Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Analytical Method(s): 1.0

Device: Hamilton MICROLAB Liquid Processor/Dilutor Serial Number: ML600HC11378

Volatiles Quality Assurance Controls

Run Date(s): 11/8/24
Calibration Date: *(if different)* 11/8/24
Worklist #: 6971

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results	
Level 1	Feb-25	2101199	0.0808	0.0727-0.0889	0.0819	g/100cc
					0.0836	g/100cc
						g/100cc
Level 2	Mar-26	2110181	0.2030	0.1827-0.2233	0.2026	g/100cc
					0.2012	g/100cc
						g/100cc

Multi-Component mixture:	Exp:	Oct. 24	Lot #	FN06041902	
Curve Fit:			Column 1	0.99963	Column2	0.99961

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0526	0.0526	0	0.0526
100	0.100	0.090 - 0.110	0.0982	0.0981	1E-04	0.0981
200	0.200	0.180 - 0.220	0.2019	0.2021	0.0002	0.202
300	0.300	0.270 - 0.330	0.2947	0.2945	0.0002	0.2946
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5024	0.5025	1E-04	0.5024

Aqueous Controls

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

REVIEWED
By Rachel Cutler at 3:00 pm, Nov 15, 2024

Internal Standard Monitoring Worksheet

Worklist #:	6971	Run Date(s):	11/8/24

Internal Standard Solution:	Prep Date:	8/5/2024	Exp Date:	2/5/2025

Sample Name	Column 1 Value	Column 2 Value
0.080	193040	205897
0.080	198569	211676
QC1	209367	222986
QC1	206005	219929
QC1	286501	305309
QC1	252603	269464
QC1		
QC1	233835	349663
QC2	224863	240500
QC2	256916	273951
QC2	246937	263256
QC2		
QC2		
QC2		

	Average	(-)20%	(+)20%
Column 1	230863.6	184690.9	277036.3
Column 2	256263.1	205010.5	307515.7

Worklist: 6971

LAB CASE	ITEM	ITEM TYPE	DESCRIPTION	
M2024-4316	1	BCK	Alcohol Analysis	
M2024-4338	1	BCK	Alcohol Analysis	
M2024-4348	1	BCK	Alcohol Analysis	
M2024-4367	1	BCK	Alcohol Analysis	
M2024-4411	1	BCK	Alcohol Analysis	
M2024-4424	1	BCK	Alcohol Analysis	
M2024-4425	1	BCK	Alcohol Analysis	
M2024-4455	1	BCK	Alcohol Analysis	
M2024-4461	1	BCK	Alcohol Analysis	
M2024-4478	1	BCK	Alcohol Analysis	
M2024-4489	1	BCK	Alcohol Analysis	
M2024-4490	1	BCK	Alcohol Analysis	
M2024-4504	1	BCK	Alcohol Analysis	
M2024-4531	1	BCK	Alcohol Analysis	
M2024-4534	1	BCK	Alcohol Analysis	
M2024-4537	1	BCK	Alcohol Analysis	
M2024-4589	1	BCK	Alcohol Analysis	
M2024-4604	1	BCK	Alcohol Analysis	
M2024-4617	1	BCK	Alcohol Analysis	
M2024-4624	1	BCK	Alcohol Analysis	
M2024-4640	1	BCK	Alcohol Analysis	

Worklist: 6971

LAB CASE	ITEM	ITEM TYPE	DESCRIPTION
M2024-4642	1	BCK	Alcohol Analysis
M2024-4643	1	BCK	Alcohol Analysis
M2024-4644	1	BCK	Alcohol Analysis
M2024-4645	1	BCK	Alcohol Analysis
M2024-4667	1	BCK	Alcohol Analysis
M2024-4668	1	BCK	Alcohol Analysis
M2024-4673	1	BCK	Alcohol Analysis
P2024-3267	1	BCK	Alcohol Analysis
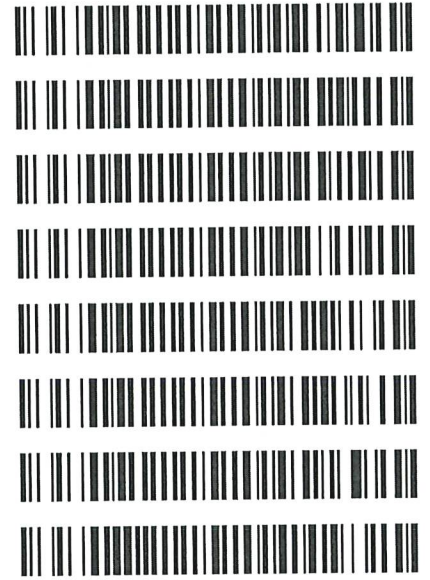
Sample Name   : ISTD BLK 1
Laboratory   : Meridian
Injection Date   : 11/8/2024 12:24:09 PM
Vial #   : 1
Method Filename : Default Project - INTERFERENT241108.gcm
Instrument #GC/HS : C12255750548 / C12595800409
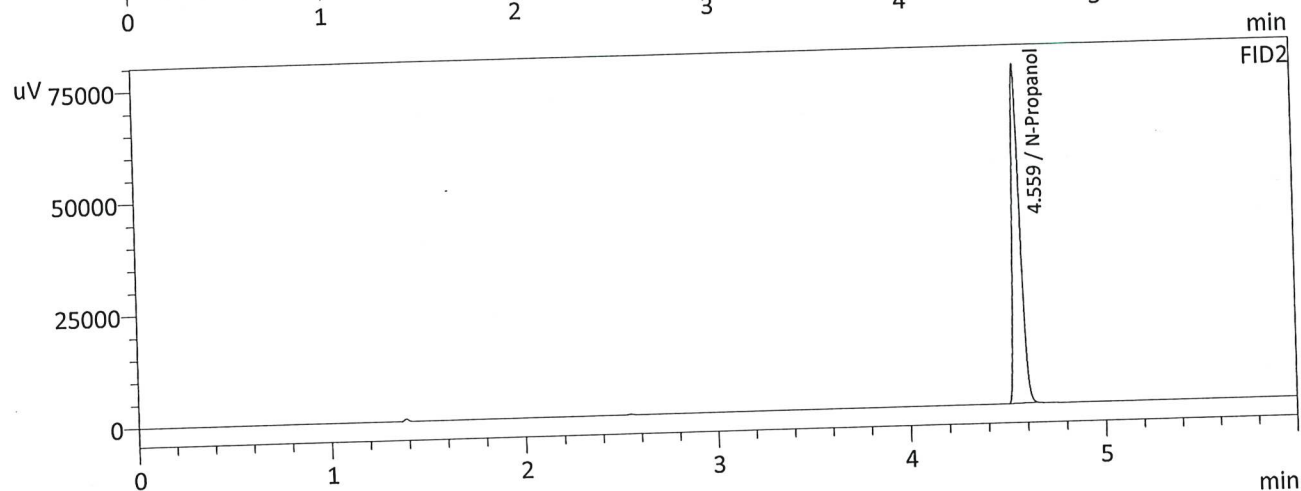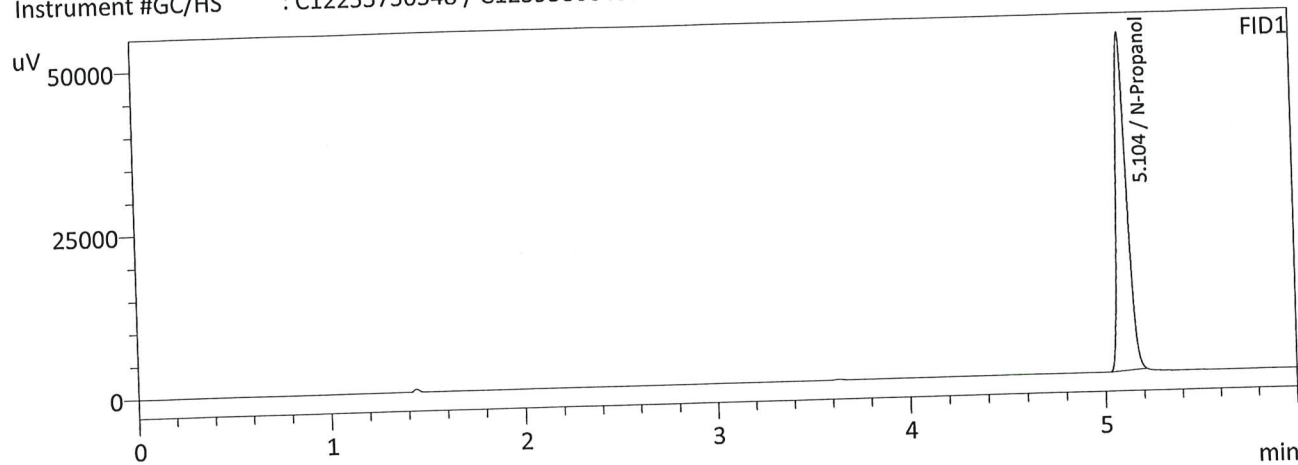
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	195532	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	209019	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc
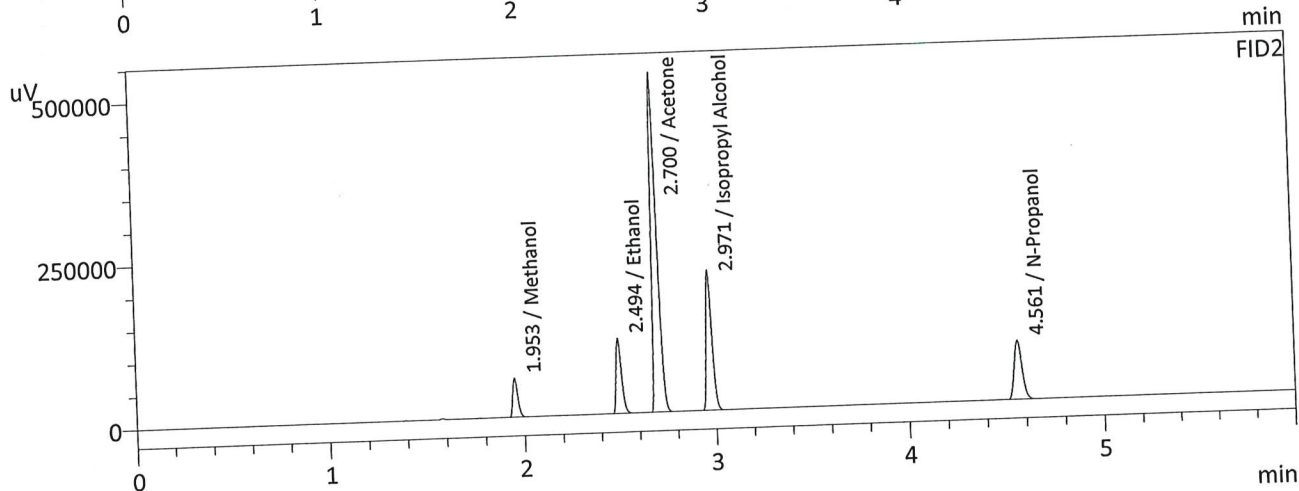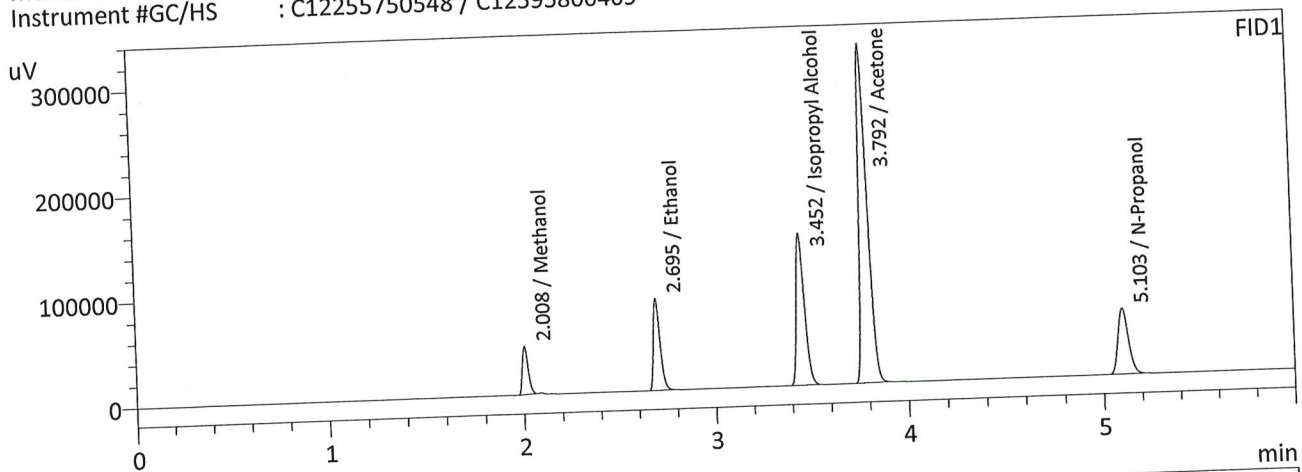
FID1

FID2

FID1

Name	Conc.	Area	Unit
Methanol	0.0000	95570	g/100cc
Ethanol	0.4168	211945	g/100cc
Isopropyl Alcohol	0.0000	425111	g/100cc
Acetone	0.0000	965785	g/100cc
N-Propanol	0.0000	235464	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	0.0000	106857	g/100cc
Ethanol	0.4181	226083	g/100cc
Acetone	0.0000	1025781	g/100cc
Isopropyl Alcohol	0.0000	447708	g/100cc
N-Propanol	0.0000	250077	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-1-1				Analysis Date(s): 11/8/2024 12:49:04 PM(-07:00)		
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0822	0.0819	0.0003	0.0820	0.0002	0.0819
(g/100cc)	0.0821	0.0815	0.0006	0.0818		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information   Instrument information is stored centrally.

Refer To Instrument Method: INTERFERENT241108.gcm

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

	Reported Results	
	0.081	

Calibration and control data are stored centrally.

Sample Name   : QC-1-1
Laboratory   : Meridian
Injection Date   : 11/8/2024 12:49:04 PM
Vial #   : 3
Method Filename : Default Project - INTERFERENT241108.gcm
Instrument #GC/HS : C12255750548 / C12595800409
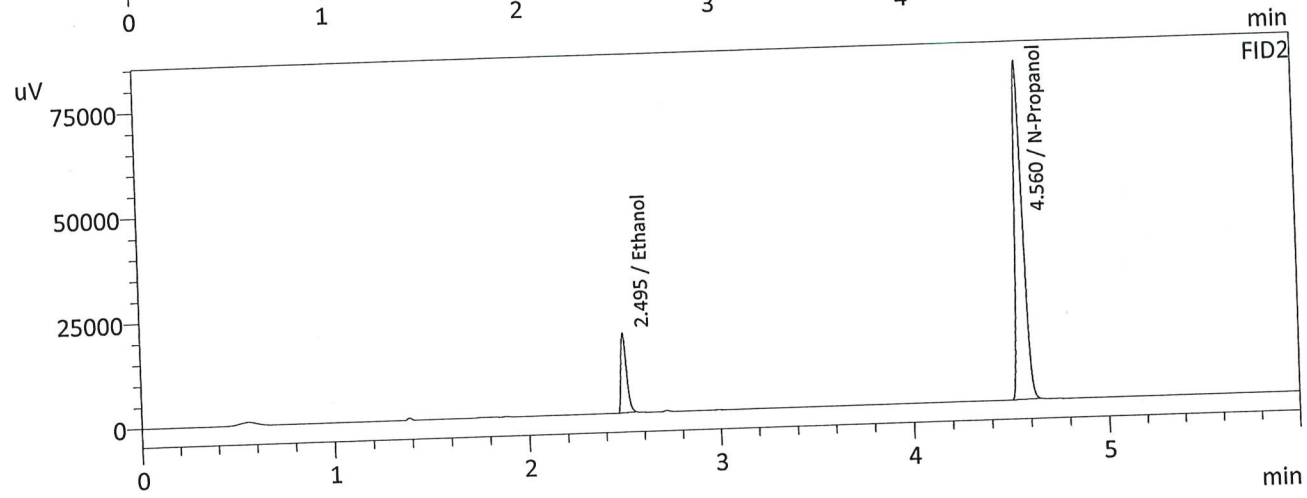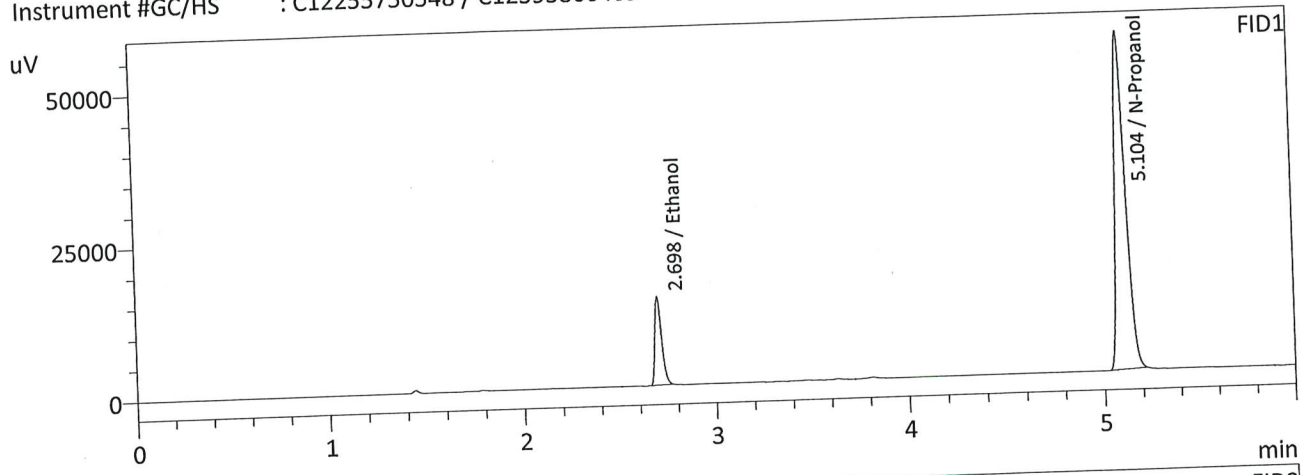
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0822	35322	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	209367	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0819	37608	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	222986	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0821	34727	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	206005	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0815	36875	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	219929	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: 0.08 QA			**Analysis Date(s): 11/8/2024 1:13:52 PM(-07:00)**			
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0787	0.0790	0.0003	0.0788	0.0029	0.0803
(g/100cc)	0.0816	0.0819	0.0003	0.0817		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information   Instrument information is stored centrally.

Refer To Instrument Method: INTERFERENT241108.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   : 11/8/2024 1:13:52 PM
Vial #   : 5
Method Filename : Default Project - INTERFERENT241108.gcm
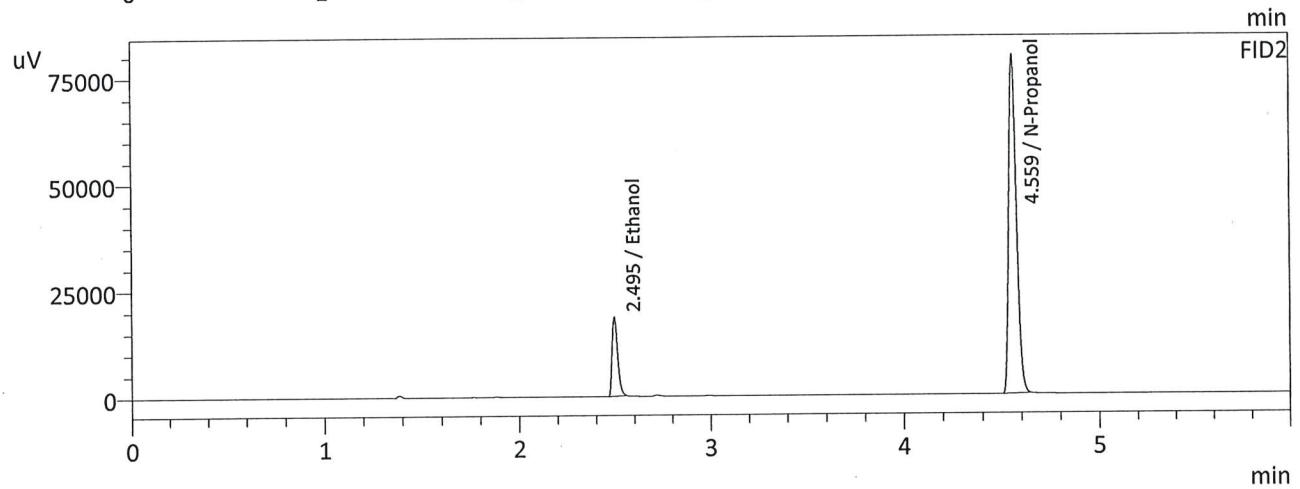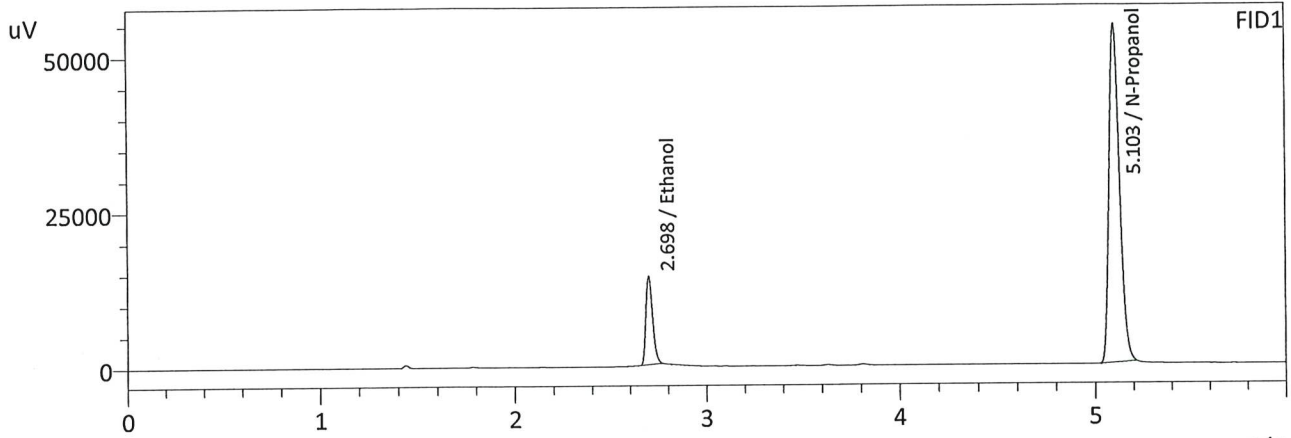Instrument #GC/HS : C12255750548 / C12595800409
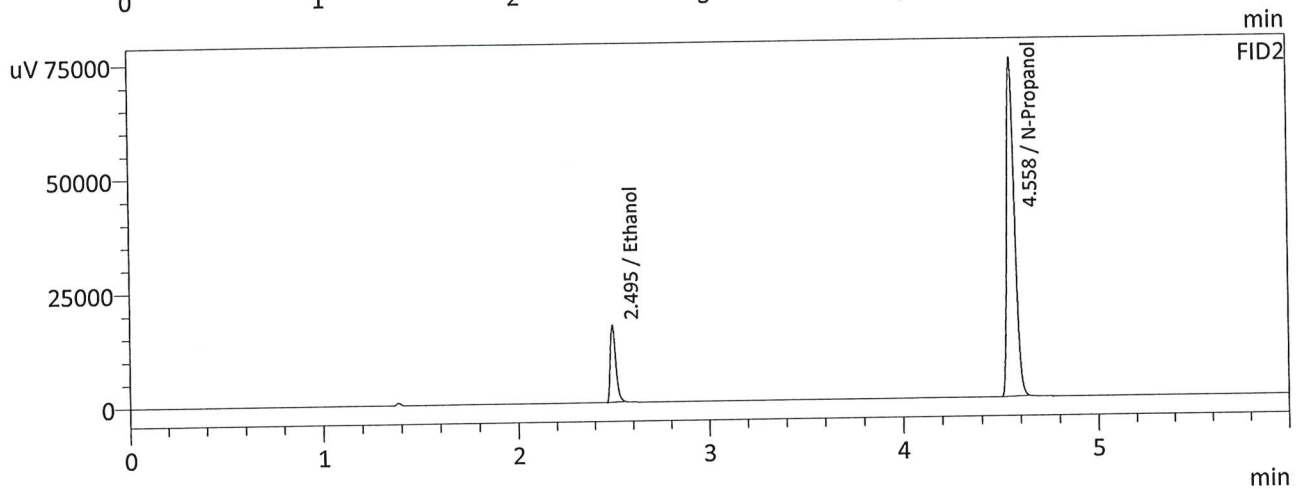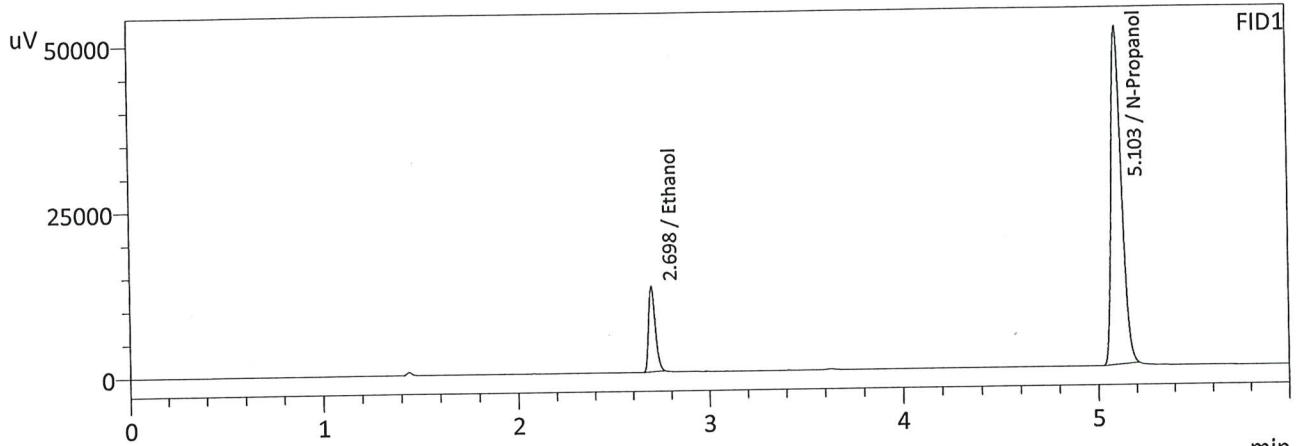
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0787	31103	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	193040	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0790	33402	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	205897	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name   : 0.08 QA-B
Laboratory   : Meridian
Injection Date   : 11/8/2024 1:25:59 PM
Vial #   : 6
Method Filename   : Default Project - INTERFERENT241108.gcm
Instrument #GC/HS : C12255750548 / C12595800409

FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0816	33225	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	198569	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0819	35702	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	211676	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-1   Analysis Date(s): 11/8/2024 5:19:38 PM(-07:00)

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2035	0.2045	0.0010	0.2040	0.0028	0.2026
(g/100cc)	0.2011	0.2013	0.0002	0.2012		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information   Instrument information is stored centrally.

Refer To Instrument Method: INTERFERENT241108.gcm

Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.202	0.191	0.213	0.011

	Reported Results	
	0.202	

Calibration and control data are stored centrally.

Sample Name : QC-2-1
Laboratory   : Meridian
Injection Date : 11/8/2024 5:19:38 PM
Vial #   : 25
Method Filename : Default Project - INTERFERENT241108.gcm
Instrument #GC/HS : C12255750548 / C12595800409
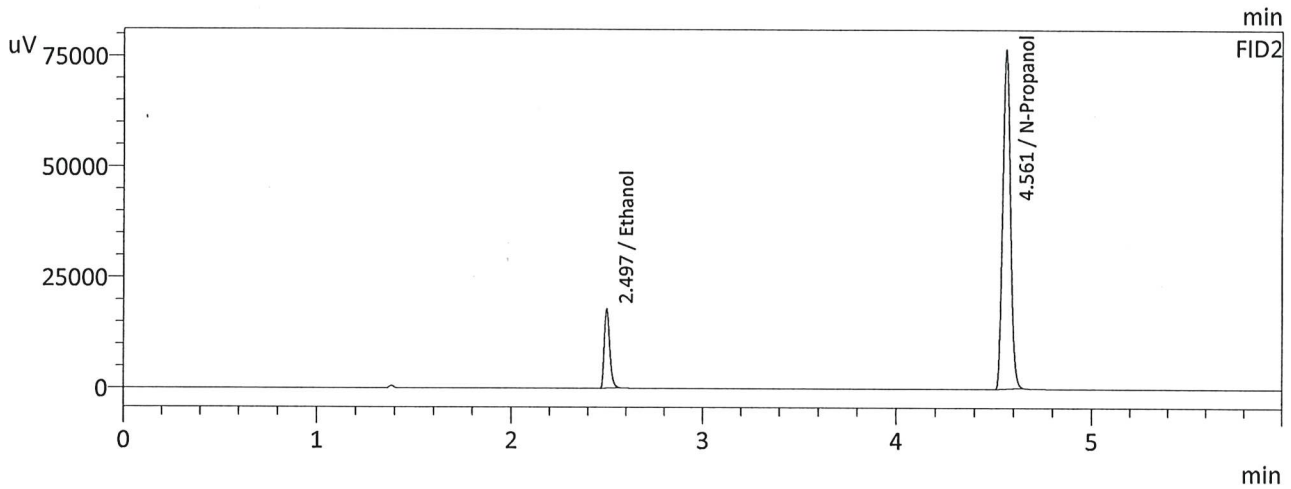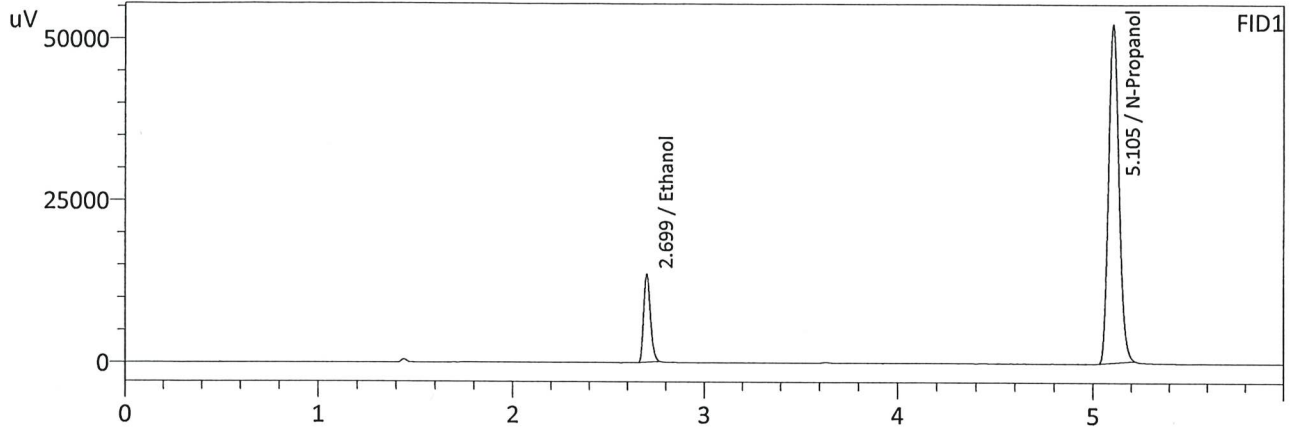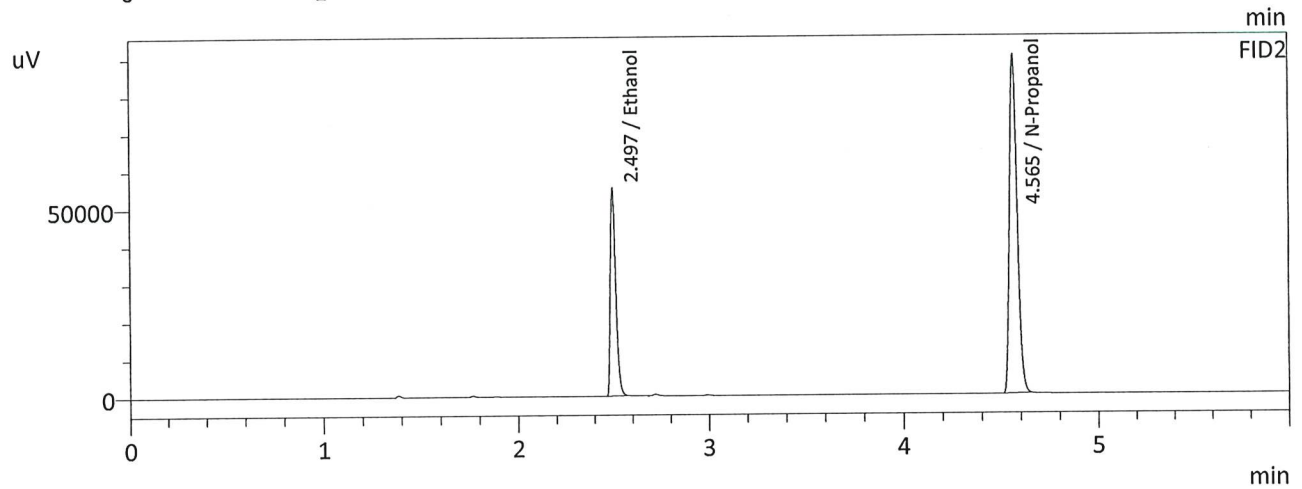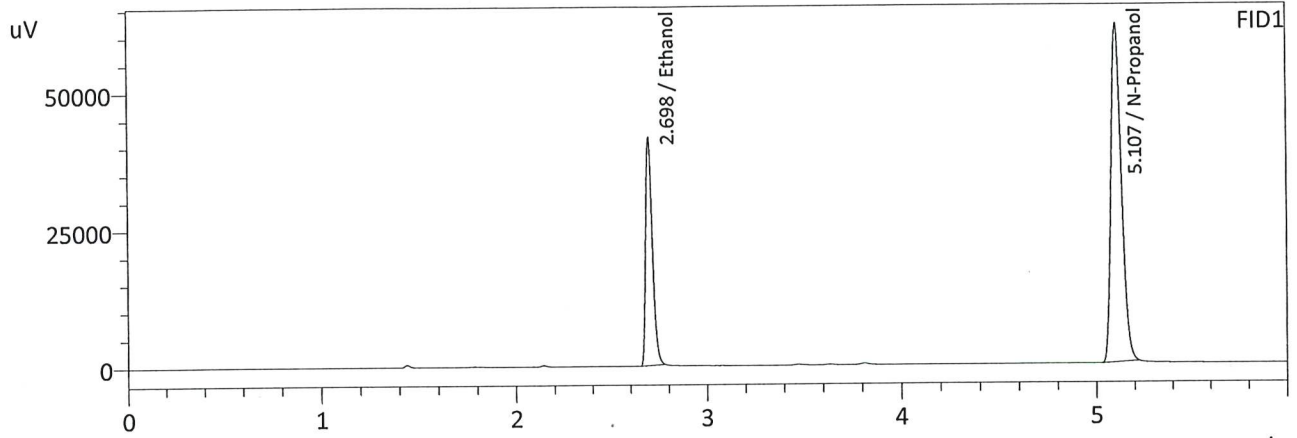
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2035	101449	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	233835	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2045	109032	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	249663	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc
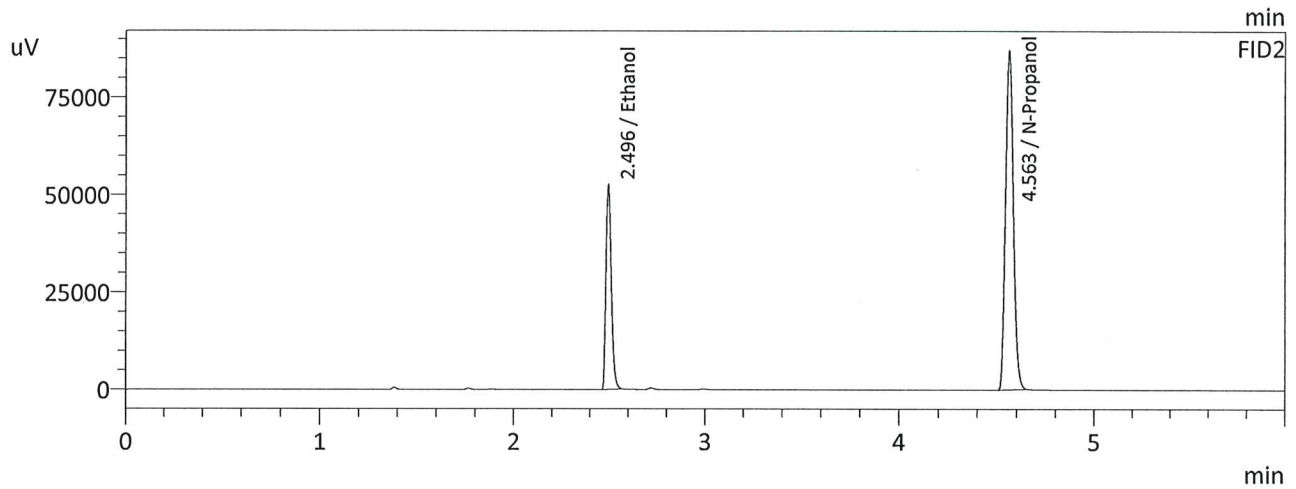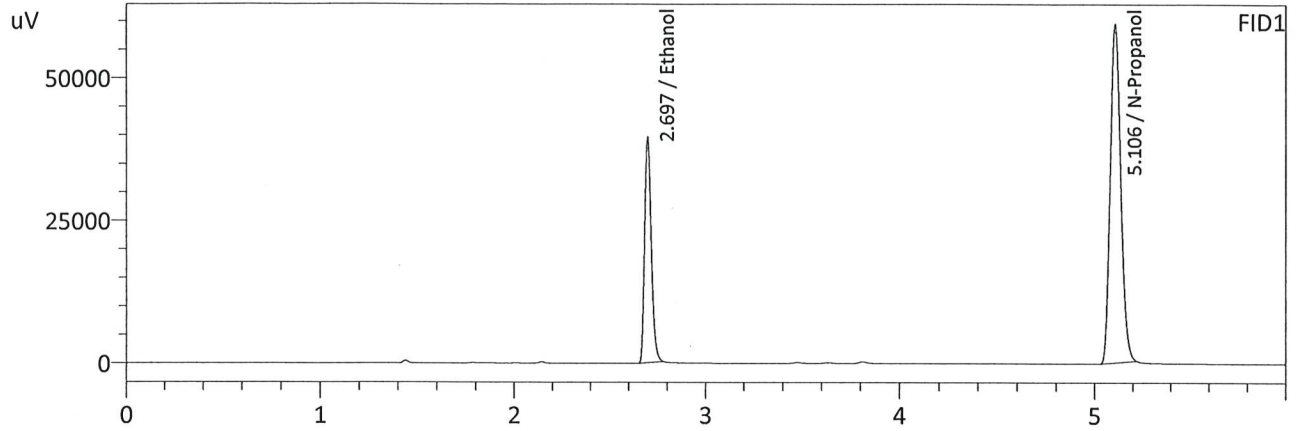
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2011	96388	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	224863	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2013	103386	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	240500	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-1-2				Analysis Date(s): 11/8/2024 9:52:08 PM(-07:00)		
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0852	0.0854	0.0002	0.0853	0.0033	0.0836
(g/100cc)	0.0818	0.0822	0.0004	0.0820		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: INTERFERENT241108.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.
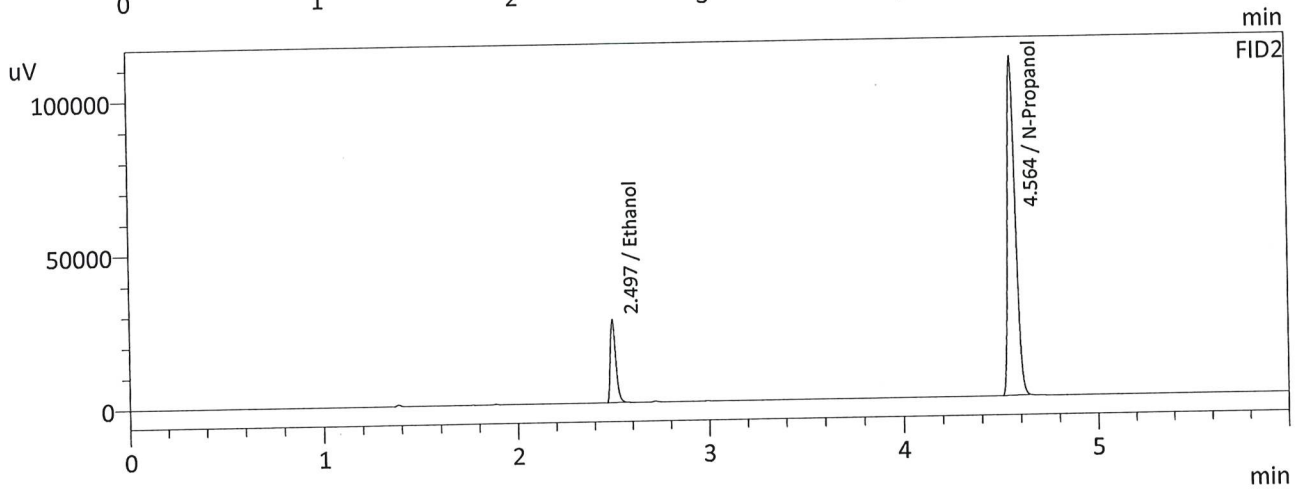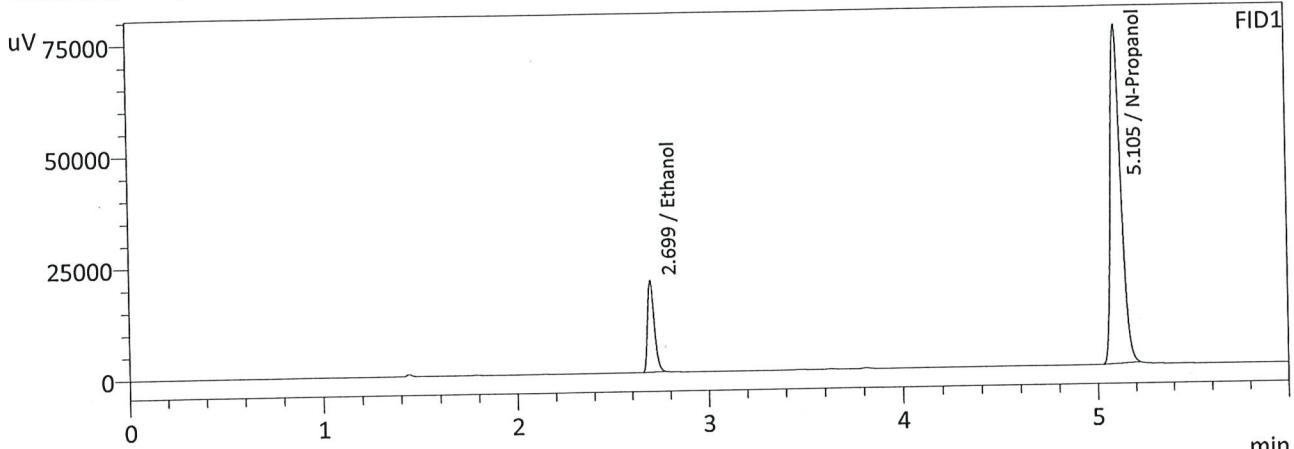
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0852	50200	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	286501	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0854	53800	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	305309	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0818	42406	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	252603	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0822	45590	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	269464	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-2			Analysis Date(s): 11/9/2024 2:23:31 AM(-07:00)			

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2025	0.2027	0.0002	0.2026	0.0027	0.2012
(g/100cc)	0.1997	0.2001	0.0004	0.1999		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information   Instrument information is stored centrally.

Refer To Instrument Method: INTERFERENT241108.gcm

Reporting of Results			Uncertainty of Measurements (UM%): 5.00%	
Overall Mean (g/100cc)	Low	High	5 % of Mean	
0.201	0.190	0.212	0.011	

	Reported Results	
	0.201	

Calibration and control data are stored centrally.

Sample Name   : QC-2-2
Laboratory   : Meridian
Injection Date   : 11/9/2024 2:23:31 AM
Vial #   : 69
Method Filename : Default Project - INTERFERENT241108.gcm
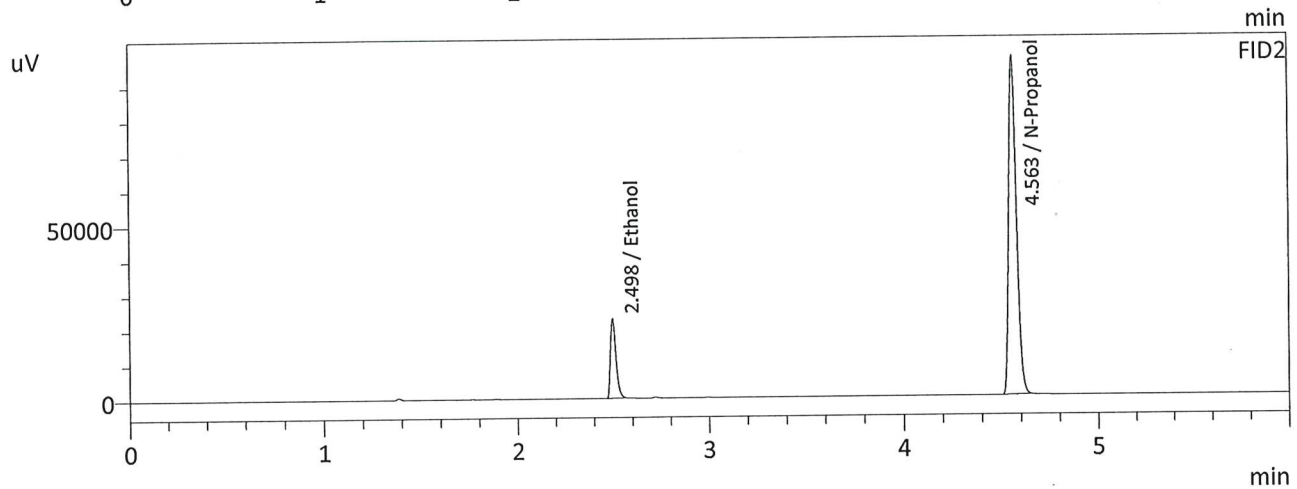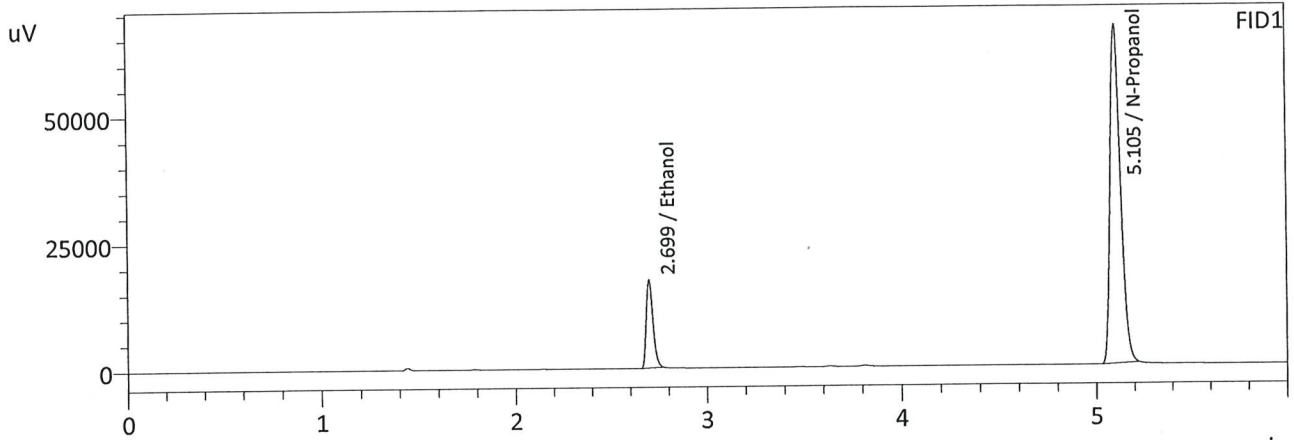Instrument #GC/HS : C12255750548 / C12595800409
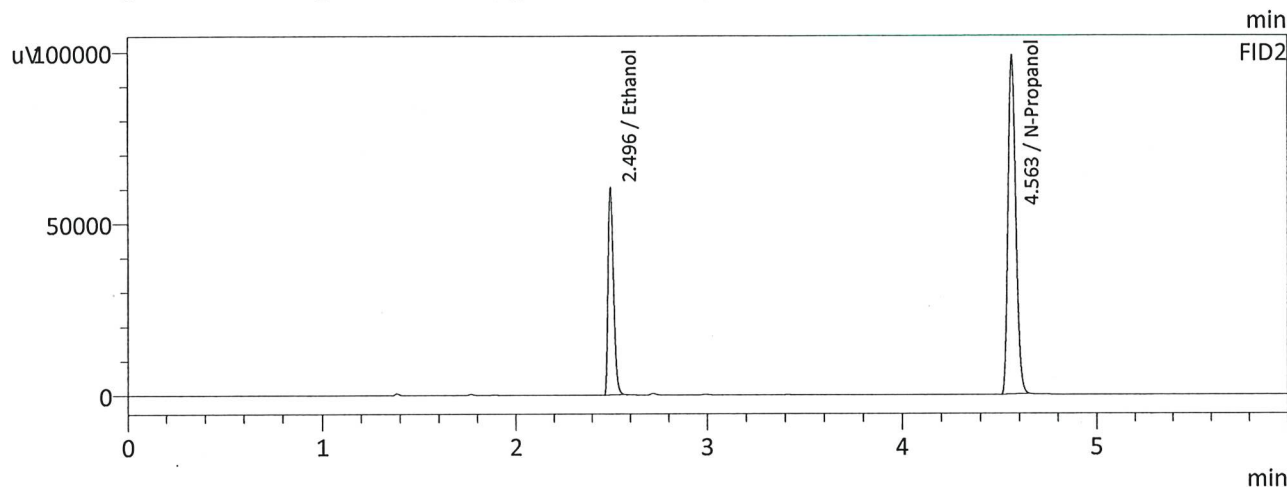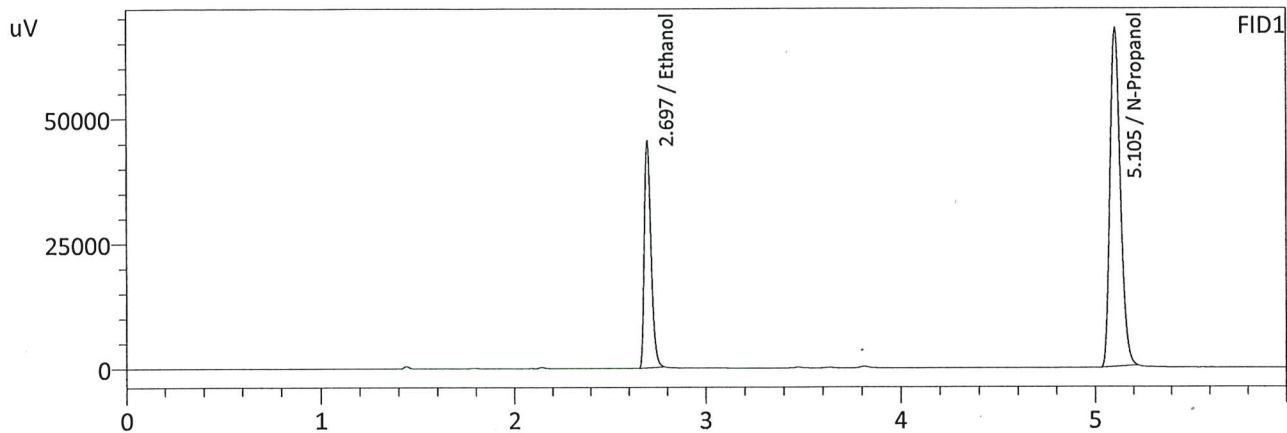
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2025	110899	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	256916	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2027	118555	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	273951	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name   : QC-2-2-B
Laboratory   : Meridian
Injection Date   : 11/9/2024 2:35:41 AM
Vial #   : 70
Method Filename   : Default Project - INTERFERENT241108.gcm
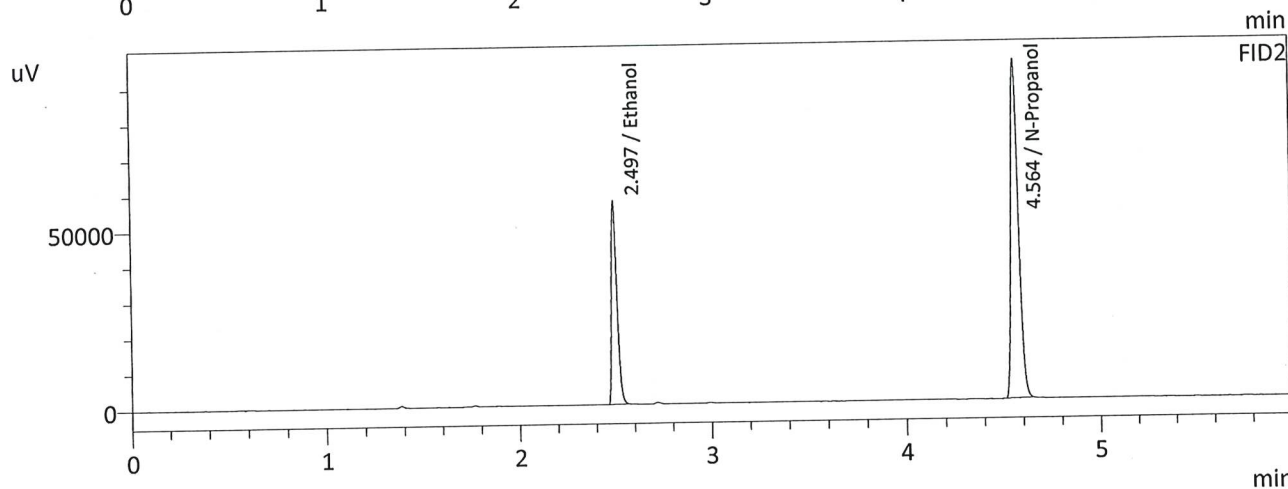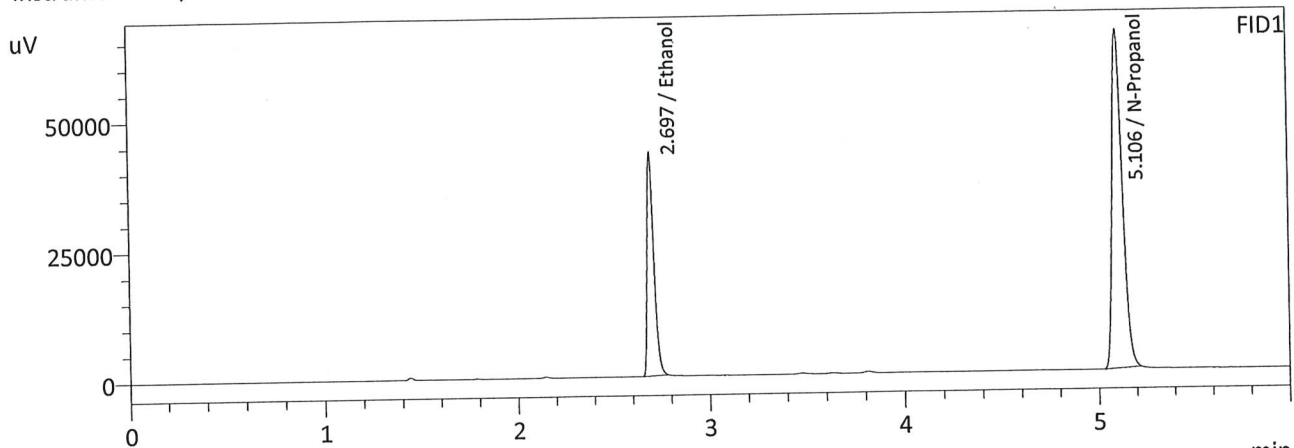Instrument #GC/HS   : C12255750548 / C12595800409

FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1997	105091	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	246937	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2001	112447	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	263256	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

JG
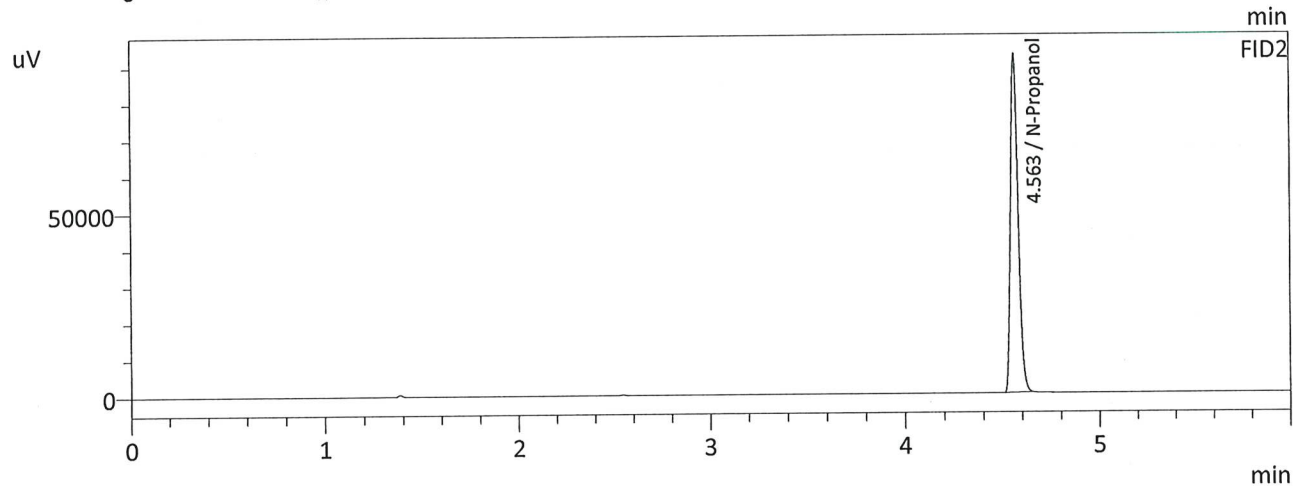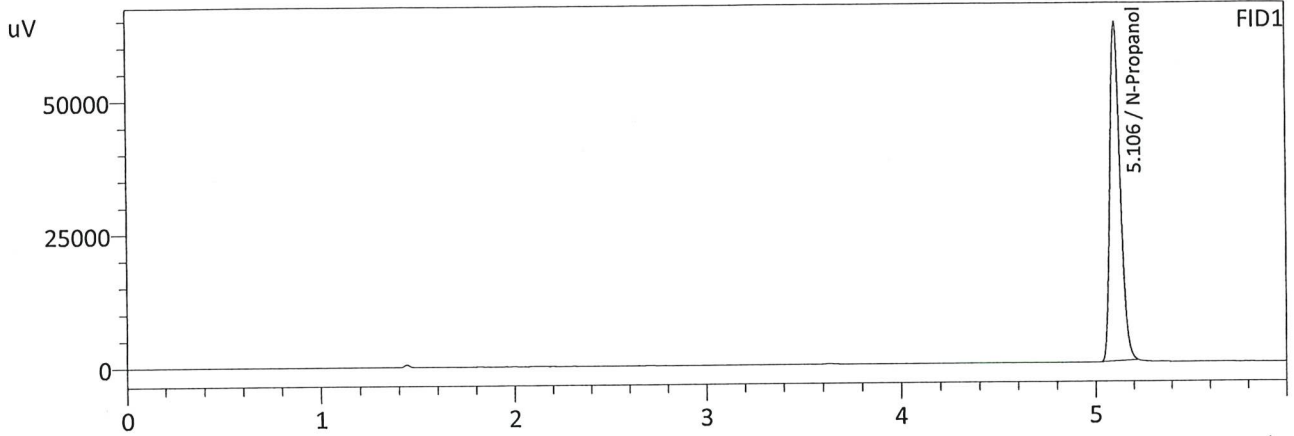
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	240535	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

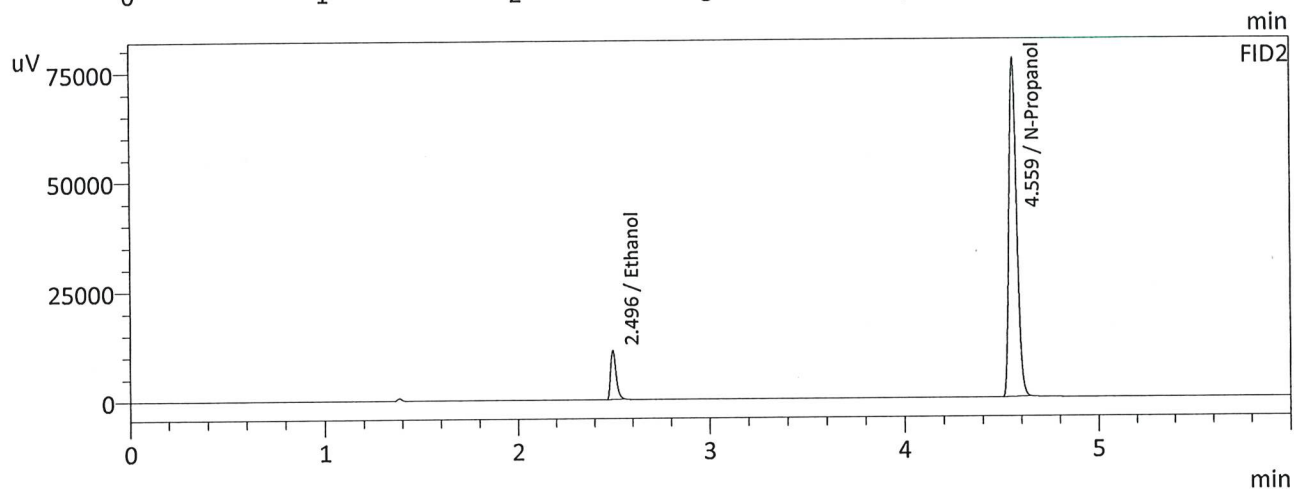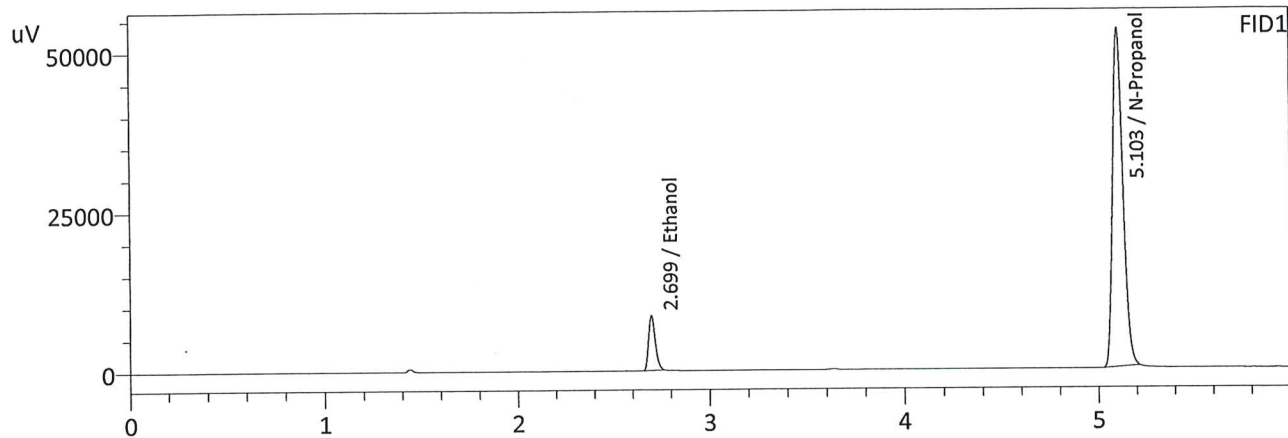| Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	256457	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Meridian Blood Alcohol Analysis Batch Table

Shimadzu GC-2030 Serial #C12255750548
Shimadzu HS-20 Serial #C12595800409
Lab Solutions Database Software Ver. 6.111
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Vial#	Sample Name	Sample Type	Level#	Method File
1	ISTD BLK 1	0:Unknown	0	INTERFERENT241108.gcm
2	ED VOLATILES FN 0604	0:Unknown	1	INTERFERENT241108.gcm
3	QC-1-1	0:Unknown	0	INTERFERENT241108.gcm
4	QC-1-1-B	0:Unknown	0	INTERFERENT241108.gcm
5	0.08 QA	0:Unknown	0	INTERFERENT241108.gcm
6	0.08 QA-B	0:Unknown	0	INTERFERENT241108.gcm
7	M2024-4316-1	0:Unknown	0	INTERFERENT241108.gcm
8	M2024-4316-1-B	0:Unknown	0	INTERFERENT241108.gcm
9	M2024-4338-1	0:Unknown	0	INTERFERENT241108.gcm
10	M2024-4338-1-B	0:Unknown	0	INTERFERENT241108.gcm
11	M2024-4348-1	0:Unknown	0	INTERFERENT241108.gcm
12	M2024-4348-1-B	0:Unknown	0	INTERFERENT241108.gcm
13	M2024-4367-1	0:Unknown	0	INTERFERENT241108.gcm
14	M2024-4367-1-B	0:Unknown	0	INTERFERENT241108.gcm
15	M2024-4411-1	0:Unknown	0	INTERFERENT241108.gcm
16	M2024-4411-1-B	0:Unknown	0	INTERFERENT241108.gcm
17	M2024-4424-1	0:Unknown	0	INTERFERENT241108.gcm
18	M2024-4424-1-B	0:Unknown	0	INTERFERENT241108.gcm
19	M2024-4425-1	0:Unknown	0	INTERFERENT241108.gcm
20	M2024-4425-1-B	0:Unknown	0	INTERFERENT241108.gcm
21	M2024-4455-1	0:Unknown	0	INTERFERENT241108.gcm
22	M2024-4455-1-B	0:Unknown	0	INTERFERENT241108.gcm
23	M2024-4461-1	0:Unknown	0	INTERFERENT241108.gcm
24	M2024-4461-1-B	0:Unknown	0	INTERFERENT241108.gcm
25	QC-2-1	0:Unknown	0	INTERFERENT241108.gcm
26	QC-2-1-B	0:Unknown	0	INTERFERENT241108.gcm
27	M2024-4478-1	0:Unknown	0	INTERFERENT241108.gcm
28	M2024-4478-1-B	0:Unknown	0	INTERFERENT241108.gcm
29	M2024-4489-1	0:Unknown	0	INTERFERENT241108.gcm
30	M2024-4489-1-B	0:Unknown	0	INTERFERENT241108.gcm
31	M2024-4490-1	0:Unknown	0	INTERFERENT241108.gcm
32	M2024-4490-1-B	0:Unknown	0	INTERFERENT241108.gcm
33	M2024-4504-1	0:Unknown	0	INTERFERENT241108.gcm
34	M2024-4504-1-B	0:Unknown	0	INTERFERENT241108.gcm
35	M2024-4531-1	0:Unknown	0	INTERFERENT241108.gcm
36	M2024-4531-1-B	0:Unknown	0	INTERFERENT241108.gcm
37	M2024-4534-1	0:Unknown	0	INTERFERENT241108.gcm
38	M2024-4534-1-B	0:Unknown	0	INTERFERENT241108.gcm
39	M2024-4537-1	0:Unknown	0	INTERFERENT241108.gcm
40	M2024-4537-1-B	0:Unknown	0	INTERFERENT241108.gcm
41	M2024-4589-1	0:Unknown	0	INTERFERENT241108.gcm
42	M2024-4589-1-B	0:Unknown	0	INTERFERENT241108.gcm
43	M2024-4604-1	0:Unknown	0	INTERFERENT241108.gcm
44	M2024-4604-1-B	0:Unknown	0	INTERFERENT241108.gcm
45	M2024-4617-1	0:Unknown	0	INTERFERENT241108.gcm
46	M2024-4617-1-B	0:Unknown	0	INTERFERENT241108.gcm
47	QC-1-2	0:Unknown	0	INTERFERENT241108.gcm
48	QC-1-2-B	0:Unknown	0	INTERFERENT241108.gcm
49	M2024-4624-1	0:Unknown	0	INTERFERENT241108.gcm
50	M2024-4624-1-B	0:Unknown	0	INTERFERENT241108.gcm
51	M2024-4640-1	0:Unknown	0	INTERFERENT241108.gcm
52	M2024-4640-1-B	0:Unknown	0	INTERFERENT241108.gcm
53	M2024-4642-1	0:Unknown	0	INTERFERENT241108.gcm
54	M2024-4642-1-B	0:Unknown	0	INTERFERENT241108.gcm
55	M2024-4643-1	0:Unknown	0	INTERFERENT241108.gcm
56	M2024-4643-1-B	0:Unknown	0	INTERFERENT241108.gcm
57	M2024-4644-1	0:Unknown	0	INTERFERENT241108.gcm
58	M2024-4644-1-B	0:Unknown	0	INTERFERENT241108.gcm
59	M2024-4645-1	0:Unknown	0	INTERFERENT241108.gcm

Vial#	Sample Name	Sample Type	Level#	Method File
60	M2024-4645-1-B	0:Unknown	0	INTERFERENT241108.gcm
61	M2024-4667-1	0:Unknown	0	INTERFERENT241108.gcm
62	M2024-4667-1-B	0:Unknown	0	INTERFERENT241108.gcm
63	M2024-4668-1	0:Unknown	0	INTERFERENT241108.gcm
64	M2024-4668-1-B	0:Unknown	0	INTERFERENT241108.gcm
65	M2024-4673-1	0:Unknown	0	INTERFERENT241108.gcm
66	M2024-4673-1-B	0:Unknown	0	INTERFERENT241108.gcm
67	P2024-3267-1	0:Unknown	0	INTERFERENT241108.gcm
68	P2024-3267-1-B	0:Unknown	0	INTERFERENT241108.gcm
69	QC-2-2	0:Unknown	0	INTERFERENT241108.gcm
70	QC-2-2-B	0:Unknown	0	INTERFERENT241108.gcm
71	ISTD BLK 2	0:Unknown	0	INTERFERENT241108.gcm

JG

FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0526	20835	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	200546	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0526	22379	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	214314	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc
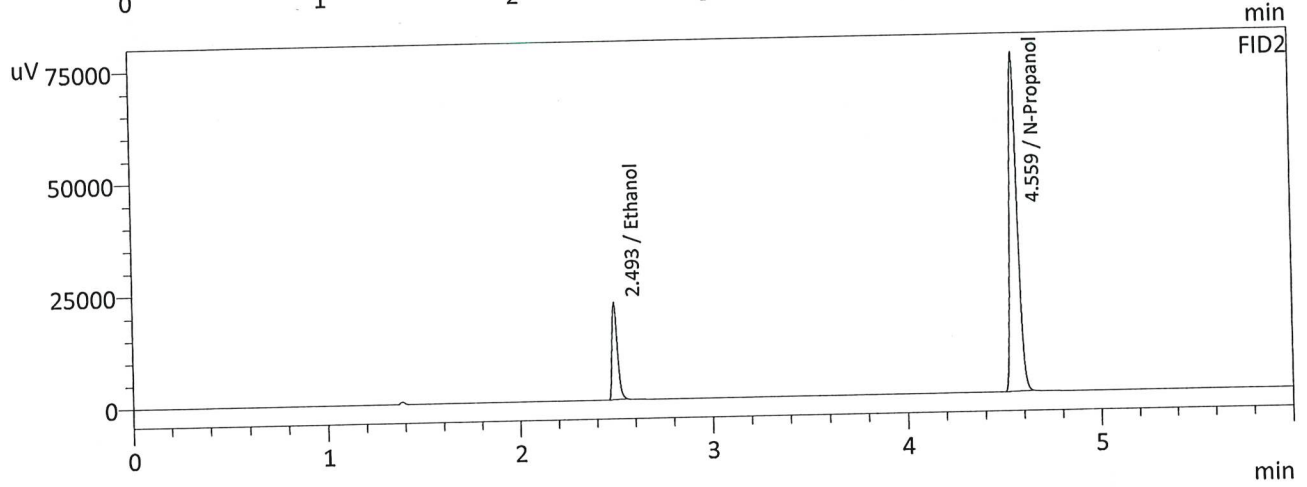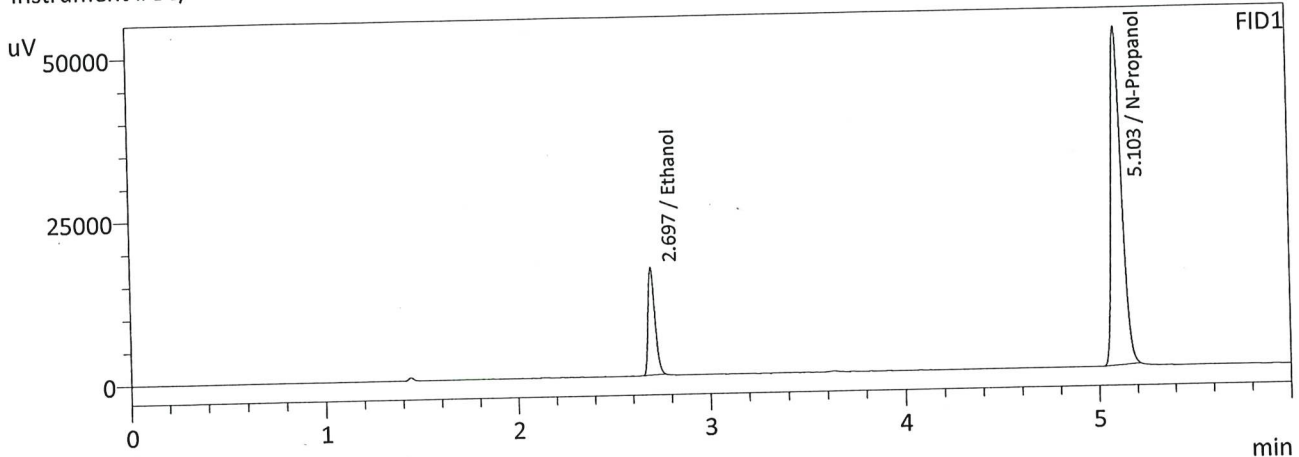
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0982	39897	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	195984	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0981	42698	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	209160	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name   : 0.200
Laboratory   : Meridian
Injection Date   : 11/8/2024 9:13:11 AM
Vial #   : 3
Method Filename   : Default Project - INTERFERENT241108.gcm
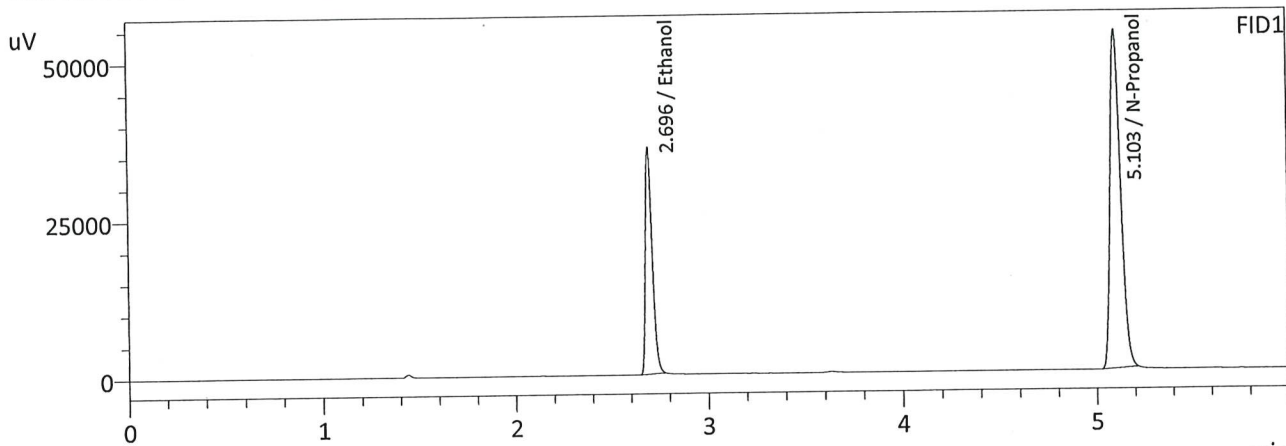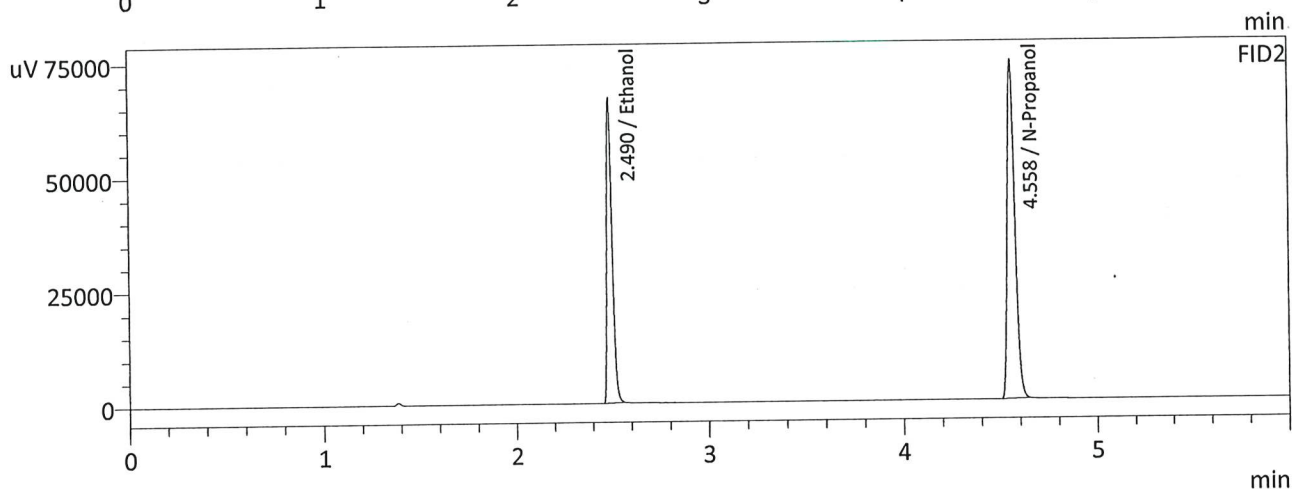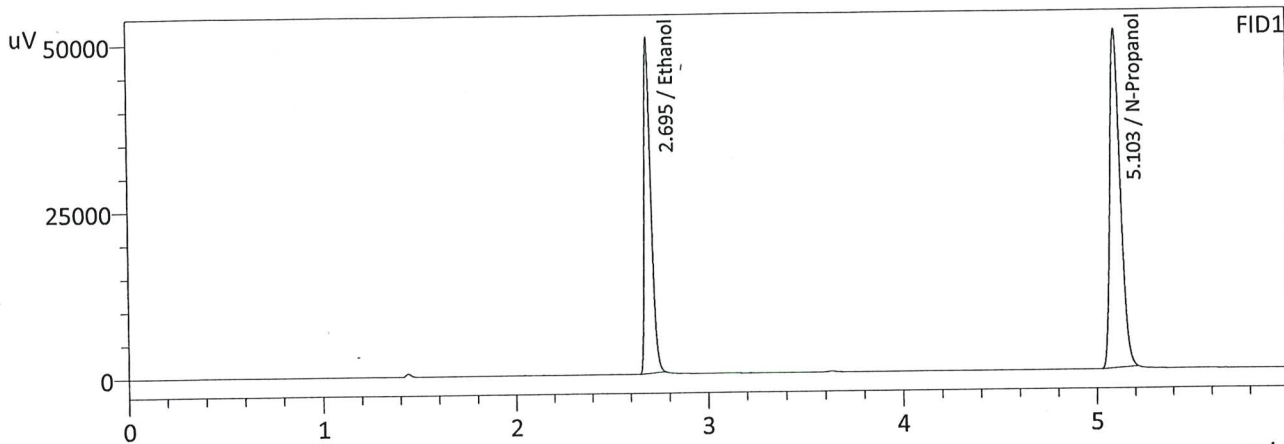Instrument #GC/HS : C12255750548 / C12595800409
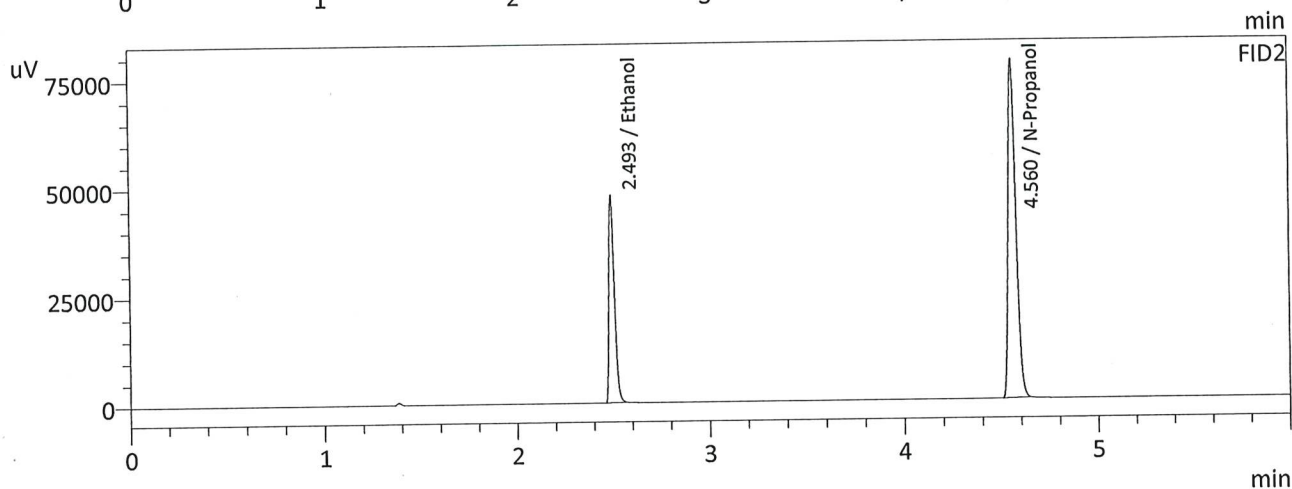
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2019	87476	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	203224	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2021	93546	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	216798	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2947	121632	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	192087	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2945	129881	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	204954	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name   : 0.500
Laboratory   : Meridian
Injection Date   : 11/8/2024 9:38:10 AM
Vial #   : 5
Method Filename   : Default Project - INTERFERENT241108.gcm
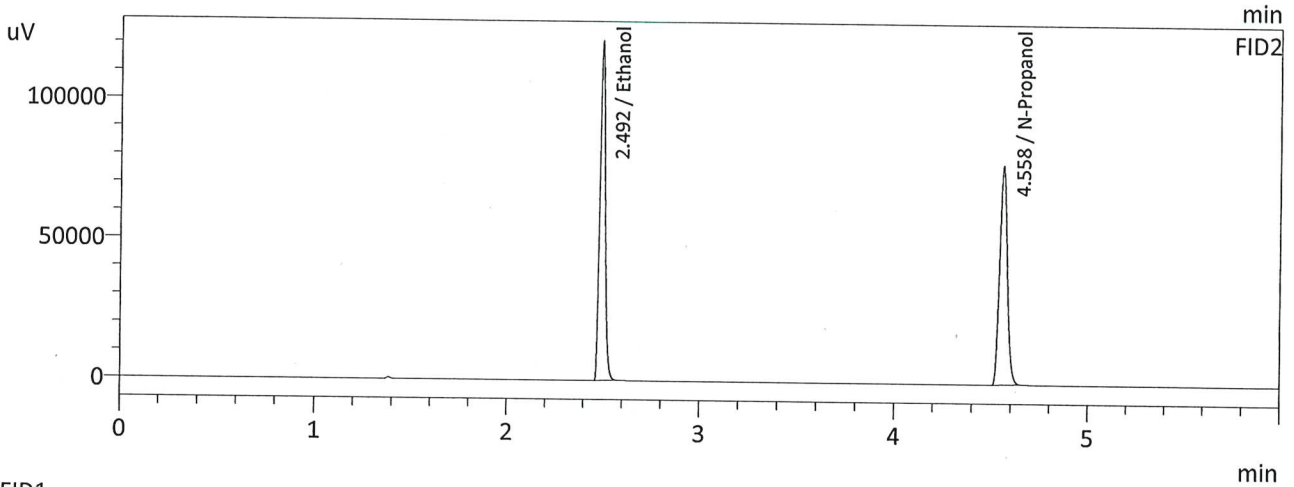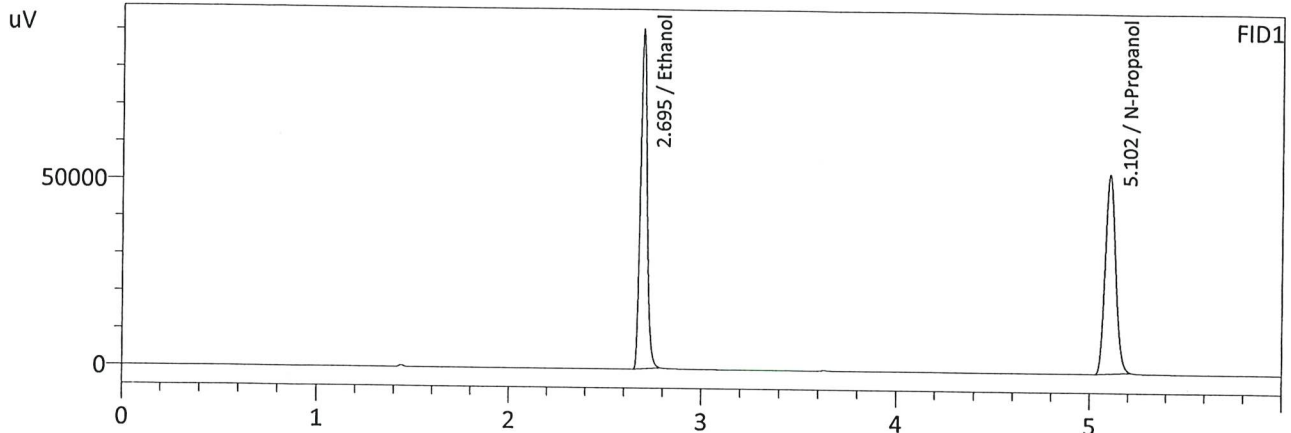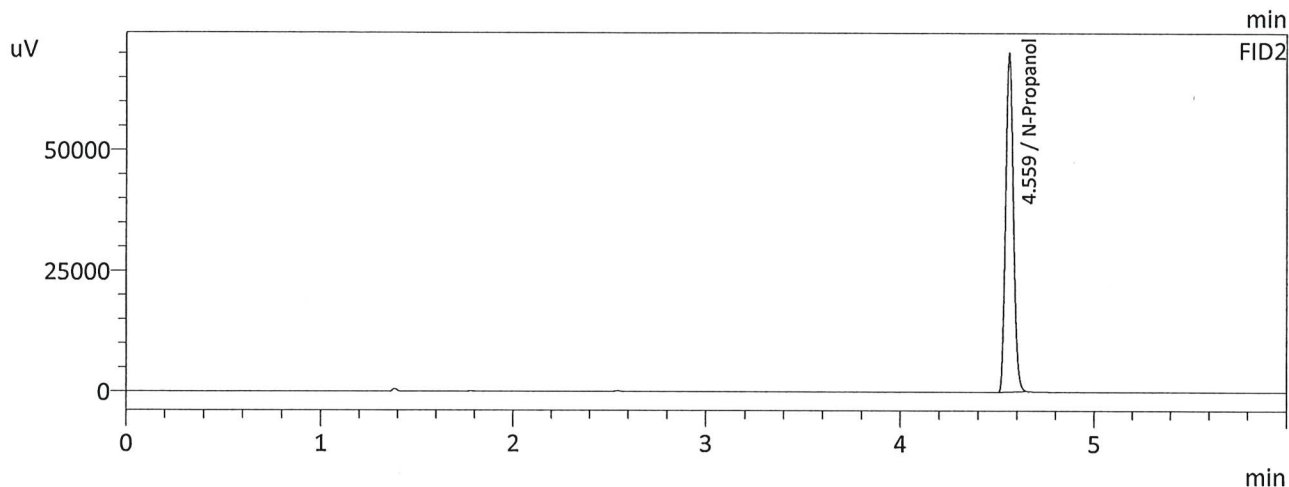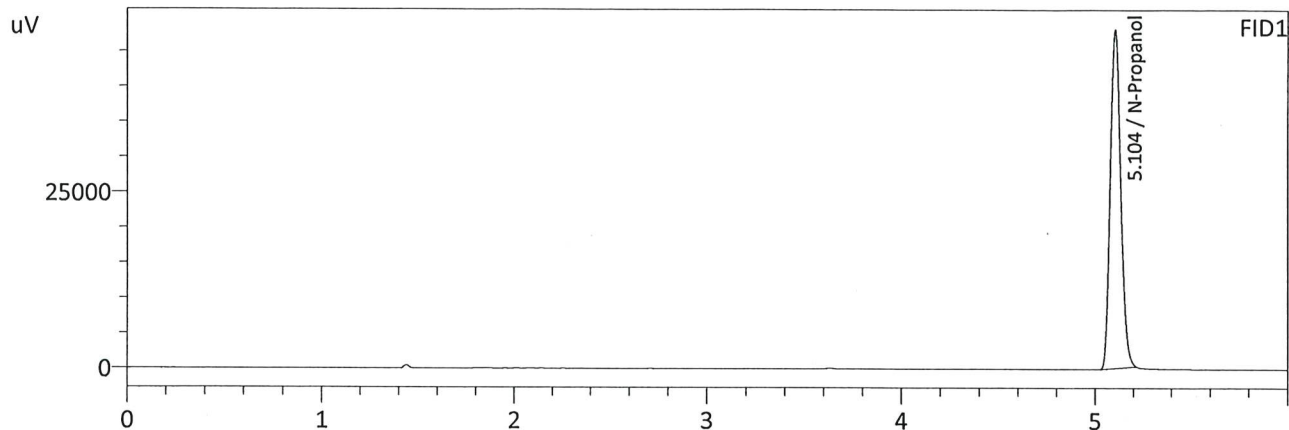Instrument #GC/HS : C12255750548 / C12595800409

FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5024	220128	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	202463	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5025	235024	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	215889	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	181706	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	193874	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
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Vial#	Sample Name	Sample Type	Level#	Method File
1	0.050	1:Standard:(I)	1	INTERFERENT241108.gcm
2	0.100	1:Standard	2	INTERFERENT241108.gcm
3	0.200	1:Standard	3	INTERFERENT241108.gcm
4	0.300	1:Standard	4	INTERFERENT241108.gcm
5	0.500	1:Standard	5	INTERFERENT241108.gcm
6	INT STD BLK	0:Unknown	0	INTERFERENT241108.gcm

==

Calibration Table

==

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

        <<Data File>>
Method File   :Default Project - INTERFERENT241108.gcm
Batch File   :Default Project - CALCURVE_241108.gcb
Date Acquired   :11/8/2024 9:38:10 AM
Date Created   :11/8/2024 9:31:54 AM
Date Modified   :11/8/2024 9:44:14 AM
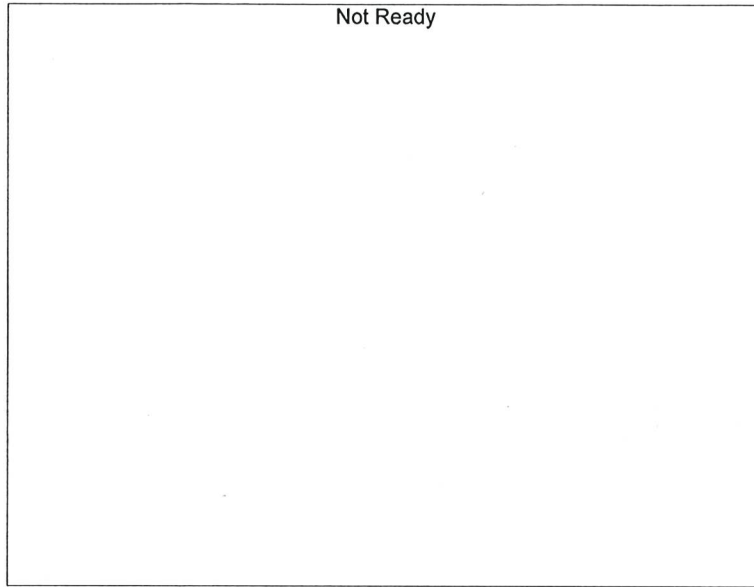
Not Ready

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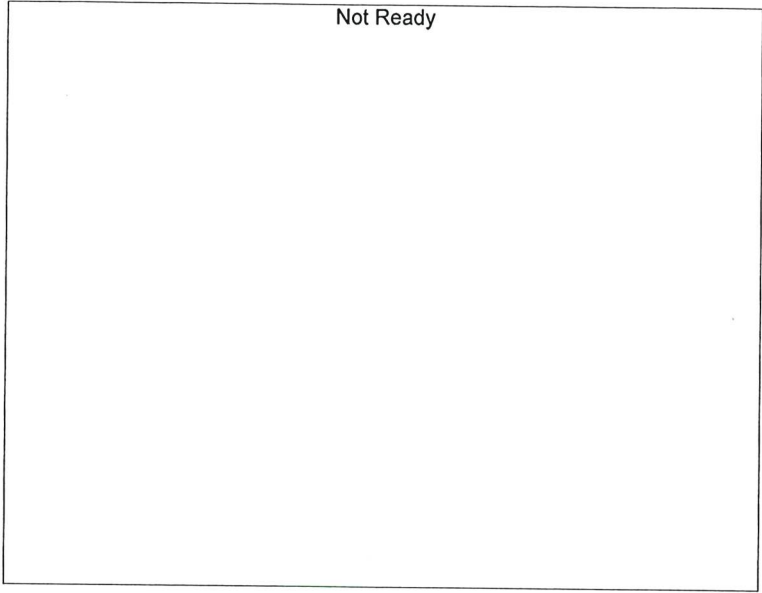R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.

Area Ratio
[*10^0]
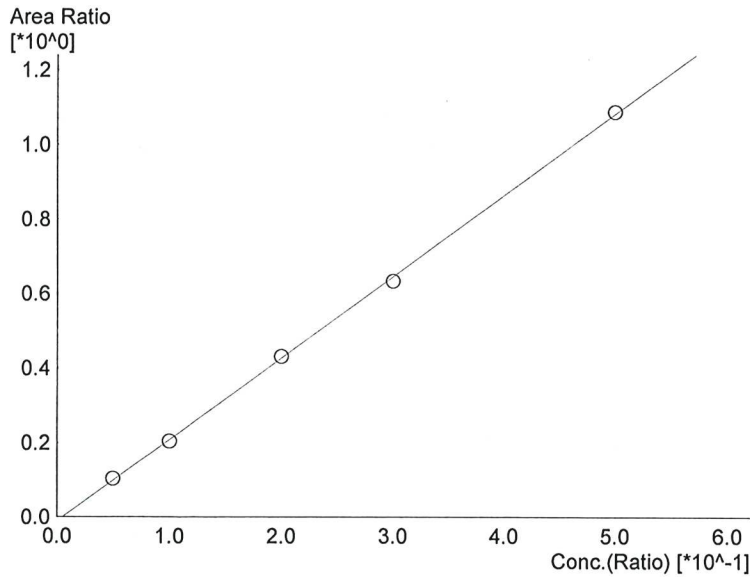
Name : Ethanol
Detector Name: FID1
Function : $f(x)=2.18596*x-0.0110985$
R^2 value= 0.9996288
FitType: Linear
ZeroThrough: Not Through

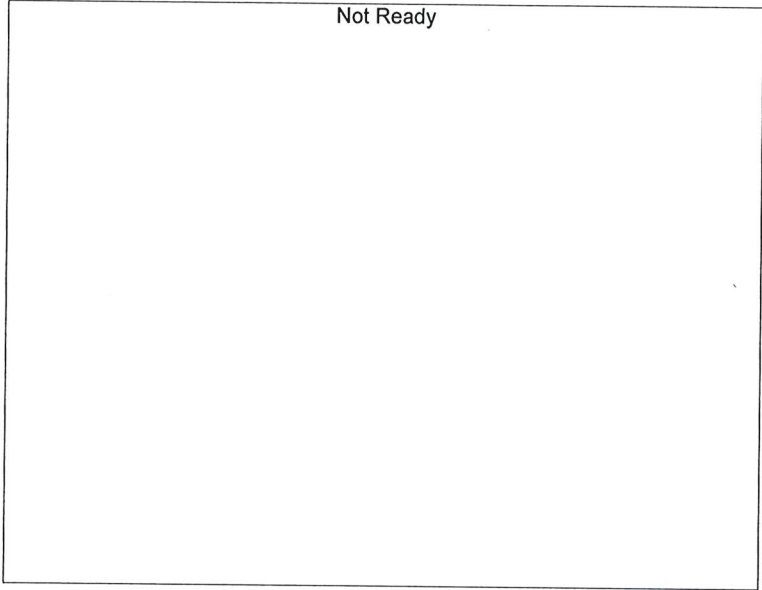| #	Conc.	Area	Std. Conc.
1	0.050	20835	0.0526
2	0.100	39897	0.0982
3	0.200	87476	0.2019
4	0.300	121632	0.2947
5	0.500	220128	0.5024

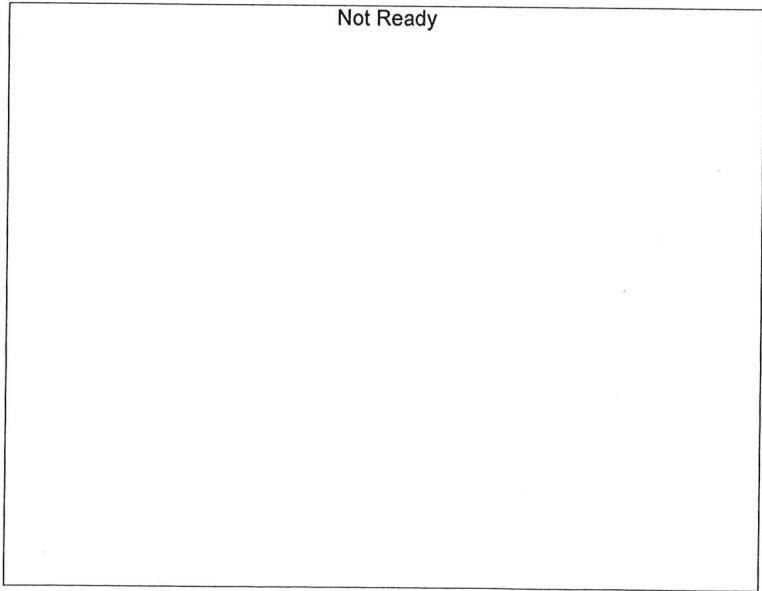Conc.(Ratio) [*10^-1]

Not Ready

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

#	Conc.	Area	Std. Conc.

Not Ready

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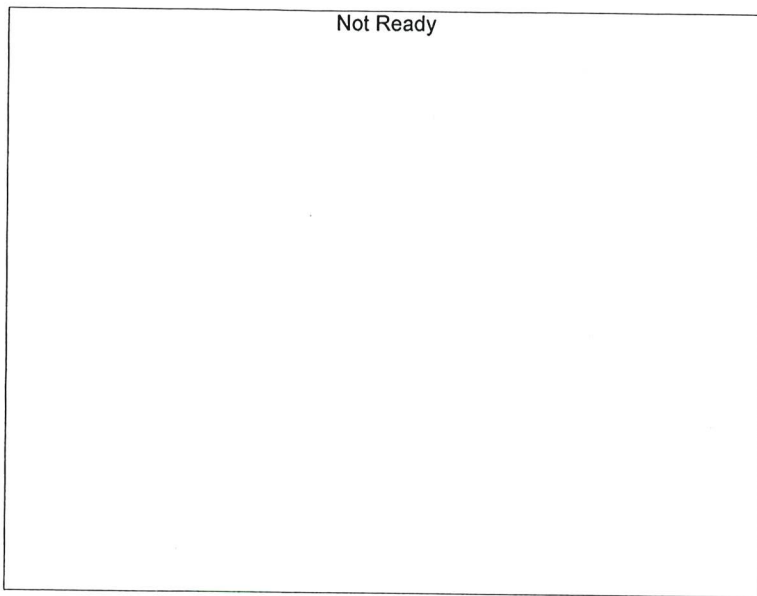FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.

Not Ready

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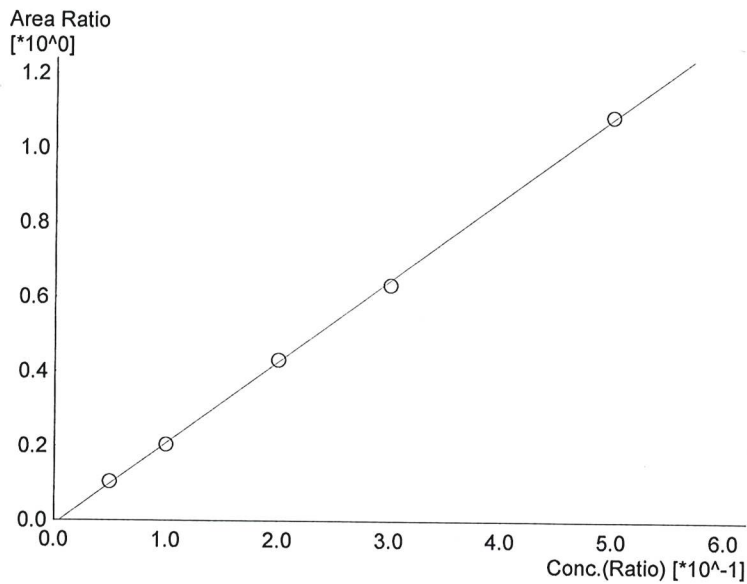R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

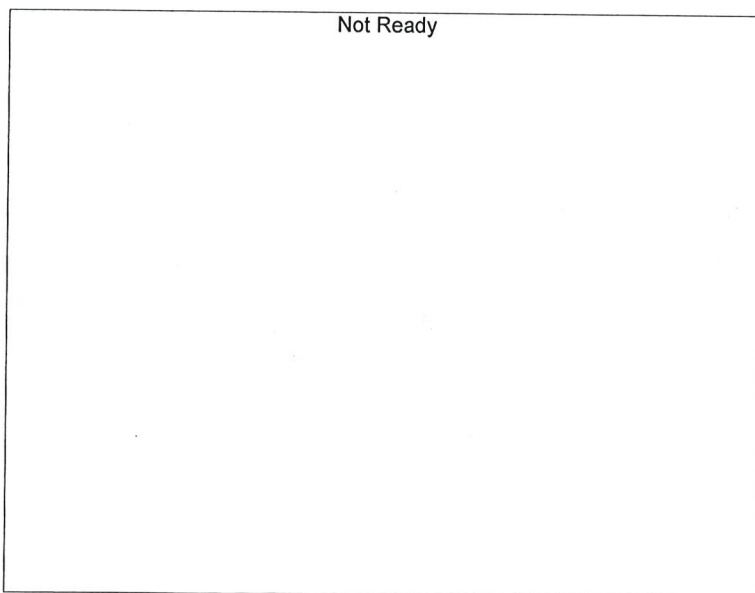| #	Conc.	Area	Std. Conc.

Not Ready

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

#	Conc.	Area	Std. Conc.

Area Ratio
[*10^0]

Conc.(Ratio) [*10^-1]

Name : Ethanol
Detector Name: FID2
Function : f(x)=2.18759*x-0.0106677
R^2 value= 0.9996056
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	22379	0.0526
2	0.100	42698	0.0981
3	0.200	93546	0.2021
4	0.300	129881	0.2945
5	0.500	235024	0.5025

Not Ready

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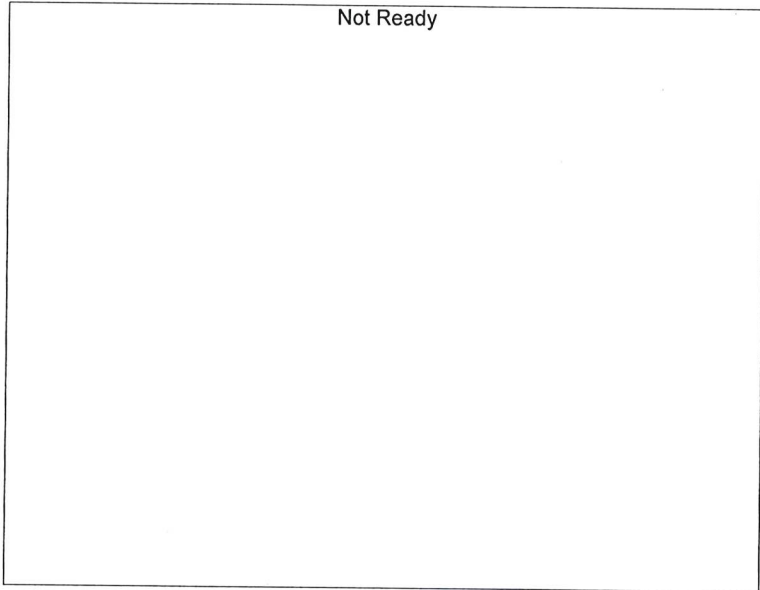FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.

Not Ready

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

#	Conc.	Area	Std. Conc.

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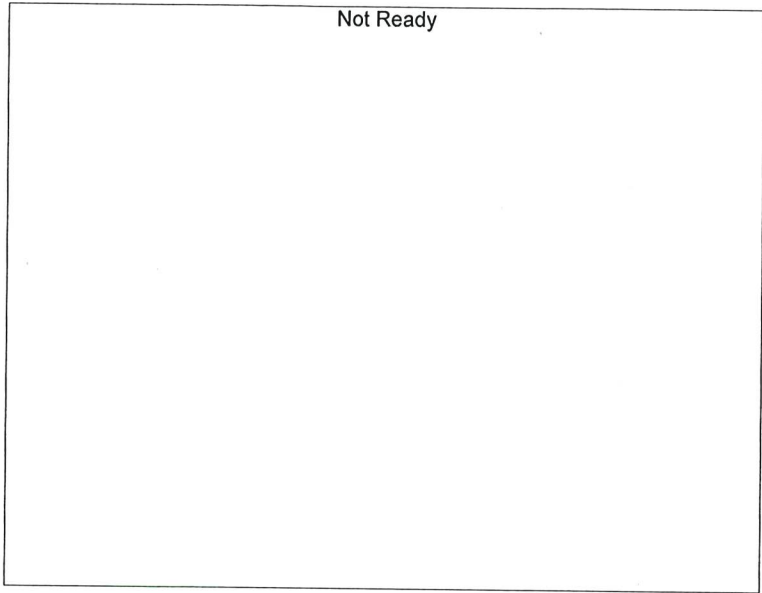
Name : Flour. Hydrocarbon(s)
Detector Name: FID2
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.