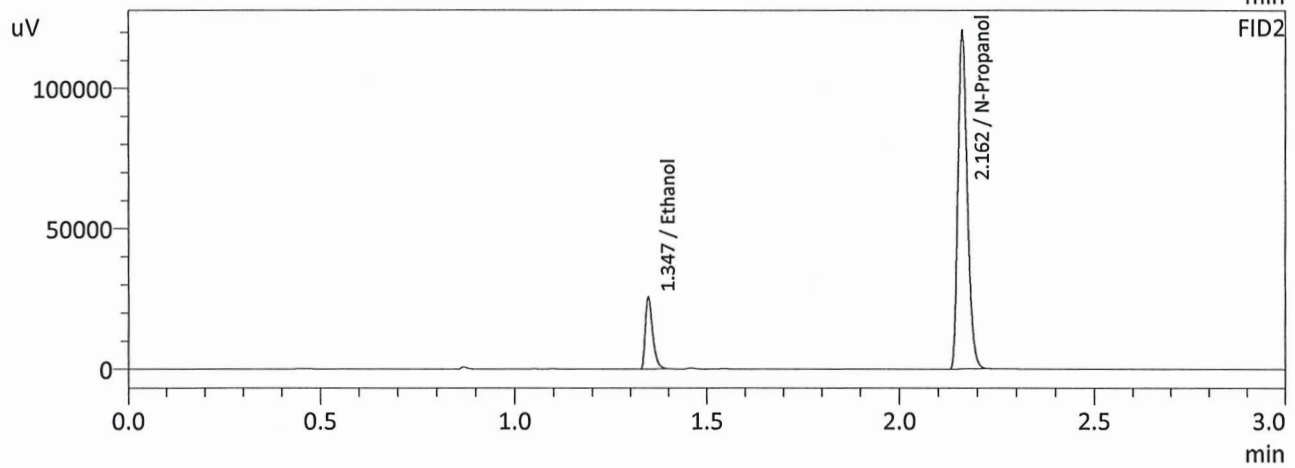
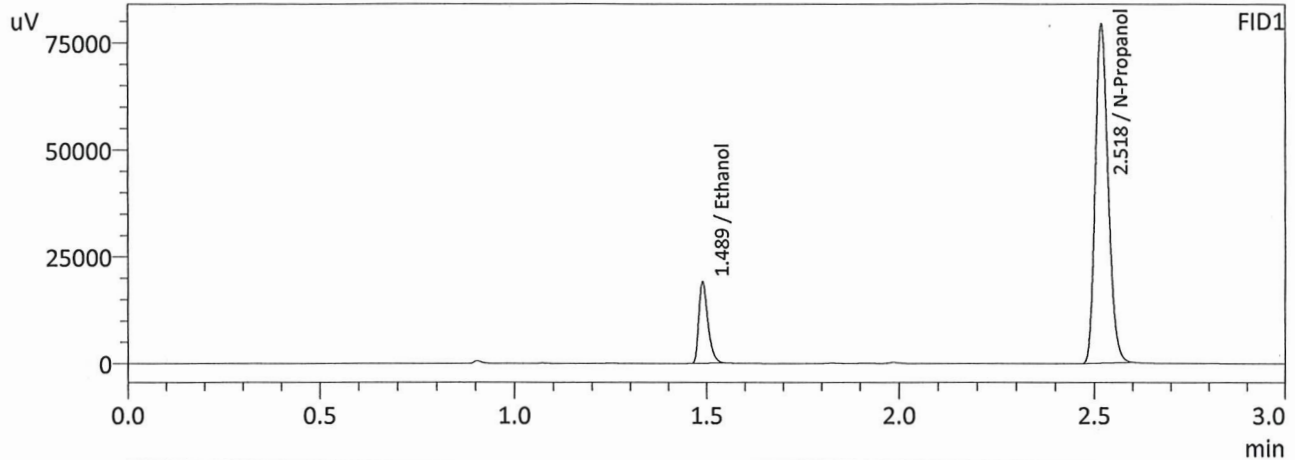
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0785	30386	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	183602	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0781	32580	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	198455	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : QC-1-1-B
 Laboratory : Meridian
 Injection Date : 11/17/2023 2:33:02 PM
 Vial # : 4
 Method Filename : Default Project - ALCOHOL_111723JG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0813	31775	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	184923	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0809	34165	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	200282	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: 0.08 QA			Analysis Date(s): 11/17/2023 2:41:32 PM(-07:00)			
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0807	0.0805	0.0002	0.0806	0.0001	0.0806
(g/100cc)	0.0809	0.0806	0.0003	0.0807		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

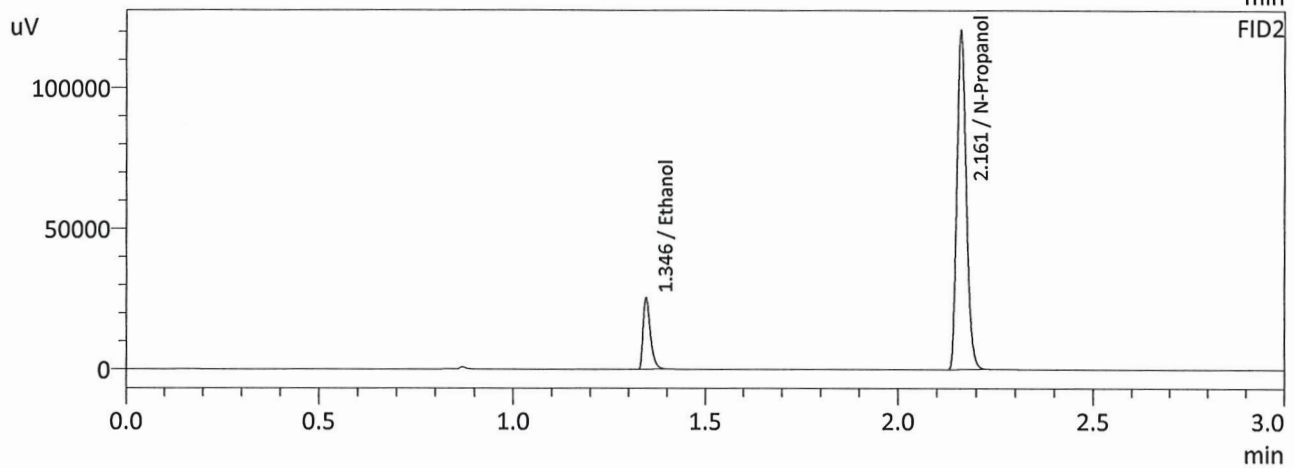
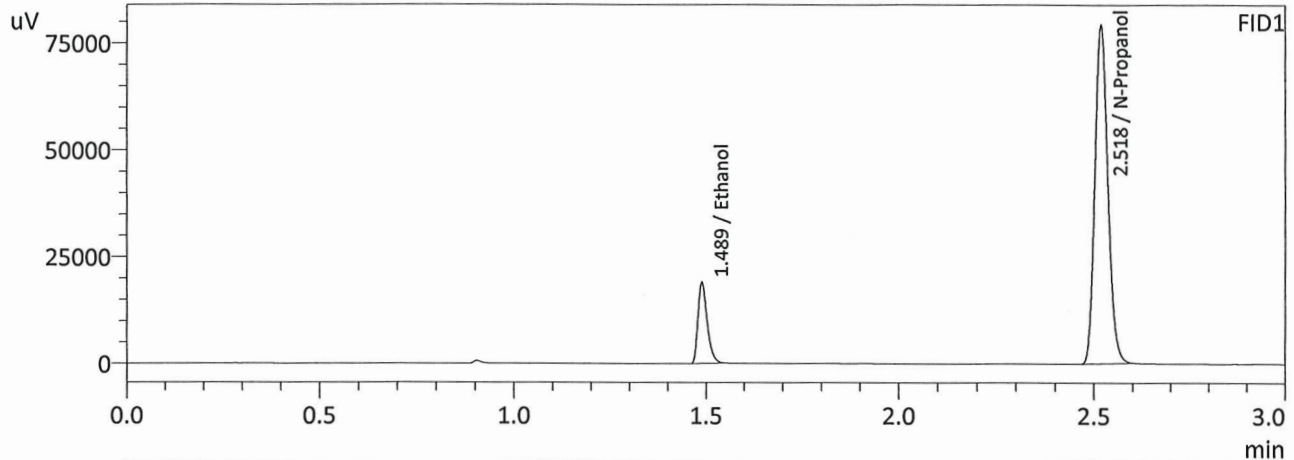
Refer To Instrument Method: ALCOHOL_111723JG.gcm

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.

Sample Name : 0.08 QA
 Laboratory : Meridian
 Injection Date : 11/17/2023 2:41:32 PM
 Vial # : 5
 Method Filename : Default Project - ALCOHOL_111723JG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



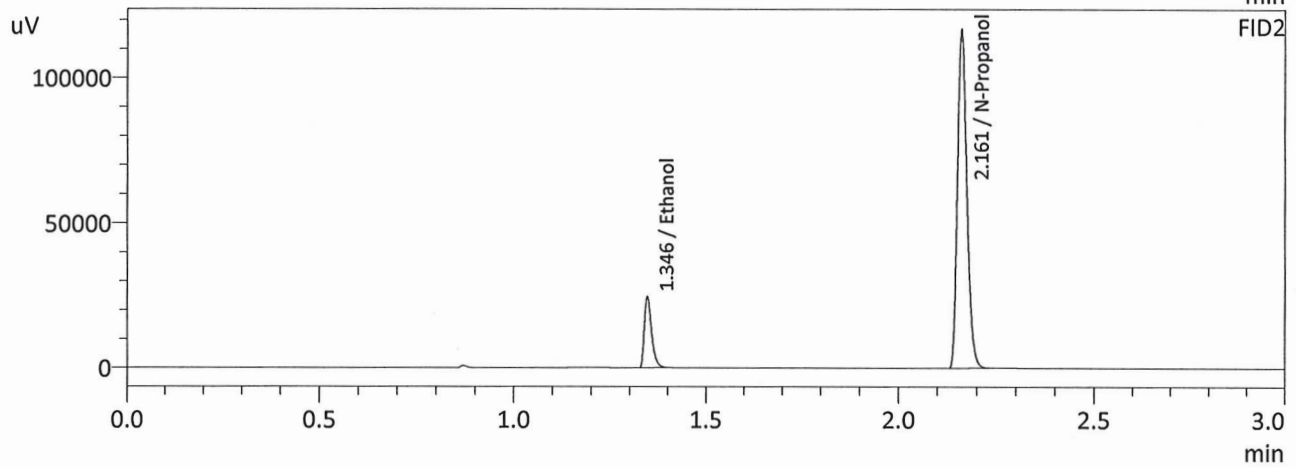
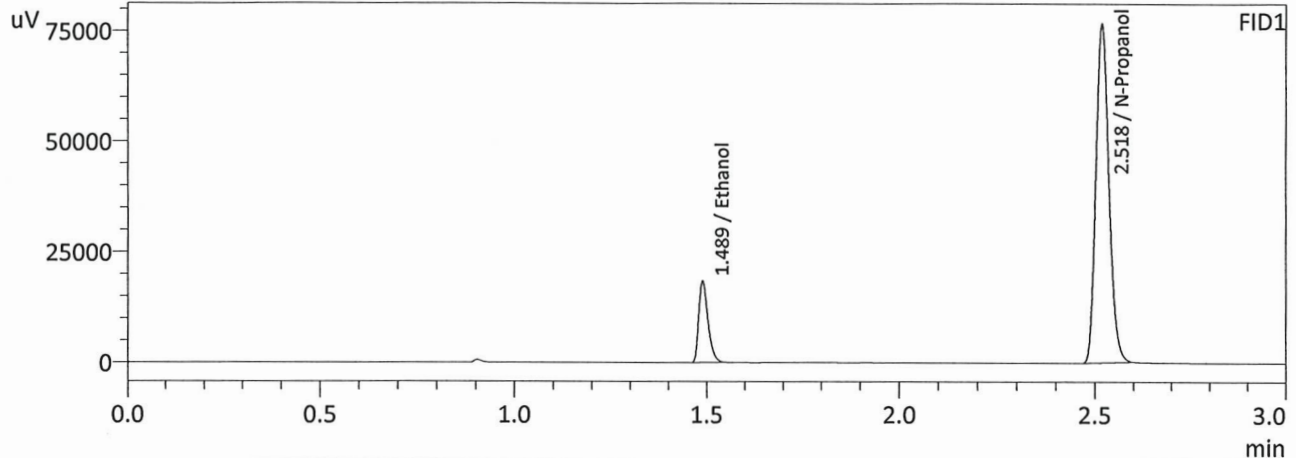
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0807	31499	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	184945	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0805	33918	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	200035	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

Sample Name : 0.08 QA-B
 Laboratory : Meridian
 Injection Date : 11/17/2023 2:49:01 PM
 Vial # : 6
 Method Filename : Default Project - ALCOHOL_111723JG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0809	30617	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	179201	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0806	32938	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	193880	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-1		Analysis Date(s): 11/17/2023 5:24:20 PM(-07:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2045	0.2040	0.0005	0.2042	0.0015	0.2049
(g/100cc)	0.2058	0.2056	0.0002	0.2057		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

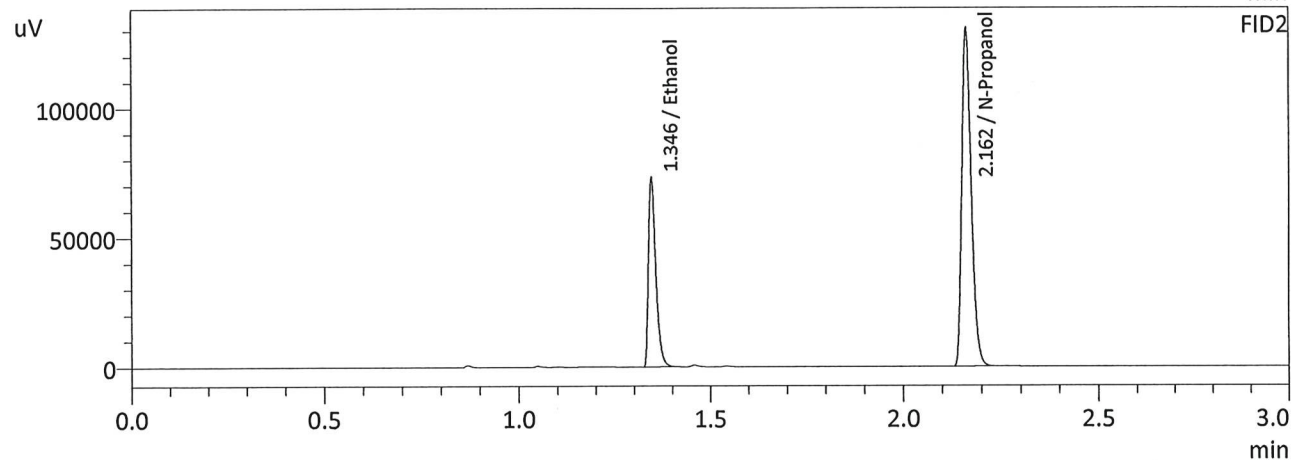
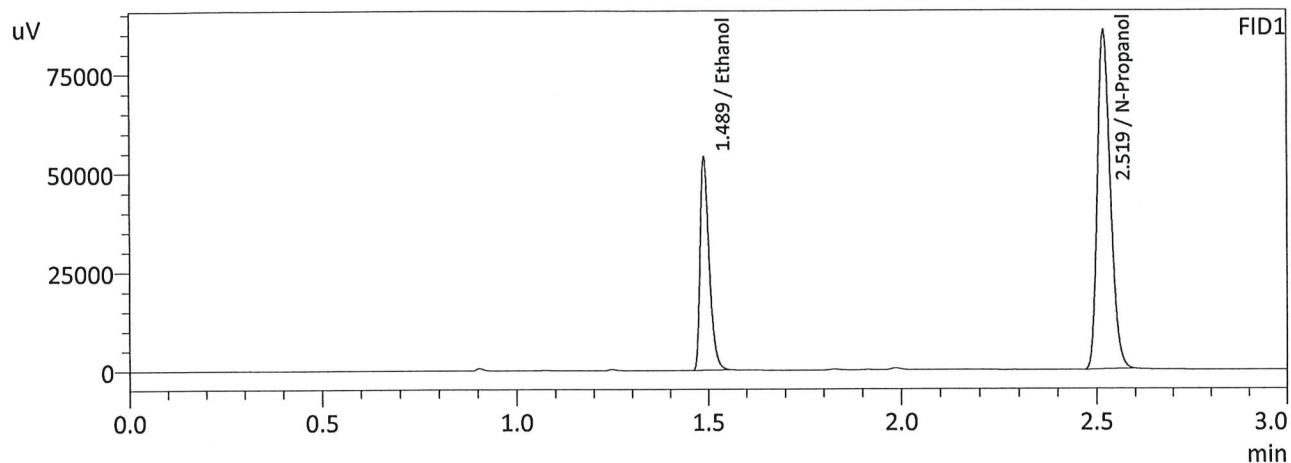
Refer To Instrument Method: ALCOHOL_111723JG.gcm

Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.204	0.193	0.215	0.011

Reported Results	
0.204	

Calibration and control data are stored centrally.

Sample Name : QC-2-1
 Laboratory : Meridian
 Injection Date : 11/17/2023 5:24:20 PM
 Vial # : 25
 Method Filename : Default Project - ALCOHOL_111723JG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



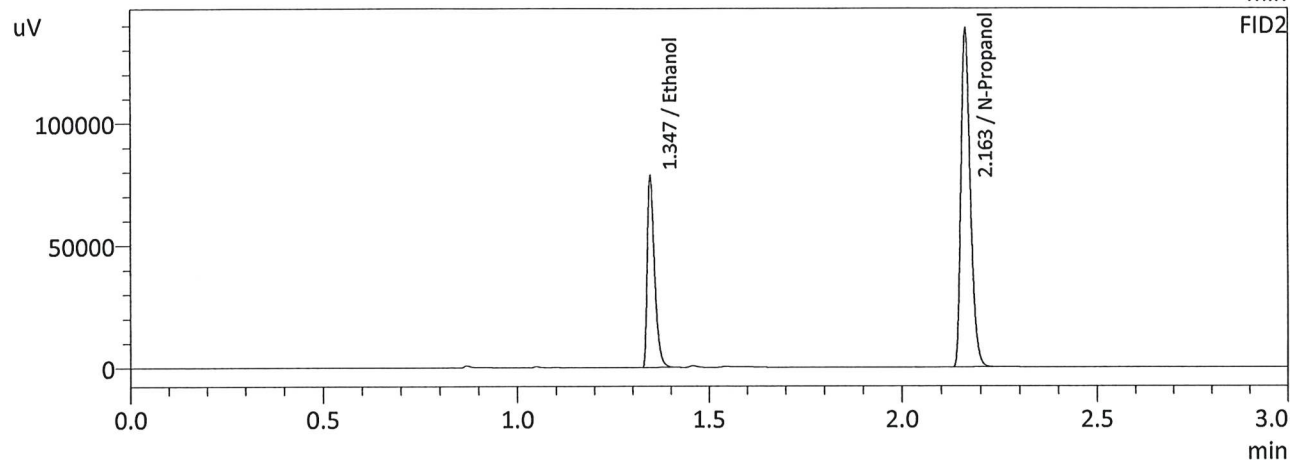
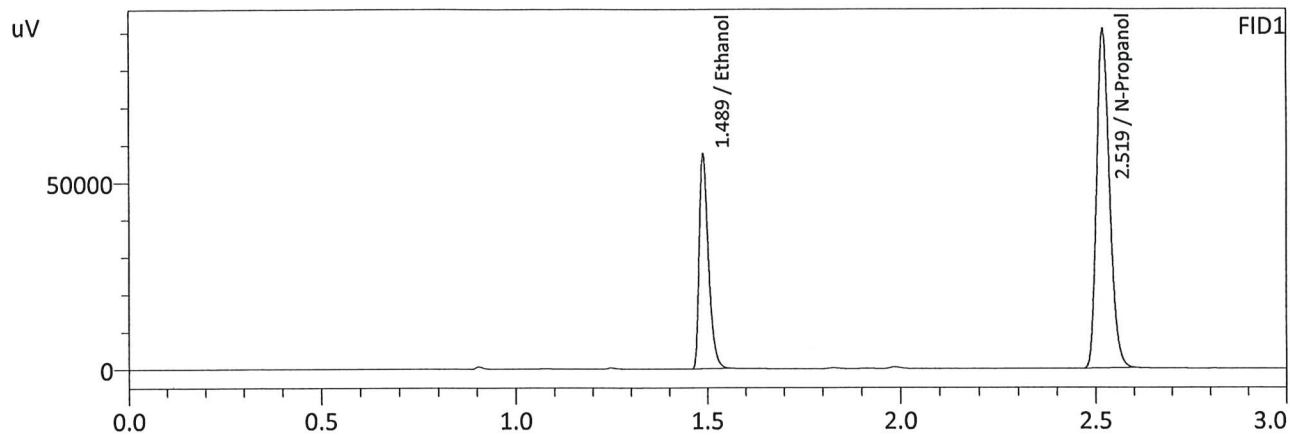
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2045	89612	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	199907	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2040	97028	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	216485	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : QC-2-1-B
 Laboratory : Meridian
 Injection Date : 11/17/2023 5:32:06 PM
 Vial # : 26
 Method Filename : Default Project - ALCOHOL_111723JG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2058	95496	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	211701	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2056	103656	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	229477	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-1-2		Analysis Date(s): 11/17/2023 8:23:58 PM(-07:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0816	0.0814	0.0002	0.0815	0.0020	0.0825
(g/100cc)	0.0835	0.0836	0.0001	0.0835		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

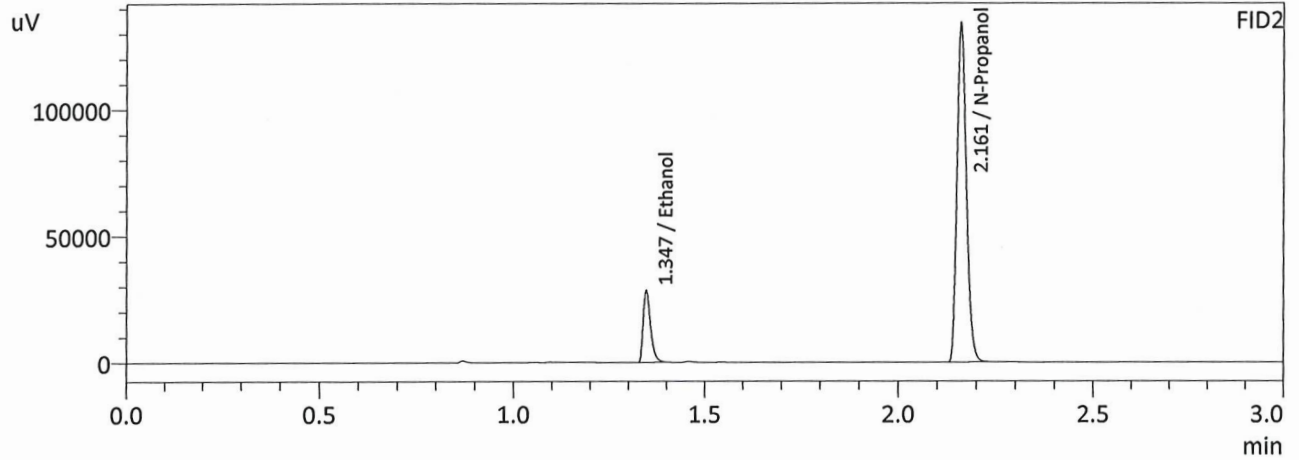
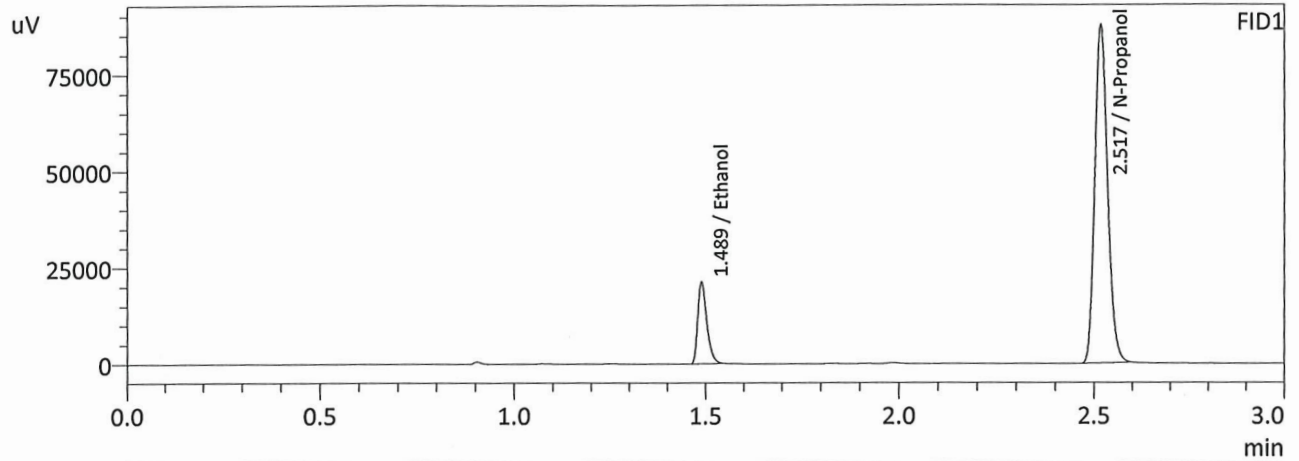
Refer To Instrument Method: ALCOHOL_111723JG.gcm

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.

Sample Name : QC-1-2
 Laboratory : Meridian
 Injection Date : 11/17/2023 8:23:58 PM
 Vial # : 47
 Method Filename : Default Project - ALCOHOL_111723JG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



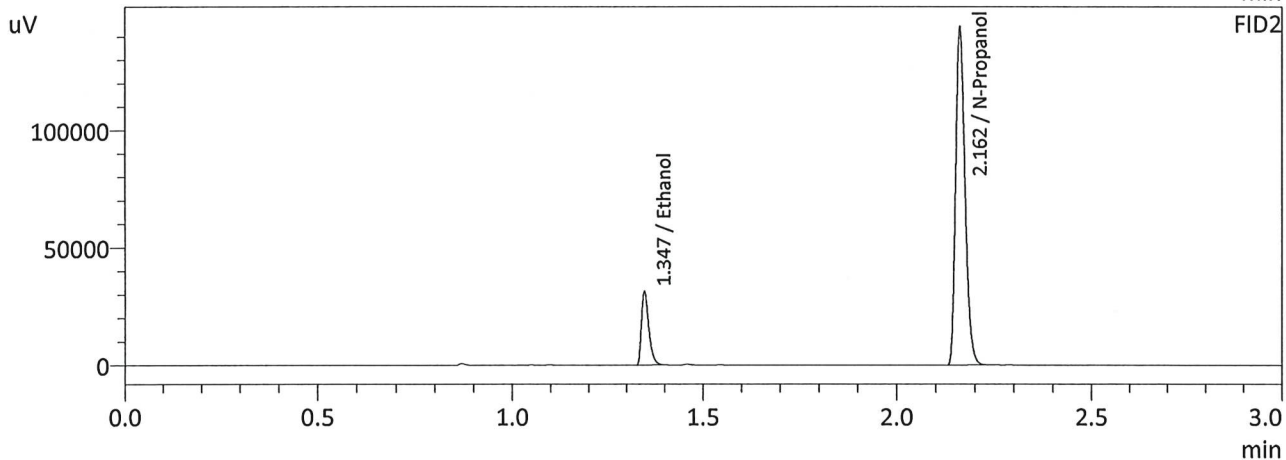
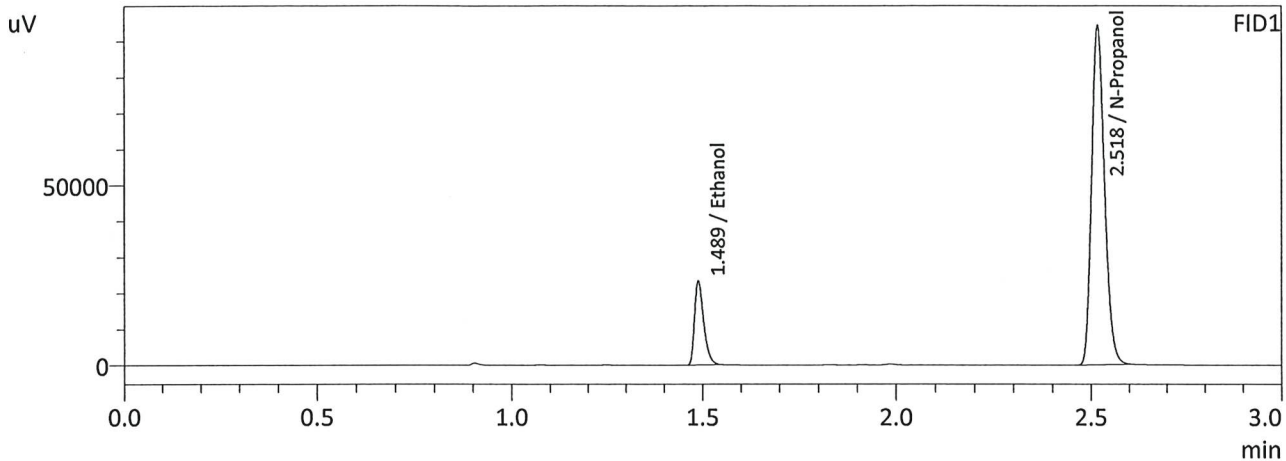
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0816	35232	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	204399	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0814	38083	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	221746	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : QC-1-2-B
 Laboratory : Meridian
 Injection Date : 11/17/2023 8:33:05 PM
 Vial # : 48
 Method Filename : Default Project - ALCOHOL_111723JG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0835	38837	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	219700	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0836	42076	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	238152	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-2		Analysis Date(s): 11/17/2023 10:37:27 PM(-07:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2057	0.2056	0.0001	0.2056	0.0008	0.2060
(g/100cc)	0.2065	0.2064	0.0001	0.2064		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_111723JG.gcm

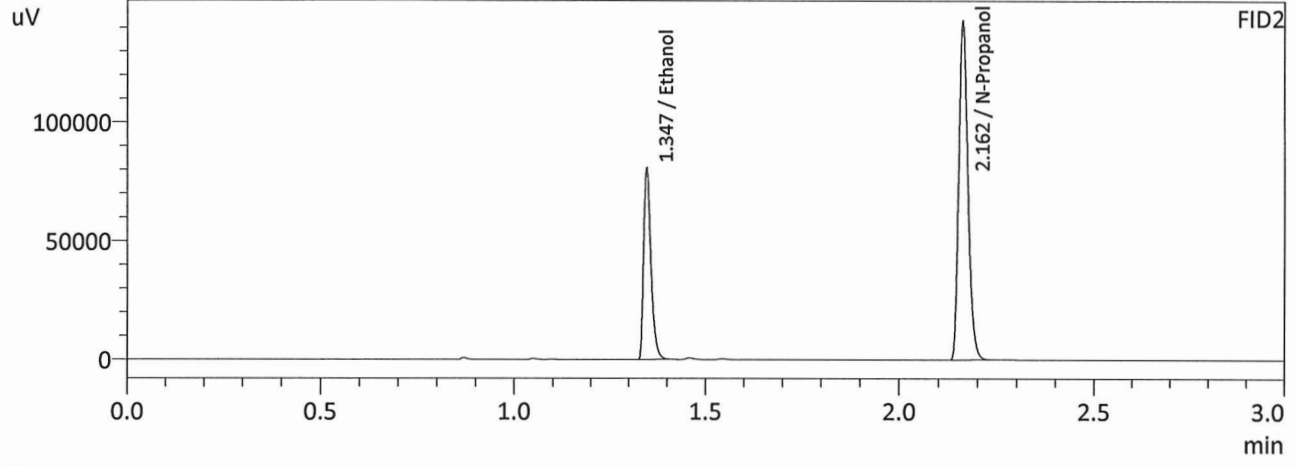
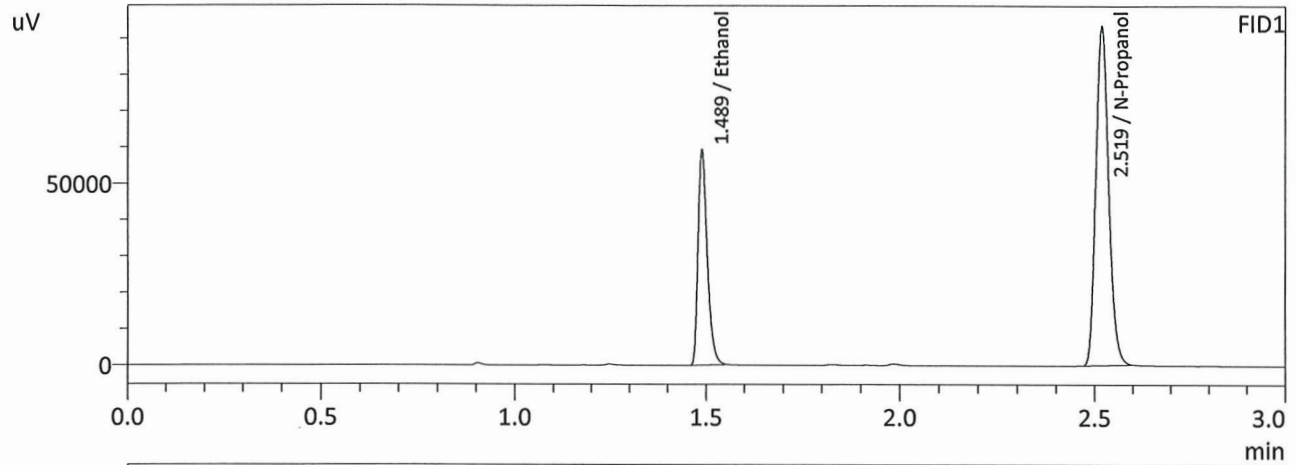
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.206	0.195	0.217	0.011

Reported Results	
0.206	

Calibration and control data are stored centrally.

JL

Sample Name : QC-2-2
 Laboratory : Meridian
 Injection Date : 11/17/2023 10:37:27 PM
 Vial # : 63
 Method Filename : Default Project - ALCOHOL_111723JG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



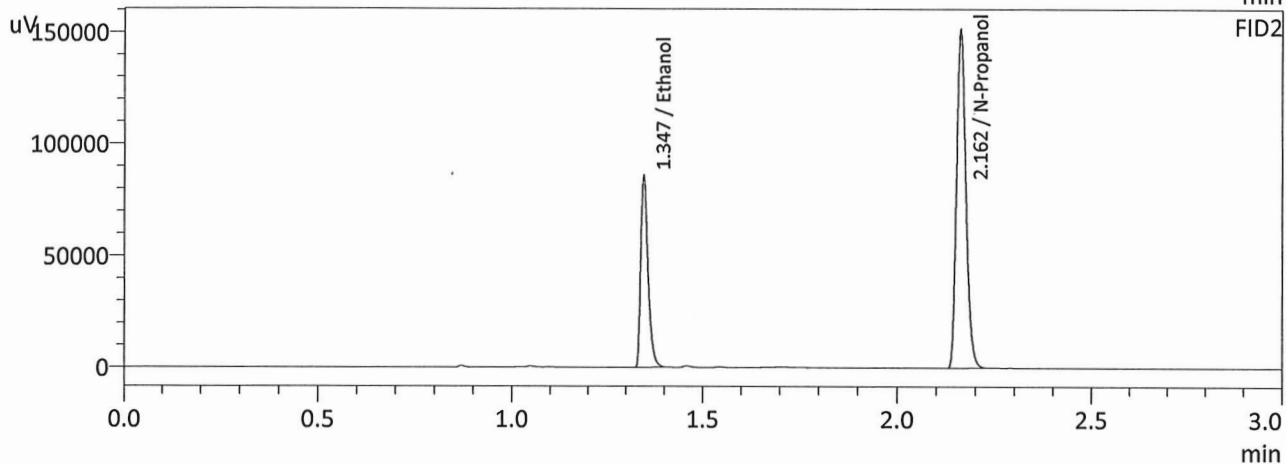
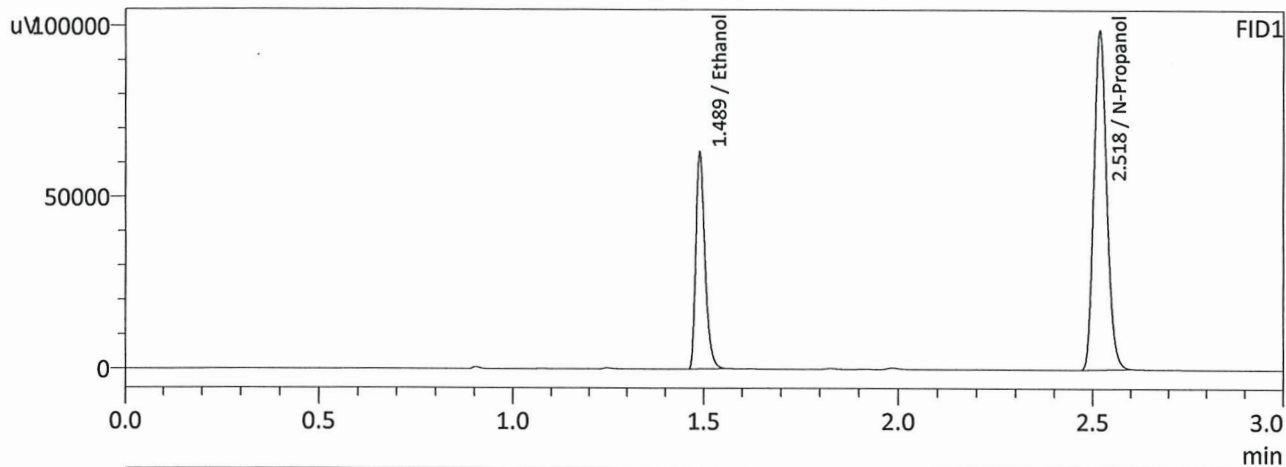
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2057	98370	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	218158	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2056	106869	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	236559	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : QC-2-2-B
 Laboratory : Meridian
 Injection Date : 11/17/2023 10:45:06 PM
 Vial # : 64
 Method Filename : Default Project - ALCOHOL_111723JG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



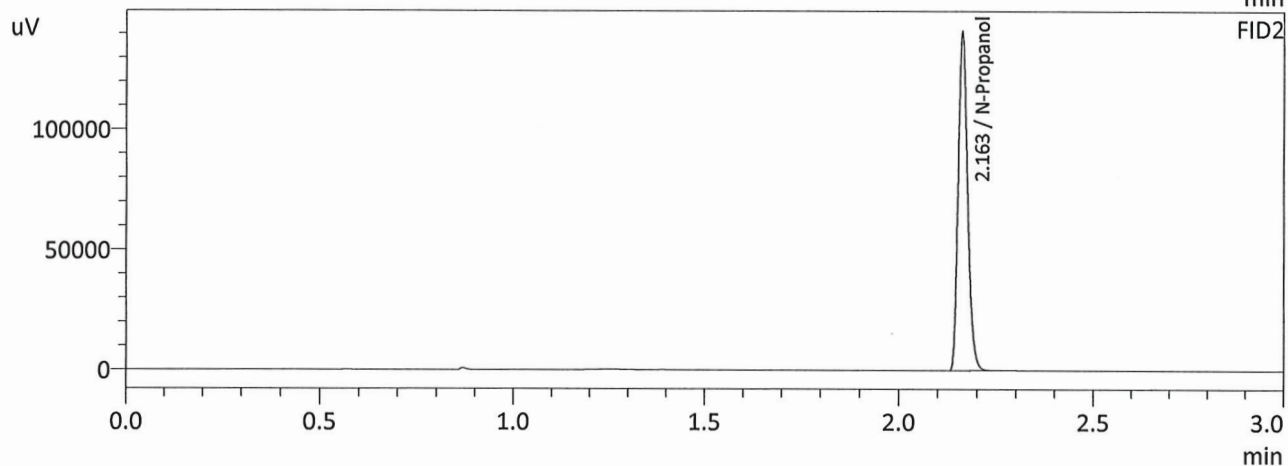
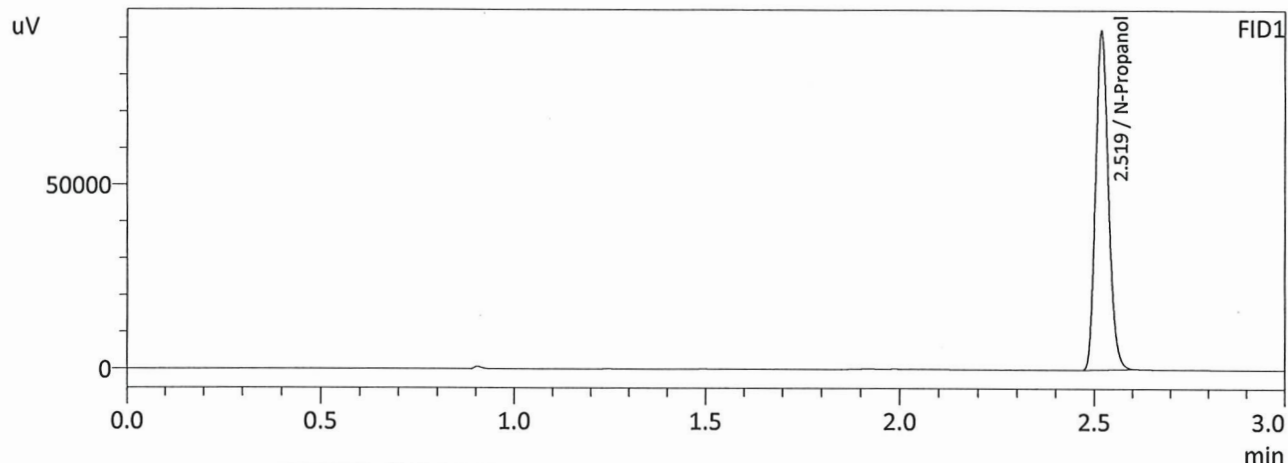
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2065	104598	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	231008	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2064	113641	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	250609	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : ISTD BLK 2
 Laboratory : Meridian
 Injection Date : 11/17/2023 10:53:12 PM
 Vial # : 65
 Method Filename : Default Project - ALCOHOL_111723JG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	215416	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	233480	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Meridian Blood Alcohol Analysis Batch Table

Shimadzu GC-2030 Serial #C12255750548
 Shimadzu HS-20 Serial #C12595800409
 Lab Solutions Database Software Ver. 6.111
 Copyright (C) 2008-2020 Shimadzu Corporation

Vial#	Sample Name	Sample Type	Level#	Method File
1	ISTD BLK 1	0:Unknown	0	ALCOHOL 111723JG.gcm
2	ED VOLATILES FN 0604	0:Unknown	1	ALCOHOL 111723JG.gcm
3	QC-1-1	0:Unknown	0	ALCOHOL 111723JG.gcm
4	QC-1-1-B	0:Unknown	0	ALCOHOL 111723JG.gcm
5	0.08 QA	0:Unknown	0	ALCOHOL 111723JG.gcm
6	0.08 QA-B	0:Unknown	0	ALCOHOL 111723JG.gcm
7	M2023-4794-1	0:Unknown	0	ALCOHOL 111723JG.gcm
8	M2023-4794-1-B	0:Unknown	0	ALCOHOL 111723JG.gcm
9	M2023-4800-3	0:Unknown	0	ALCOHOL 111723JG.gcm
10	M2023-4800-3-B	0:Unknown	0	ALCOHOL 111723JG.gcm
11	M2023-4801-1	0:Unknown	0	ALCOHOL 111723JG.gcm
12	M2023-4801-1-B	0:Unknown	0	ALCOHOL 111723JG.gcm
13	M2023-4808-1	0:Unknown	0	ALCOHOL 111723JG.gcm
14	M2023-4808-1-B	0:Unknown	0	ALCOHOL 111723JG.gcm
15	M2023-4815-1	0:Unknown	0	ALCOHOL 111723JG.gcm
16	M2023-4815-1-B	0:Unknown	0	ALCOHOL 111723JG.gcm
17	M2023-4818-1	0:Unknown	0	ALCOHOL 111723JG.gcm
18	M2023-4818-1-B	0:Unknown	0	ALCOHOL 111723JG.gcm
19	M2023-4851-1	0:Unknown	0	ALCOHOL 111723JG.gcm
20	M2023-4851-1-B	0:Unknown	0	ALCOHOL 111723JG.gcm
21	M2023-4852-1	0:Unknown	0	ALCOHOL 111723JG.gcm
22	M2023-4852-1-B	0:Unknown	0	ALCOHOL 111723JG.gcm
23	M2023-4861-1	0:Unknown	0	ALCOHOL 111723JG.gcm
24	M2023-4861-1-B	0:Unknown	0	ALCOHOL 111723JG.gcm
25	QC-2-1	0:Unknown	0	ALCOHOL 111723JG.gcm
26	QC-2-1-B	0:Unknown	0	ALCOHOL 111723JG.gcm
27	M2023-4862-1	0:Unknown	0	ALCOHOL 111723JG.gcm
28	M2023-4862-1-B	0:Unknown	0	ALCOHOL 111723JG.gcm
29	M2023-4871-1	0:Unknown	0	ALCOHOL 111723JG.gcm
30	M2023-4871-1-B	0:Unknown	0	ALCOHOL 111723JG.gcm
31	M2023-4872-1	0:Unknown	0	ALCOHOL 111723JG.gcm
32	M2023-4872-1-B	0:Unknown	0	ALCOHOL 111723JG.gcm
33	M2023-4894-1	0:Unknown	0	ALCOHOL 111723JG.gcm
34	M2023-4894-1-B	0:Unknown	0	ALCOHOL 111723JG.gcm
35	M2023-4904-1	0:Unknown	0	ALCOHOL 111723JG.gcm
36	M2023-4904-1-B	0:Unknown	0	ALCOHOL 111723JG.gcm
37	M2023-4906-1	0:Unknown	0	ALCOHOL 111723JG.gcm
38	M2023-4906-1-B	0:Unknown	0	ALCOHOL 111723JG.gcm
39	M2023-4909-1	0:Unknown	0	ALCOHOL 111723JG.gcm
40	M2023-4909-1-B	0:Unknown	0	ALCOHOL 111723JG.gcm
41	M2023-4910-1	0:Unknown	0	ALCOHOL 111723JG.gcm
42	M2023-4910-1-B	0:Unknown	0	ALCOHOL 111723JG.gcm
43	M2023-4914-1	0:Unknown	0	ALCOHOL 111723JG.gcm
44	M2023-4914-1-B	0:Unknown	0	ALCOHOL 111723JG.gcm
45	M2023-4915-1	0:Unknown	0	ALCOHOL 111723JG.gcm
46	M2023-4915-1-B	0:Unknown	0	ALCOHOL 111723JG.gcm
47	QC-1-2	0:Unknown	0	ALCOHOL 111723JG.gcm
48	QC-1-2-B	0:Unknown	0	ALCOHOL 111723JG.gcm
49	M2023-4924-1	0:Unknown	0	ALCOHOL 111723JG.gcm
50	M2023-4924-1-B	0:Unknown	0	ALCOHOL 111723JG.gcm
51	M2023-4925-1	0:Unknown	0	ALCOHOL 111723JG.gcm
52	M2023-4925-1-B	0:Unknown	0	ALCOHOL 111723JG.gcm
53	M2023-4937-1	0:Unknown	0	ALCOHOL 111723JG.gcm
54	M2023-4937-1-B	0:Unknown	0	ALCOHOL 111723JG.gcm
55	M2023-4938-1	0:Unknown	0	ALCOHOL 111723JG.gcm
56	M2023-4938-1-B	0:Unknown	0	ALCOHOL 111723JG.gcm
57	M2023-4939-1	0:Unknown	0	ALCOHOL 111723JG.gcm
58	M2023-4939-1-B	0:Unknown	0	ALCOHOL 111723JG.gcm
59	M2023-4962-1	0:Unknown	0	ALCOHOL 111723JG.gcm

rerun
 on
 next
 batch

[

Vial#	Sample Name	Sample Type	Level#	Method File
60	M2023-4962-1-B	0:Unknown	0	ALCOHOL 111723JG.gcm
61	M2023-4963-1	0:Unknown	0	ALCOHOL 111723JG.gcm
62	M2023-4963-1-B	0:Unknown	0	ALCOHOL 111723JG.gcm
63	QC-2-2	0:Unknown	0	ALCOHOL 111723JG.gcm
64	QC-2-2-B	0:Unknown	0	ALCOHOL 111723JG.gcm
65	ISTD BLK 2	0:Unknown	0	ALCOHOL 111723JG.gcm

Jo