

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 11/20/2024

SEQUENCE NAME 20Nov24

EQUIPMENT

Pipettor Hamilton ML600EH7497 Hamilton ML600EA20851
 Gas Chromatograph Agilent US14173023

INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN03122113 Coefficient of determination (r²)
 Vial 2 0.10 calibrator Lot FN03072301 0.99999
 Vial 3 0.20 calibrator Lot FN03132302
 Vial 4 0.40 calibrator Lot FN03052102

CALIBRATION VERIFICATION AND RESOLUTION TEST

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 050624WB
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.403 g/dL	Lipomed 12052023-B
8	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 518018
9	Blood control	0.199 g/dL	0.202 g/dL	ACQ 4110320133/11
20	Aqueous control	0.100 g/dL	0.100 g/dL	Lipomed 517758
31	Aqueous control	0.100 g/dL	0.101 g/dL	Lipomed 517758
42	Aqueous control	0.400 g/dL	0.402 g/dL	Lipomed 12052023-B
43	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 518018
44	Blood control	0.199 g/dL	0.204 g/dL	ACQ 4110320133/11
45	Blank	Not detected	Not detected	SPD lab 090524AQ

SUBJECT SAMPLES

Subjects in the sequence 15 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid Run invalid Erika Canonico Analyst
 Run valid Run invalid ASW Abbott Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

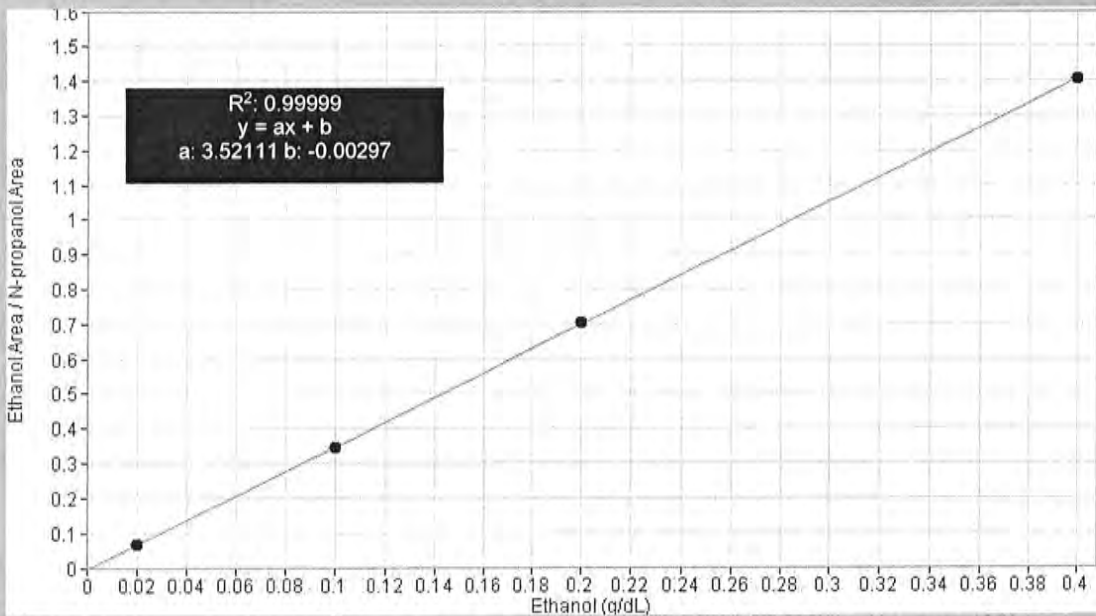
SEQUENCE NAME: 20Nov24

ANALYST: Canonico EE

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 050624WB	5	negative	negative	-	-
0.400 12052023-B	7	0.403	0.400	0.75	0.003
0.040 518018	8	0.041	0.040	2.50	0.001
0.199 4110320133/11	9	0.202	0.199	1.51	0.003
0.100 517758	20	0.100	0.100	0.00	0.000
0.100 517758	31	0.101	0.100	1.00	0.001
0.400 12052023-B	42	0.402	0.400	0.50	0.002
0.040 518018	43	0.041	0.040	2.50	0.001
0.199 4110320133/11	44	0.204	0.199	2.51	0.005
blank 090524AQ	45	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.082	163.773	0.068
0.100	58.186	167.404	0.348
0.200	121.614	172.945	0.703
0.400	235.016	167.284	1.405

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03122113	Vial:	1
Description:	0.020 calibrator	Sequence:	20Nov24
Method:	ethanol quant.M	Injection date:	11/20/2024 1:22:49 PM
Instrument:	US14173023 CN14160045	Analyst:	Canonico ee
Data file:	C:\Chem32\1\Data\20Nov24\1.D		

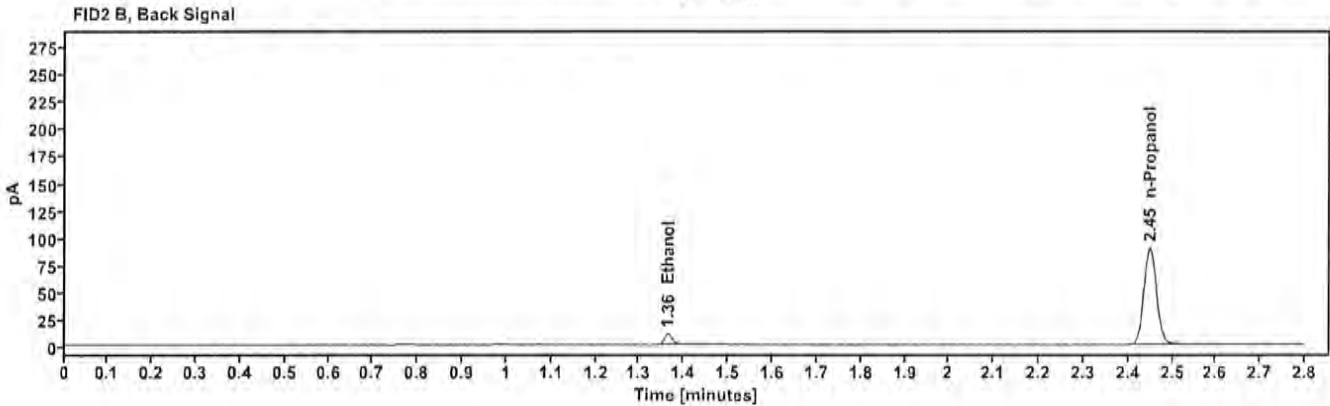
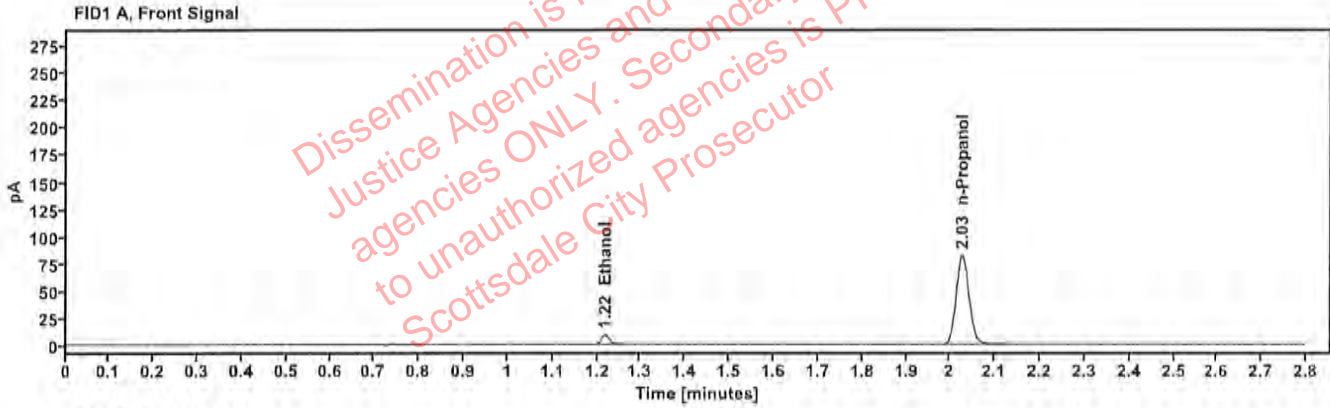


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.218	11.082
n-Propanol	2.027	163.773

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.364	12.129
n-Propanol	2.449	178.666

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03072301	Vial:	2
Description:	0.100 calibrator	Sequence:	20Nov24
Method:	ethanol quant.M	Injection date:	11/20/2024 1:26:49 PM
Instrument:	US14173023 CN14160045	Analyst:	Canonico EE
Data file:	C:\Chem32\1\Data\20Nov24\2.D		

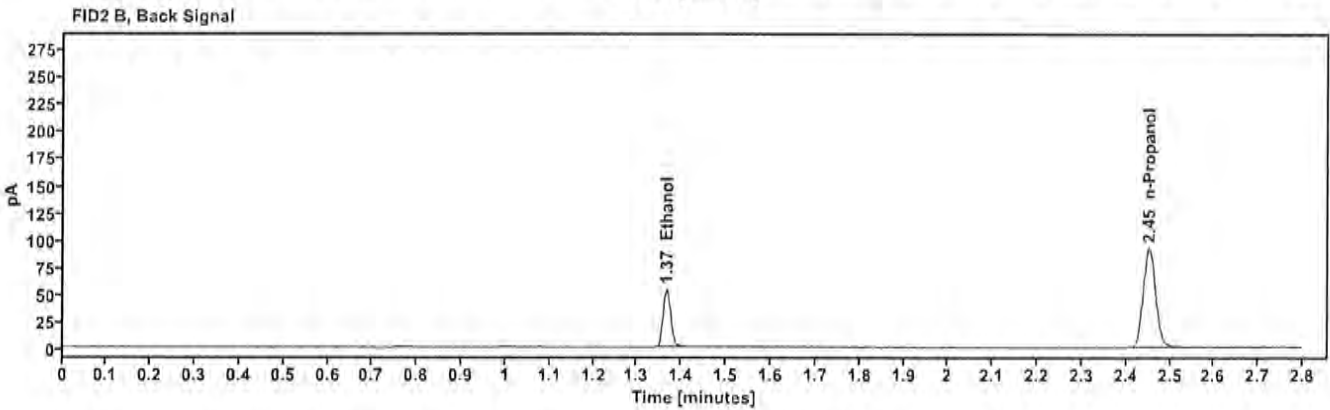
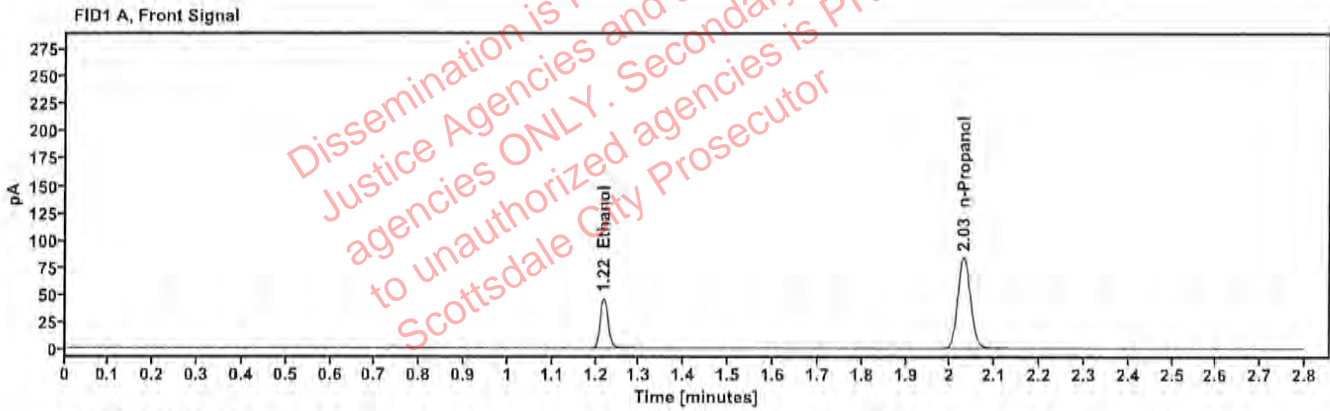


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.218	58,186
n-Propanol	2.029	167,404

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.365	63,767
n-Propanol	2.453	182,339

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03132302	Vial:	3
Description:	0.200 calibrator	Sequence:	20Nov24
Method:	ethanol quant.M	Injection date:	11/20/2024 1:30:50 PM
Instrument:	US14173023 CN14160045	Analyst:	Canonico EE
Data file:	C:\Chem32\1\Data\20Nov24\3.D		

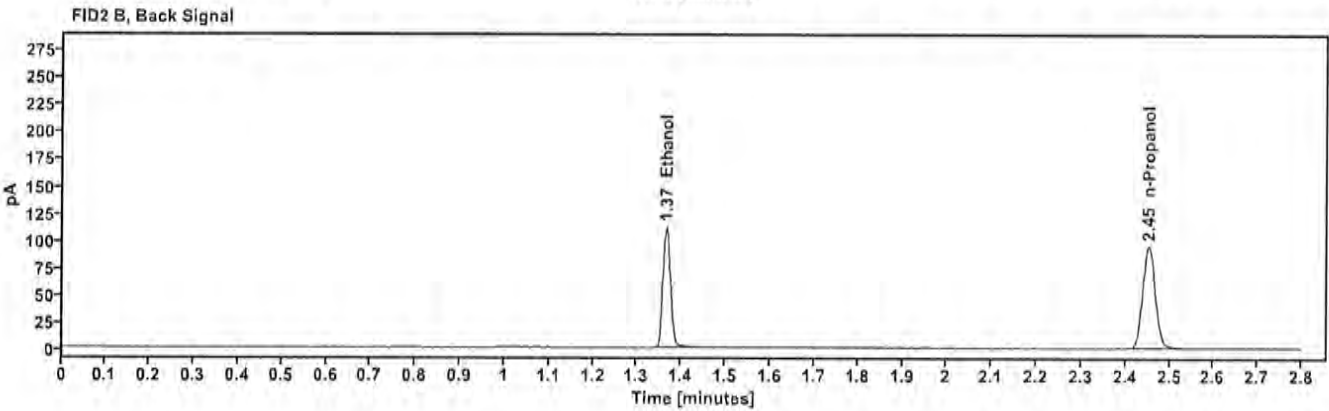
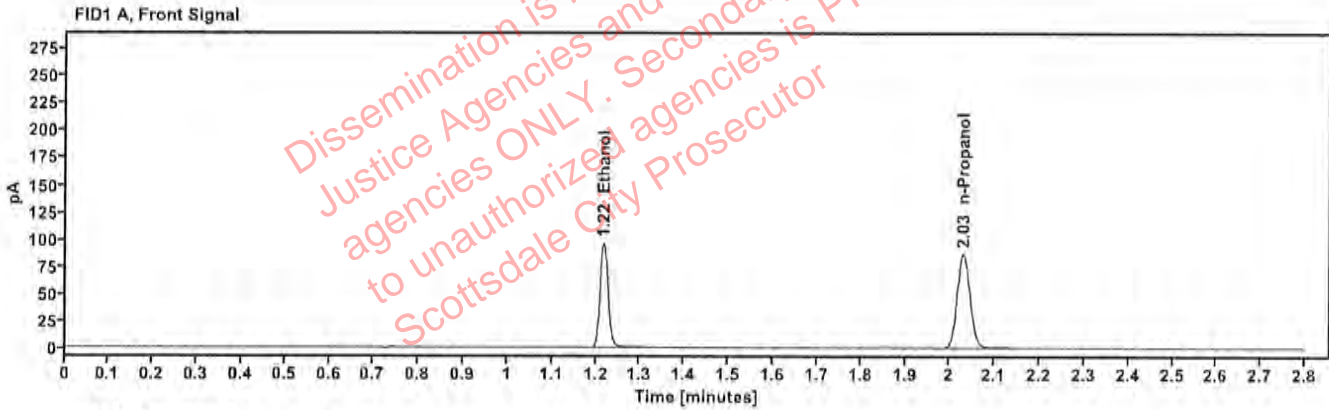


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.217	121.614
n-Propanol	2.030	172.945

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.366	133.814
n-Propanol	2.453	188.104

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN03052102	Vial: 4
Description: 0.400 calibrator	Sequence: 20Nov24
Method: ethanol quant.M	Injection date: 11/20/2024 1:34:49 PM
Instrument: US14173023 CN14160045	Analyst: Canonico Ⓜ
Data file: C:\Chem32\1\Data\20Nov24\4.D	

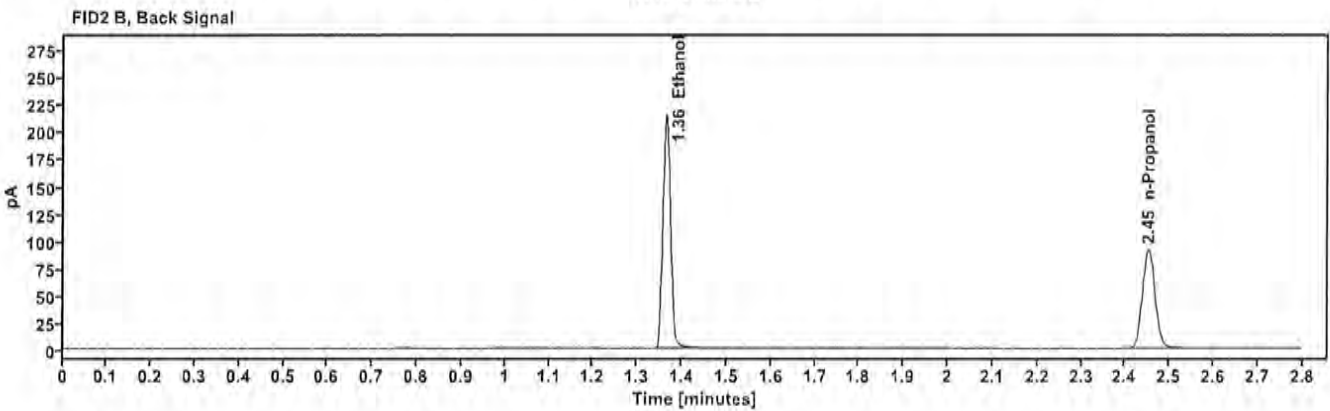
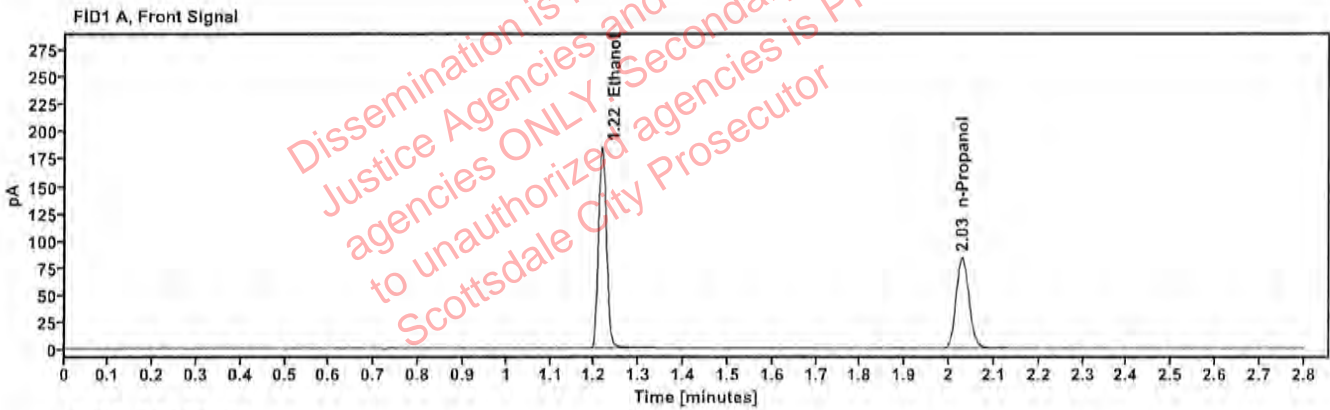


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.216	235.016
n-Propanol	2.029	167.284

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.364	259.134
n-Propanol	2.452	182.078

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	050624WB	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	20Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/20/2024 1:38:49 PM
Data file:	C:\Chem32\1\Data\20Nov24\5.D	Analyst:	Canonico <i>EL</i>

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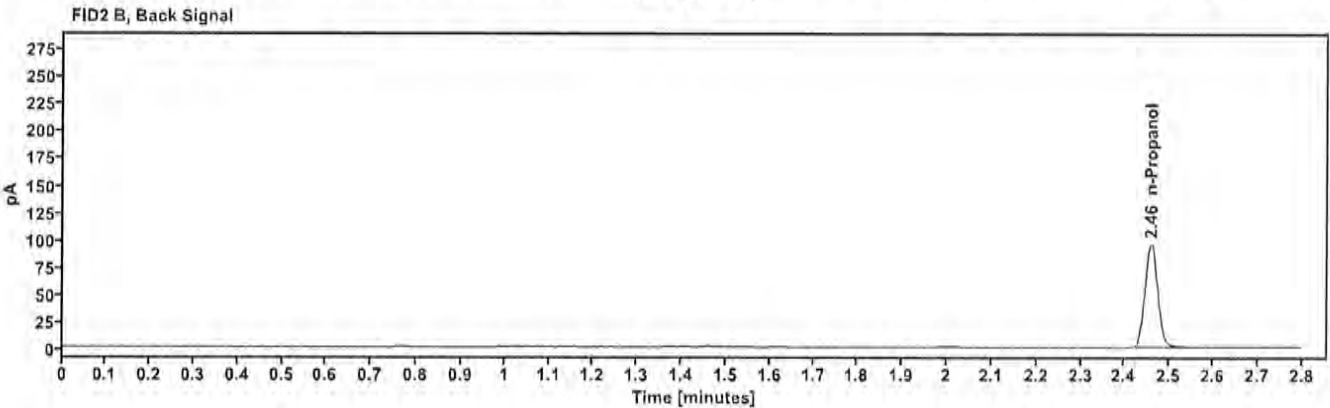
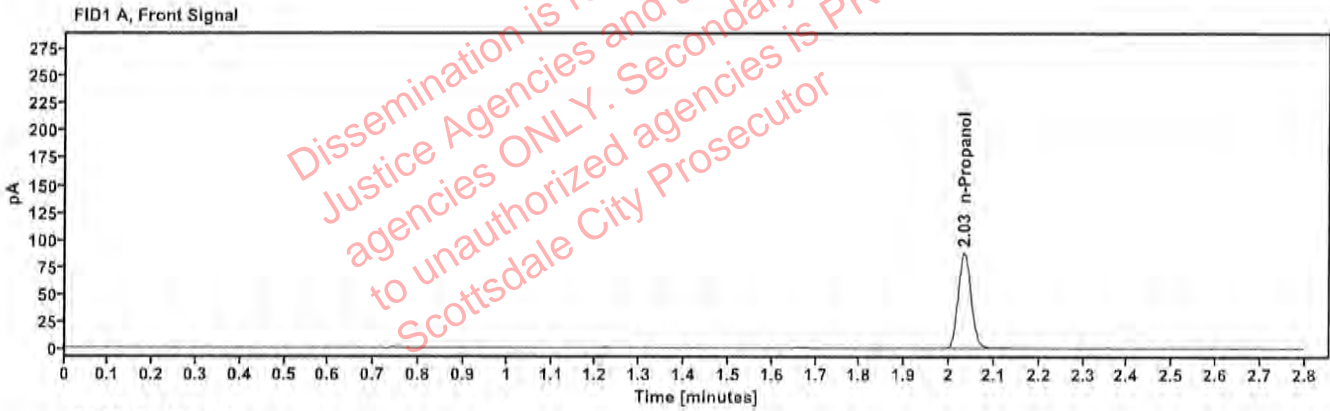


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	---	2.033	175.545

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
n-Propanol	2.458	190.868

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 050721MIX	Vial: 6
Description: Volatiles mix	LIMS ID:
Method: ethanol quant.M	Sequence: 20Nov24
Instrument: US14173023 CN14160045	Injection date: 11/20/2024 1:42:50 PM
Data file: C:\Chem32\1\Data\20Nov24\6.D	Analyst: Canonico 82

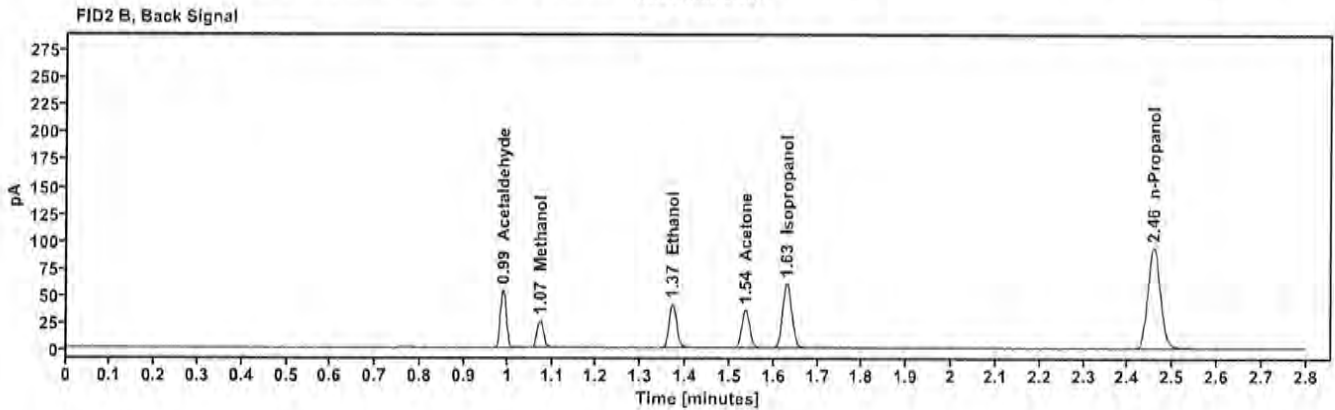
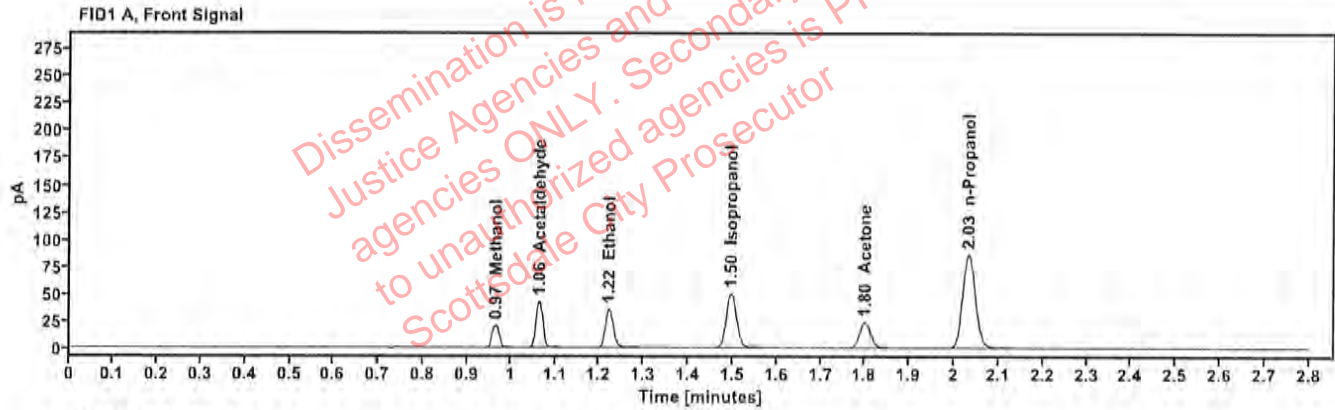


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.965	23.497
Acetaldehyde	-----	1.064	46.201
>Ethanol	0.0749	1.221	44.716
Isopropanol	-----	1.496	79.861
Acetone	-----	1.799	40.851
n-Propanol	-----	2.033	171.477

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.989	51.858
Methanol	1.073	26.179
Ethanol	1.370	49.093
Acetone	1.535	45.151
Isopropanol	1.630	88.187
n-Propanol	2.457	186.122

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	12052023-B	Vial:	7
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	20Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/20/2024 1:47:05 PM
Data file:	C:\Chem32\1\Data\20Nov24\7.D	Analyst:	Canonico <i>FC</i>

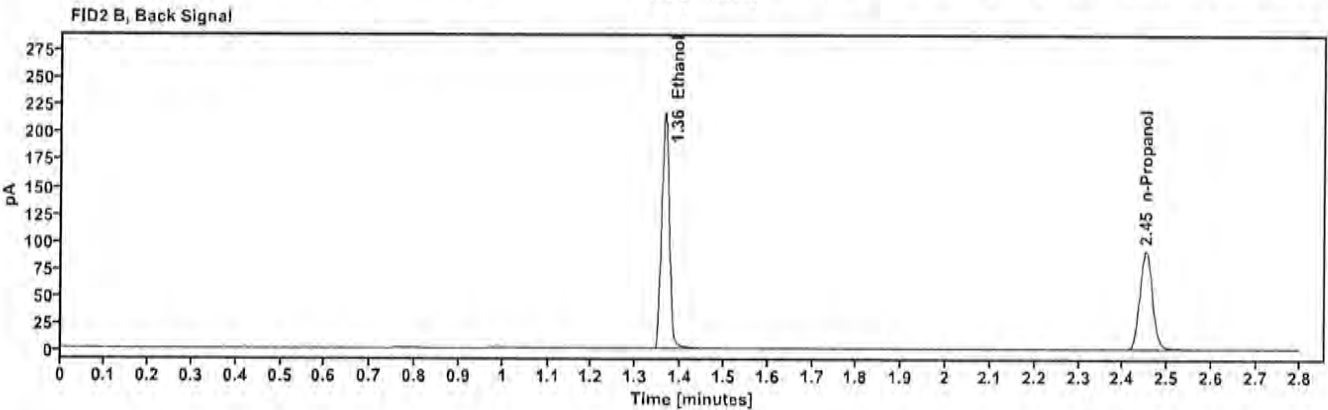
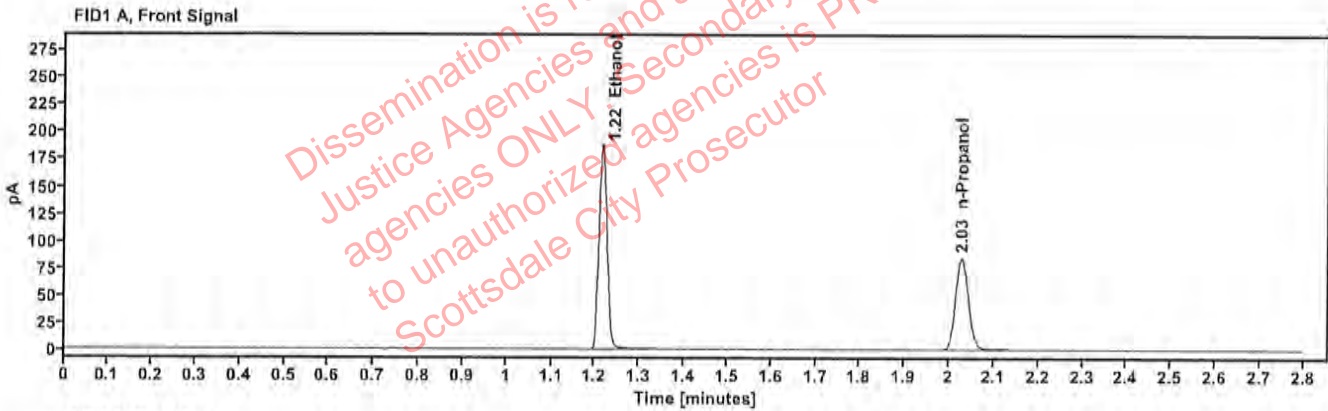


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4031	1.216	238.699
n-Propanol	---	2.028	168.543

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.364	262.704
n-Propanol	2.451	182.981

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	518018	Vial:	8
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	20Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/20/2024 1:51:04 PM
Data file:	C:\Chem32\1\Data\20Nov24\8.D	Analyst:	Canonico <i>ec</i>

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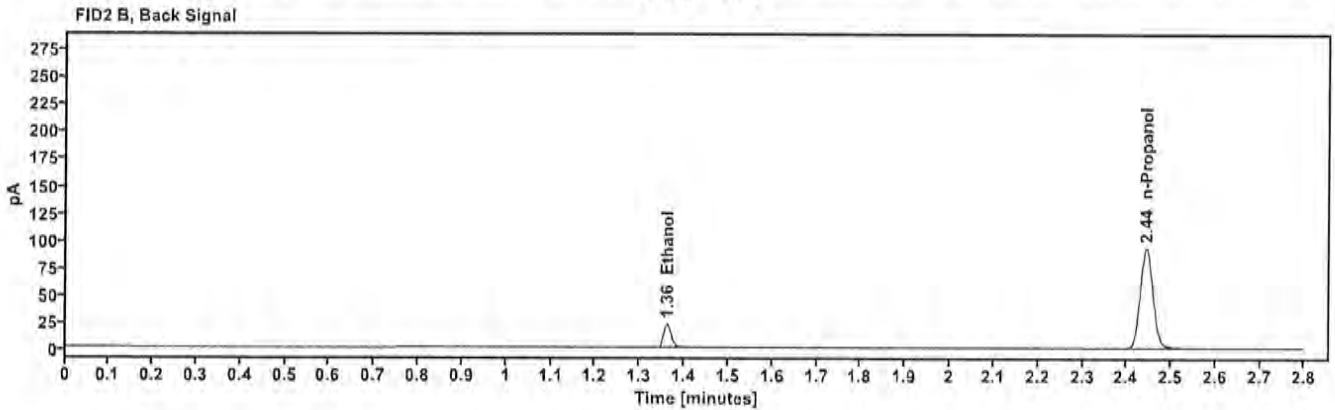
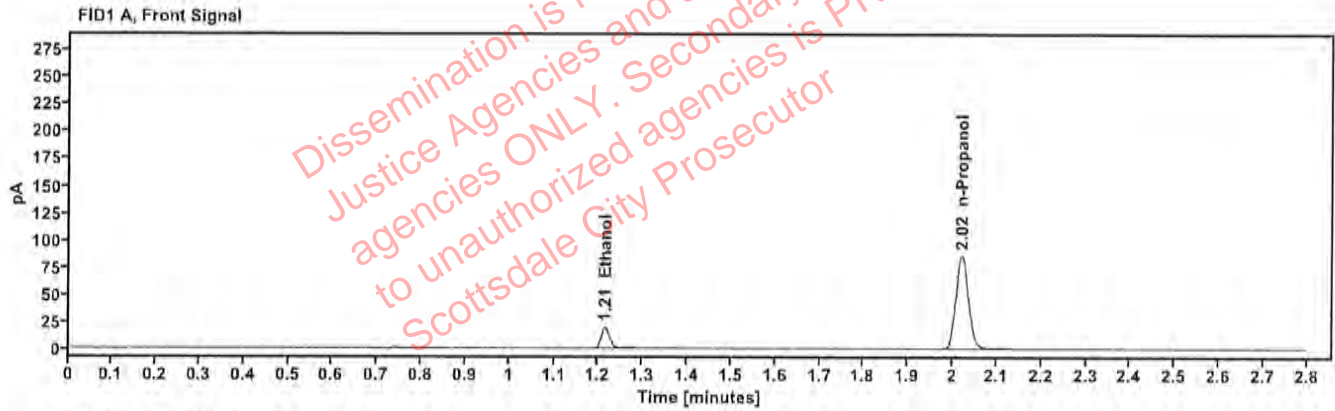


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0411	1.214	24.225
n-Propanol	---	2.020	170.865

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.361	26.415
n-Propanol	2.443	185.376

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4110320133/11	Vial:	9
Description:	0.199	LIMS ID:	
Method:	ethanol quant.M	Sequence:	20Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/20/2024 1:55:04 PM
Data file:	C:\Chem32\1\Data\20Nov24\9.D	Analyst:	Canonico <i>EC</i>

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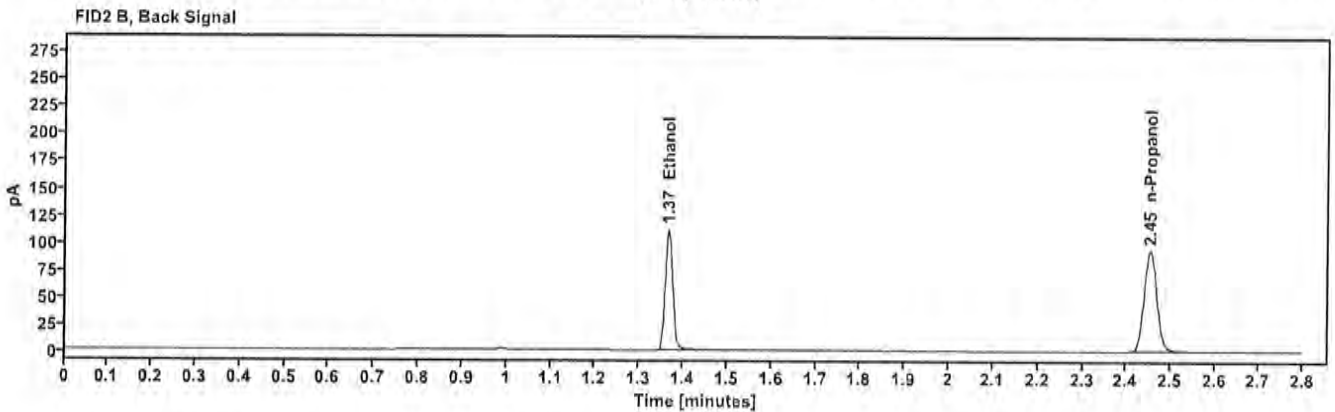
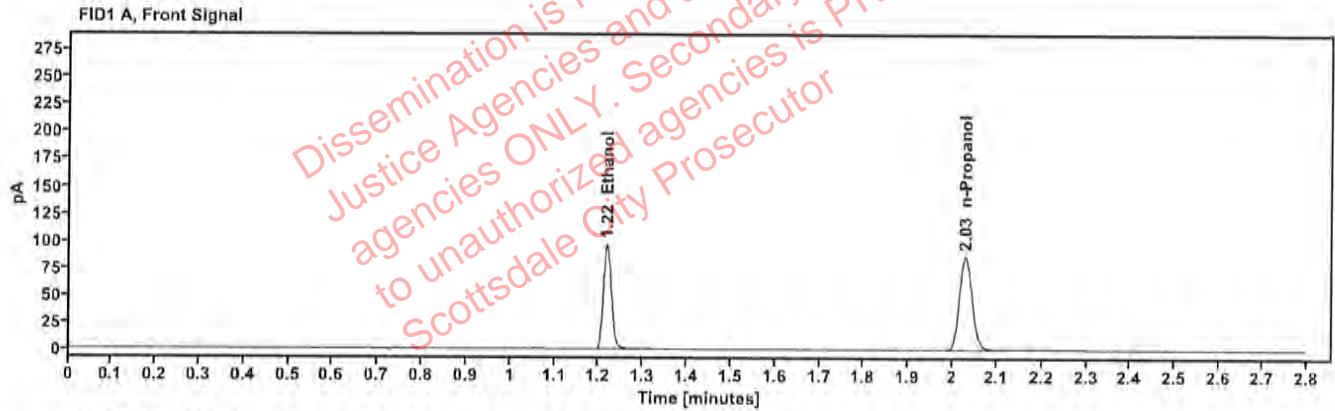


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2026	1.217	122.045
n-Propanol	-----	2.029	171.836

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.366	133.951
n-Propanol	2.453	186.888

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	517758	Vial:	20
Description:	0.100	LIMS ID:	
Method:	ethanol quant.M	Sequence:	20Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/20/2024 2:39:34 PM
Data file:	C:\Chem32\1\Data\20Nov24\20.D	Analyst:	Canonico <i>EC</i>

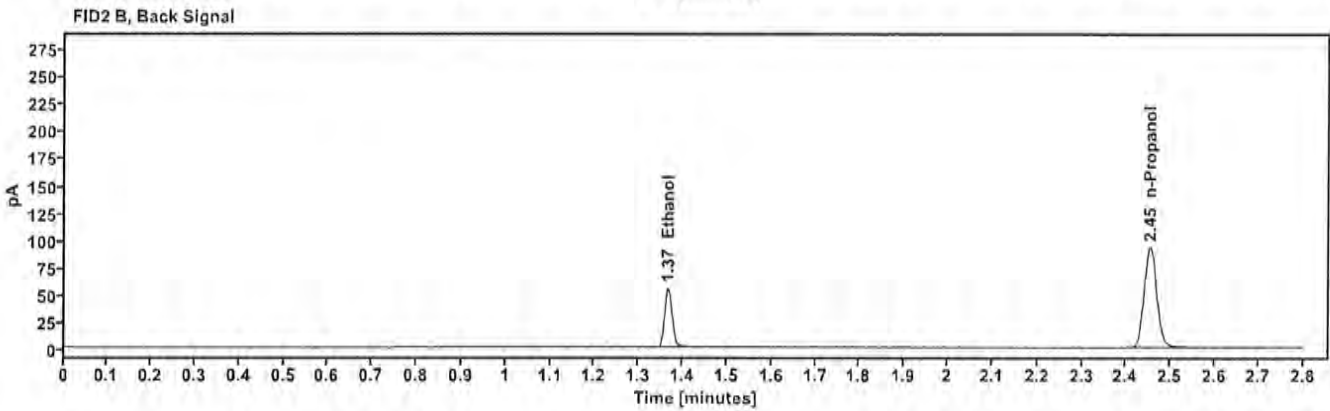
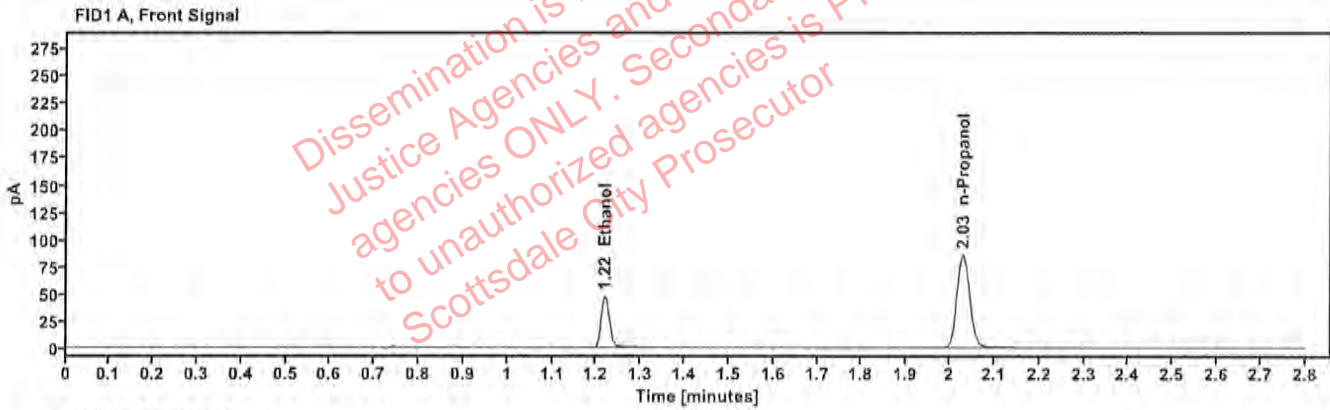


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1007	1.218	60.430
n-Propanol	—	2.030	171.810

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.366	66.308
n-Propanol	2.454	186.338

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 517758	Vial: 31
Description: 0.100	LIMS ID:
Method: ethanol quant.M	Sequence: 20Nov24
Instrument: US14173023 CN14160045	Injection date: 11/20/2024 3:24:04 PM
Data file: C:\Chem32\1\Data\20Nov24\31.D	Analyst: Canonico <i>EC</i>

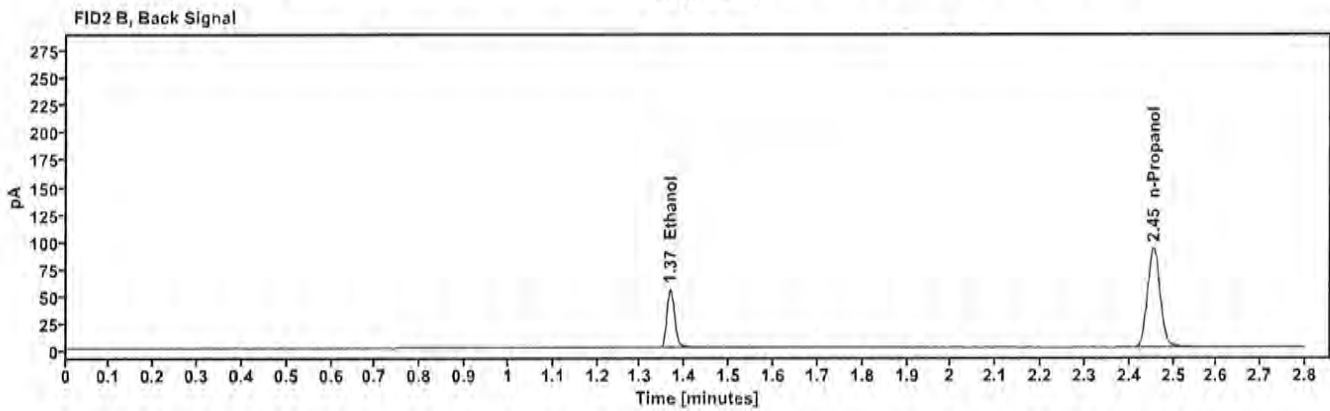
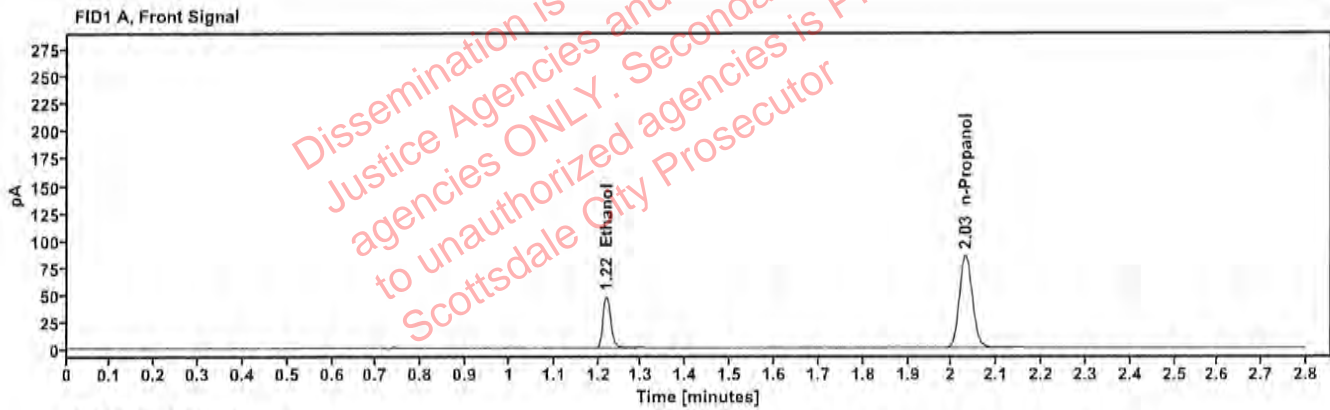


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1013	1.219	60.120
n-Propanol	---	2.030	169.975

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.367	65.751
n-Propanol	2.454	184.497

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	12052023-B	Vial:	42
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	20Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/20/2024 4:08:20 PM
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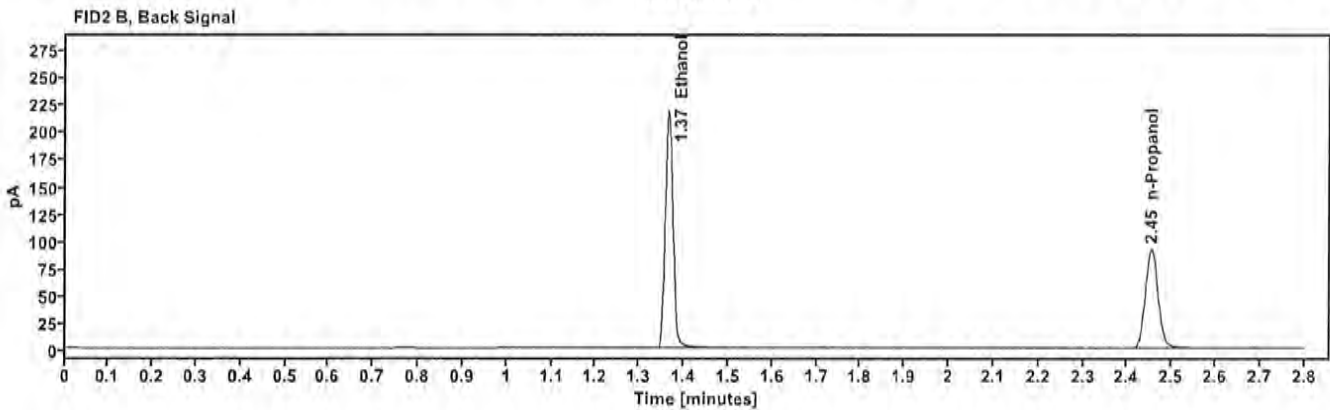
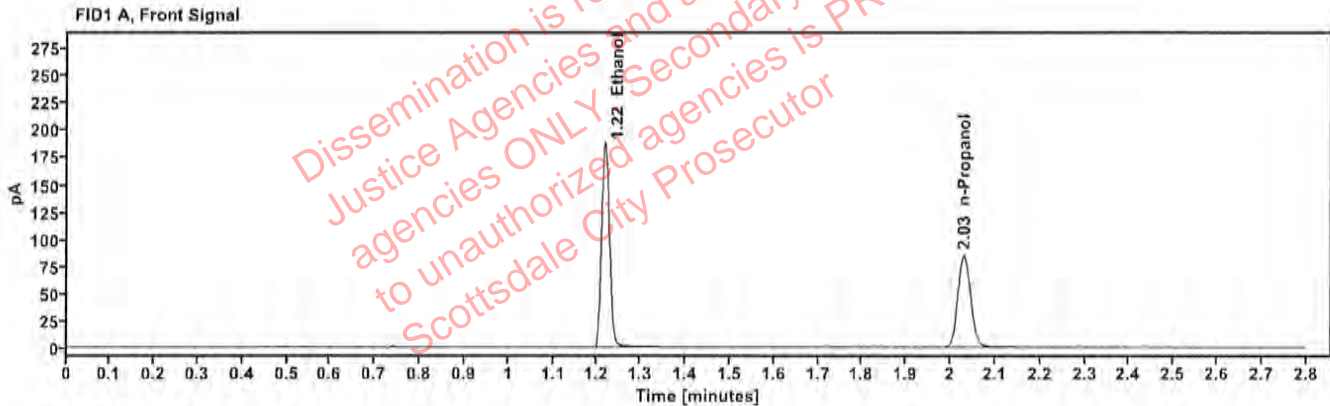


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4029	1.217	239.507
n-Propanol	-----	2.030	169.160

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.365	263.587
n-Propanol	2.454	183.327

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	518018	Vial:	43
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	20Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/20/2024 4:12:35 PM
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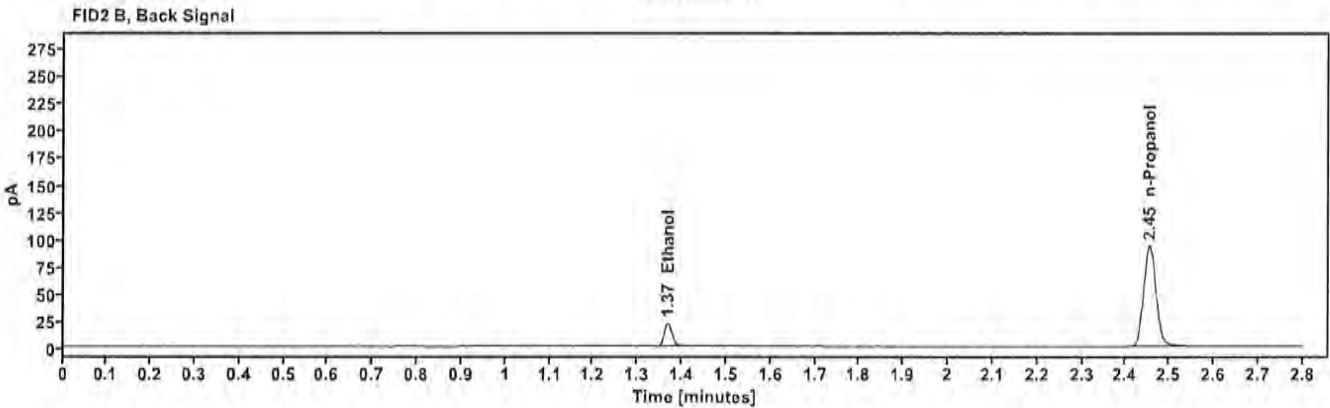
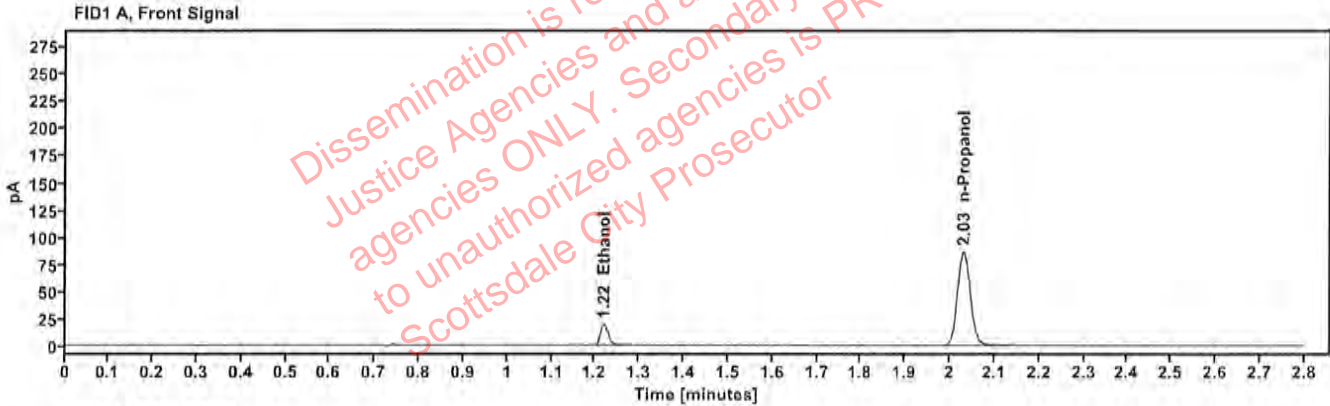


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0410	1.220	24.338
n-Propanol	—	2.030	172.252

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.367	26.572
n-Propanol	2.454	186.903

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4110320133/11	Vial: 44
Description: 0.199	LIMS ID:
Method: ethanol quant.M	Sequence: 20Nov24
Instrument: US14173023 CN14160045	Injection date: 11/20/2024 4:16:34 PM
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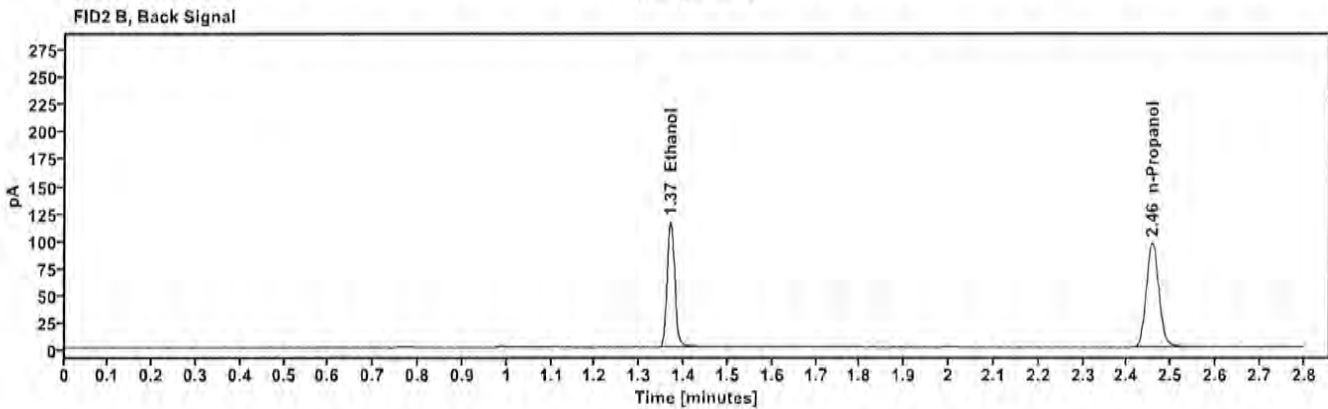
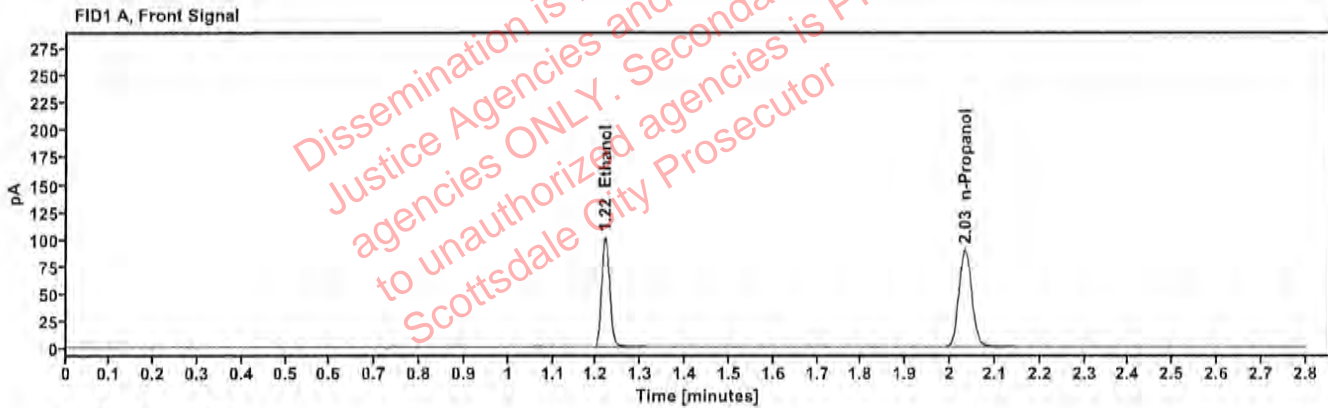


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2047	1.220	128.222
n-Propanol	-----	2.033	178.615

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.369	140.978
n-Propanol	2.458	193.688

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 090524AQ	Vial: 45
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 20Nov24
Instrument: US14173023 CN14160045	Injection date: 11/20/2024 4:20:34 PM
Data file: C:\Chem32\1\Data\20Nov24\45.D	Analyst: Canonico <i>EC</i>

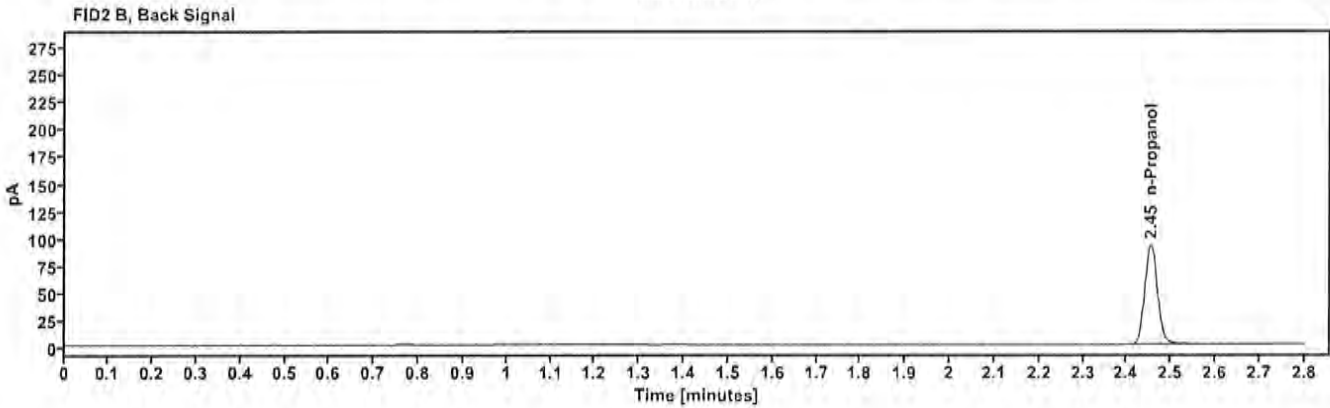
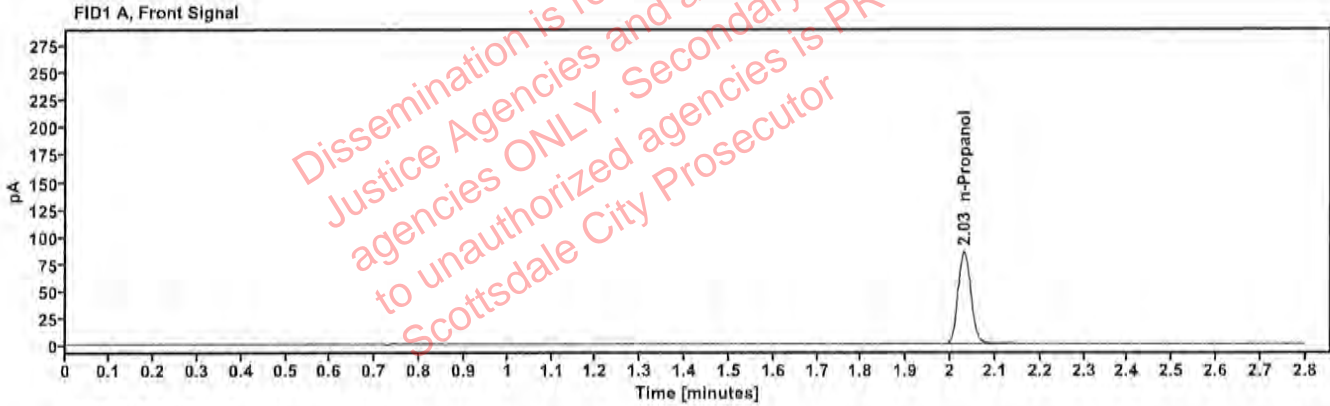


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	—	2.030	169.670

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
n-Propanol	2.454	184.060

Sequence Summary

Sequence name: 20Nov24 Instrument: US14173023 CN14160045 Analyst: Canonico *ec*

Vial	Sample	Description	Type	LIMS ID	Method
1	FN03122113	0.020 calibrator	Calibration		ethanol quant.M
2	FN03072301	0.100 calibrator	Calibration		ethanol quant.M
3	FN03132302	0.200 calibrator	Calibration		ethanol quant.M
4	FN03052102	0.400 calibrator	Calibration		ethanol quant.M
5	050624WB	Negative	Control		ethanol quant.M
6	050721MIX	Volatiles mix	Control		ethanol quant.M
7	12052023-B	0.400	Control		ethanol quant.M
8	518018	0.040	Control		ethanol quant.M
9	4110320133/11	0.199	Control		ethanol quant.M
10	2422966-1		Sample		ethanol quant.M
11	2422966-1		Sample		ethanol quant.M
12	2423322-2		Sample		ethanol quant.M
13	2423322-2		Sample		ethanol quant.M
14	409-01S.W.		Sample		ethanol quant.M
15	409-01S.W.		Sample		ethanol quant.M
16	404-01A.B.		Sample		ethanol quant.M
17	404-01A.B.		Sample		ethanol quant.M
18	437-01P.S.		Sample		ethanol quant.M
19	437-01P.S.		Sample		ethanol quant.M
20	517758	0.100	Control		ethanol quant.M
21	436-01G.C.		Sample		ethanol quant.M
22	436-01G.C.		Sample		ethanol quant.M
23	2422579-1		Sample		ethanol quant.M
24	2422579-1		Sample		ethanol quant.M
25	2423455-1		Sample		ethanol quant.M
26	2423455-1		Sample		ethanol quant.M
27	2422190-2		Sample		ethanol quant.M
28	2422190-2		Sample		ethanol quant.M
29	2423532-1		Sample		ethanol quant.M
30	2423532-1		Sample		ethanol quant.M
31	517758	0.100	Control		ethanol quant.M
32	2422492-7		Sample		ethanol quant.M
33	2422492-7		Sample		ethanol quant.M
34	2423531-1		Sample		ethanol quant.M
35	2423531-1		Sample		ethanol quant.M
36	2423462-1		Sample		ethanol quant.M
37	2423462-1		Sample		ethanol quant.M
38	2423530-1		Sample		ethanol quant.M
39	2423530-1		Sample		ethanol quant.M
40	2423601-5		Sample		ethanol quant.M
41	2423601-5		Sample		ethanol quant.M
42	12052023-B	0.400	Control		ethanol quant.M
43	518018	0.040	Control		ethanol quant.M
44	4110320133/11	0.199	Control		ethanol quant.M
45	090524AQ	Negative	Control		ethanol quant.M

Dissemination is restricted to Criminal Justice Agencies and authorized agencies ONLY. Secondary dissemination to unauthorized agencies is PROHIBITED. Scottsdale City Prosecutor

Scottsdale Police Department Crime Laboratory Summary of Cases

EQ

SEQUENCE NAME: 20Nov24

ANALYST: Canonico

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1480	0.1466	0.14730	0.48	0.00070
12 13	0.2212	0.2218	0.22150	0.14	0.00030
14 15	0.1743	0.1767	0.17550	0.68	0.00120
16 17	0.1173	0.1165	0.11690	0.34	0.00040
18 19	0.1264	0.1245	0.12545	0.76	0.00095
21 22	0.2103	0.2105	0.21040	0.05	0.00010
23 24	0.1262	0.1269	0.12655	0.28	0.00035
25 26	0.0842	0.0852	0.08470	0.59	0.00050
27 28	0.2046	0.2027	0.20365	0.47	0.00095
29 30	0.0000	0.0000	0.00000	0.00	0.00000
32 33	0.1096	0.1098	0.10970	0.09	0.00010
34 35	0.1065	0.1059	0.10620	0.28	0.00030
36 37	0.2355	0.2337	0.23460	0.38	0.00090
38 39	0.1235	0.1238	0.12365	0.12	0.00015
40 41	0.1420	0.1406	0.14130	0.50	0.00070

*Calculated differences are differences from the mean of the two results.

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2422966-1	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/20/2024 1:59:04 PM
Data file:	C:\Chem32\1\Data\20Nov24\10.D	Analyst:	Canonico

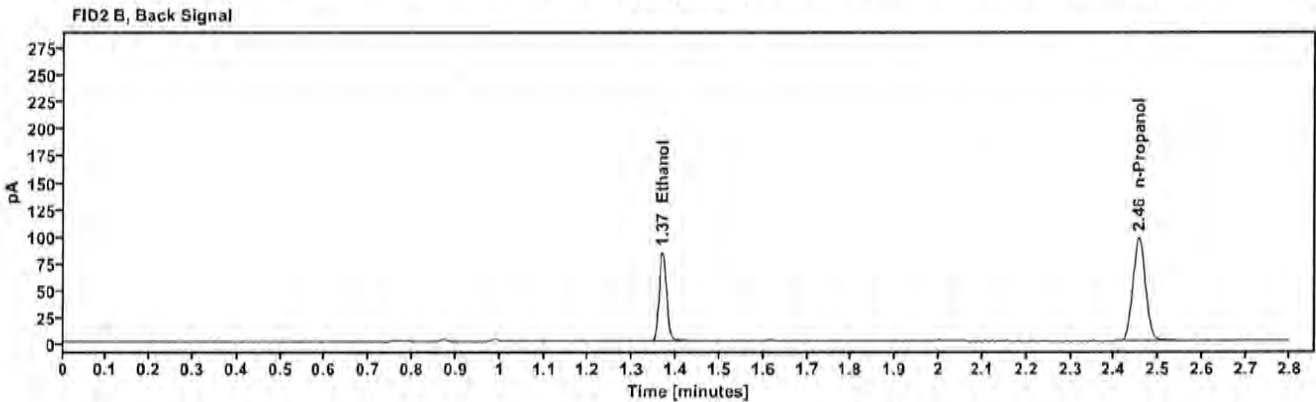
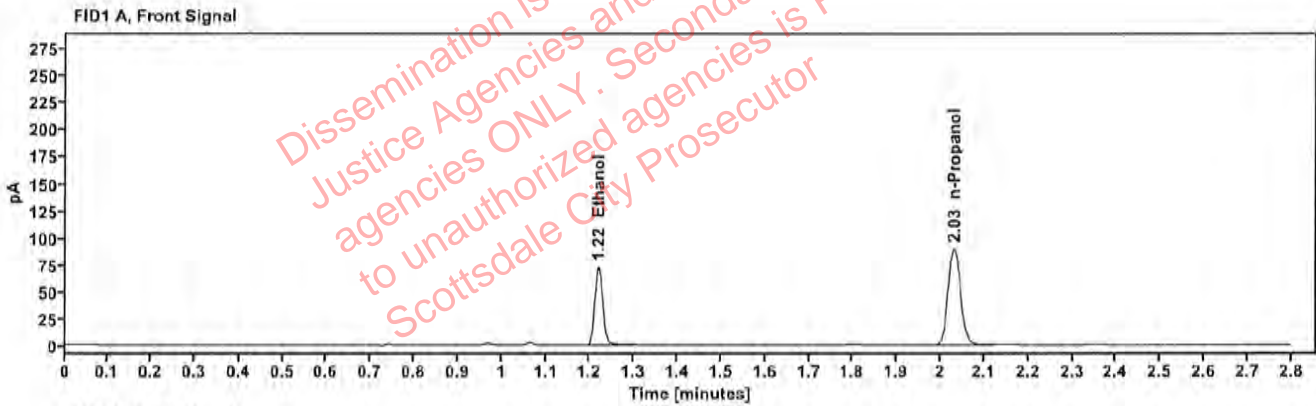


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1480	1.219	92.597
n-Propanol	---	2.031	178.718

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.368	101.415
n-Propanol	2.455	194.026

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2422966-1	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/20/2024 2:03:05 PM
Data file:	C:\Chem32\1\Data\20Nov24\11.D	Analyst:	Canonico

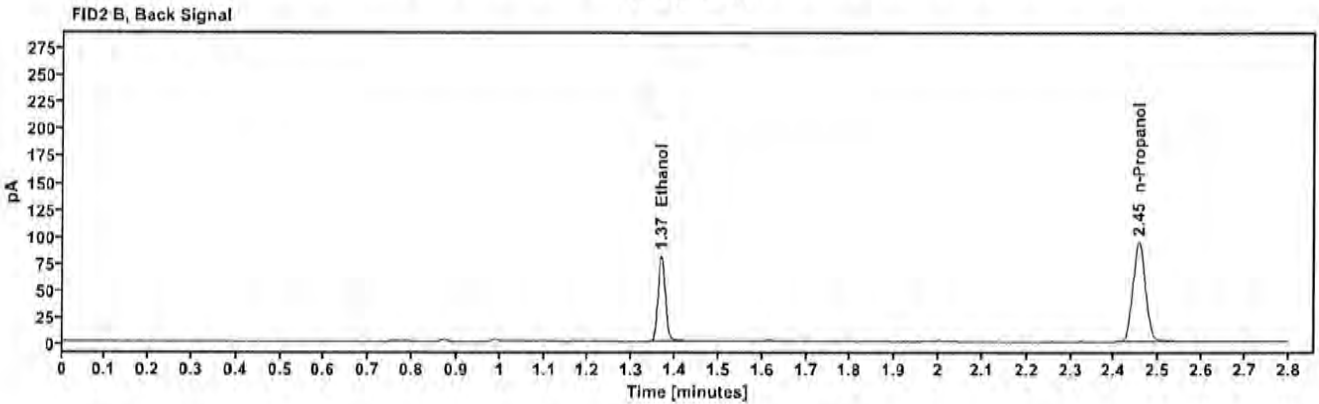
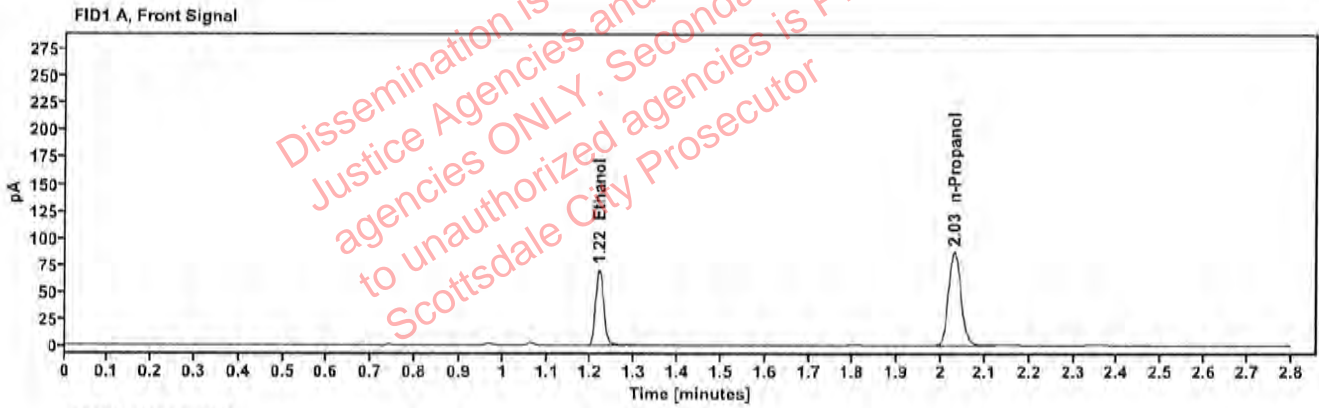


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1466	1.219	89.263
n-Propanol	---	2.031	173.874

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.367	97.838
n-Propanol	2.455	188.719

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2423322-2	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/20/2024 2:07:05 PM
Data file:	C:\Chem32\1\Data\20Nov24\12.D	Analyst:	Canonico

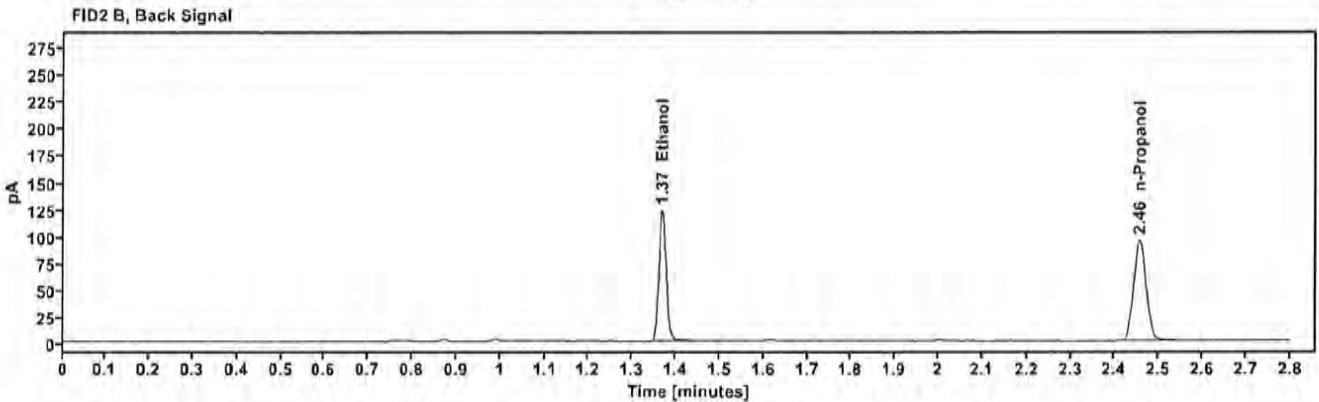
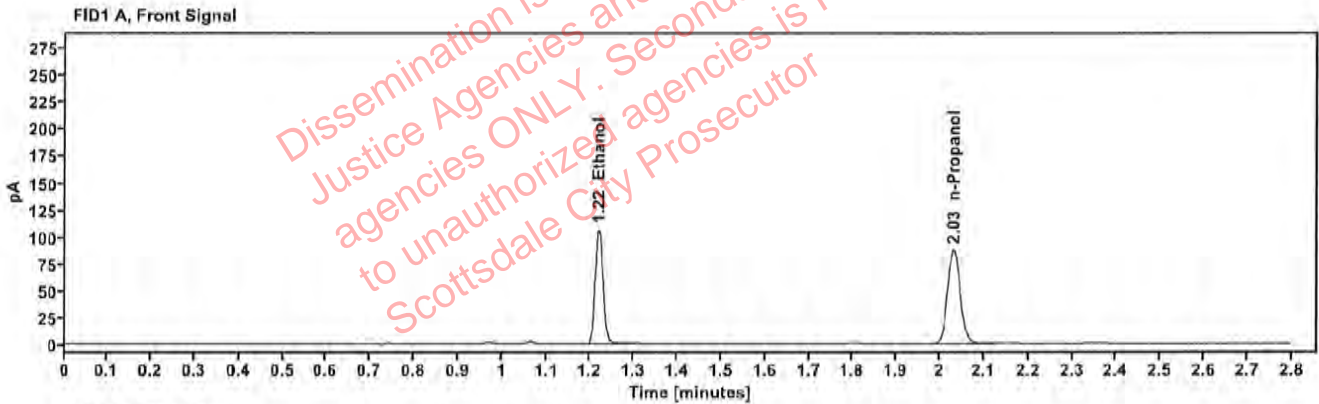


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2212	1.219	135.113
n-Propanol	---	2.031	174.166

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.368	148.371
n-Propanol	2.456	189.329

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2423322-2	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/20/2024 2:11:19 PM
Data file:	C:\Chem32\1\Data\20Nov24\13.D	Analyst:	Canonico

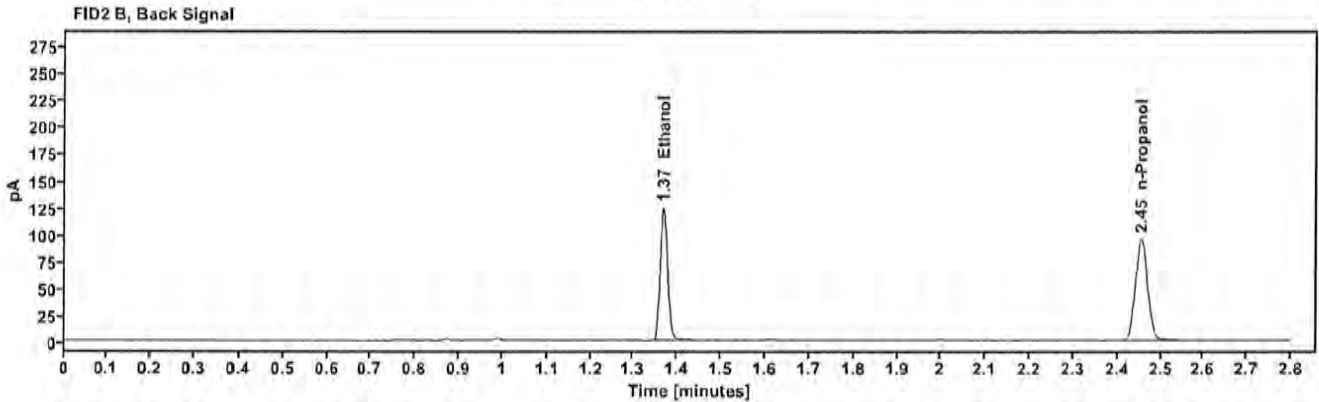
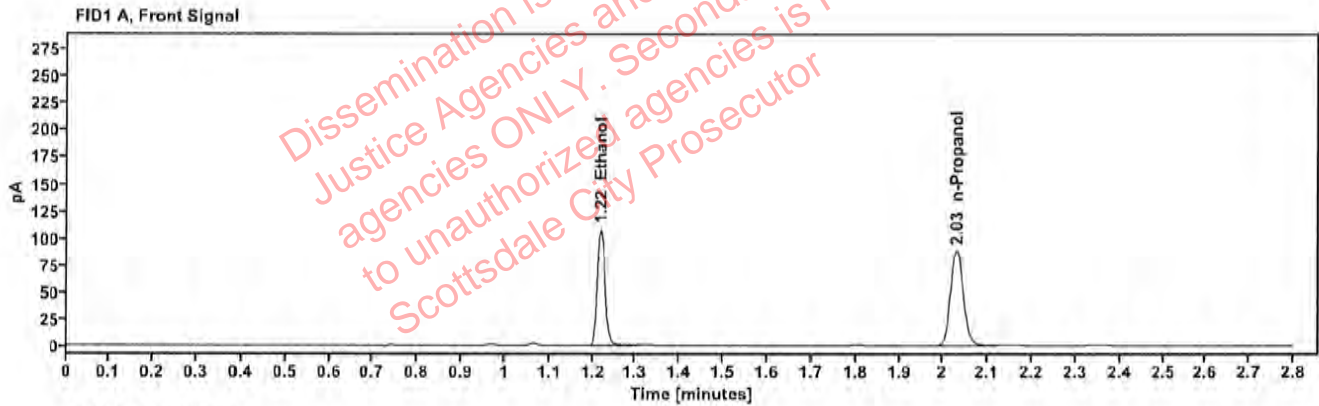


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2218	1.218	136.960
n-Propanol	---	2.030	176.023

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.368	150.469
n-Propanol	2.454	191.445

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	409-01S.W.	Vial:	14
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	20Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/20/2024 2:15:19 PM
Data file:	C:\Chem32\1\Data\20Nov24\14.D	Analyst:	Canonico

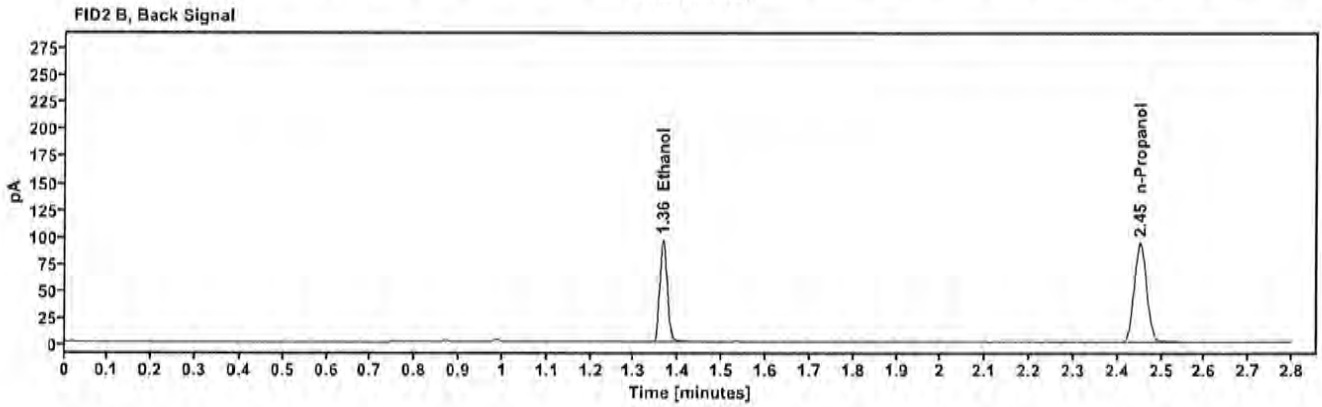
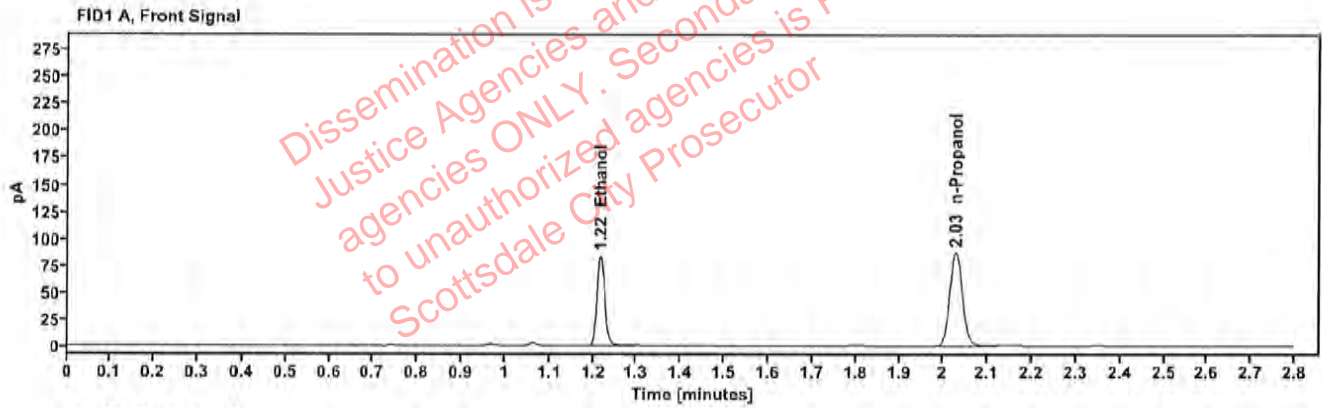


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1743	1.217	105.651
n-Propanol	---	2.028	172.989

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.365	115.682
n-Propanol	2.451	187.821

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	409-01S.W.	Vial:	15
Description:	[redacted]	LIMS ID:	[redacted]
Method:	ethanol quant.M	Sequence:	20Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/20/2024 2:19:19 PM
Data file:	C:\Chem32\1\Data\20Nov24\15.D	Analyst:	Canonico

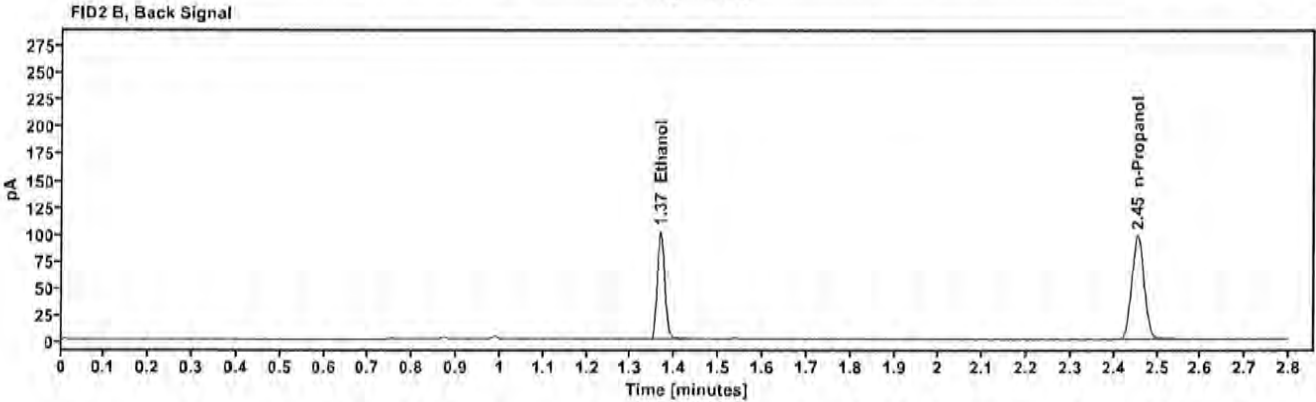
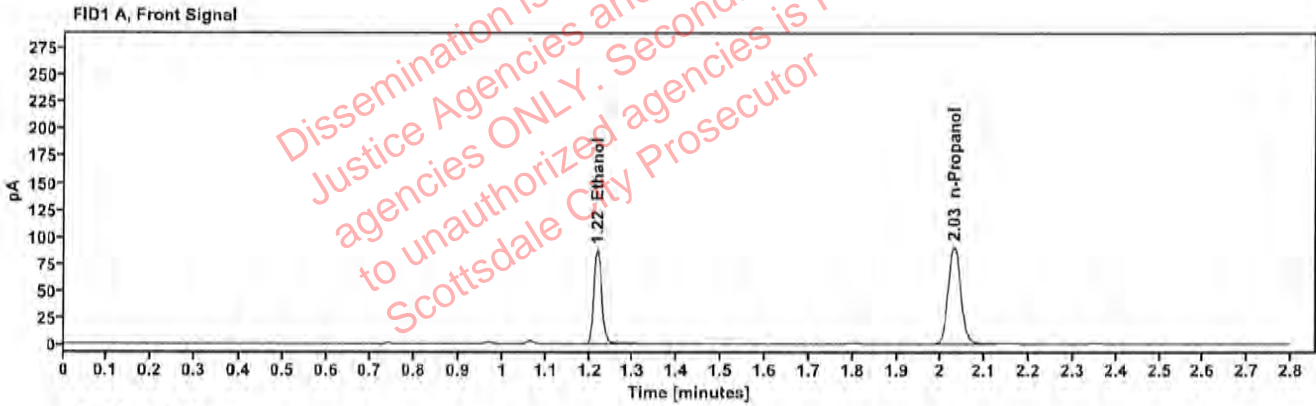


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1767	1.218	111.599
n-Propanol	---	2.030	180.228

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.367	122.334
n-Propanol	2.454	195.597

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	404-01A.B.	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/20/2024 2:23:19 PM
Data file:	C:\Chem32\1\Data\20Nov24\16.D	Analyst:	Canonico

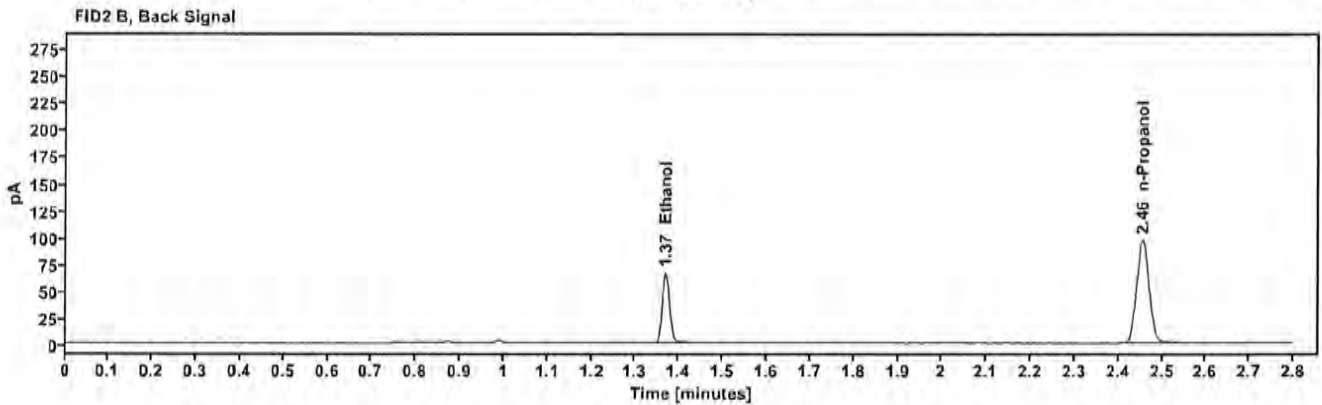
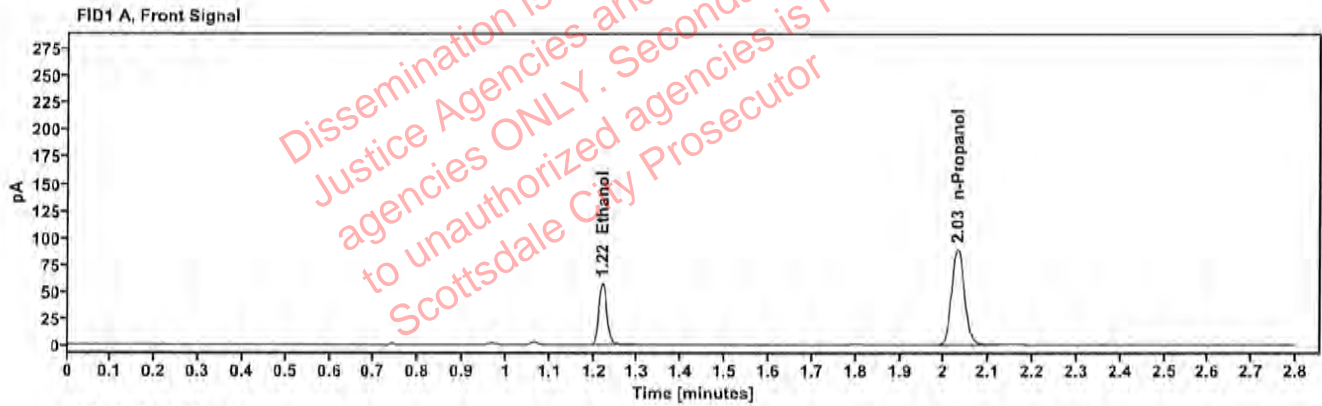


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1173	1.219	73.316
n-Propanol	—	2.031	178.753

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.369	80.105
n-Propanol	2.455	193.880

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	404-01A.B.	Vial:	17
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	20Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/20/2024 2:27:20 PM
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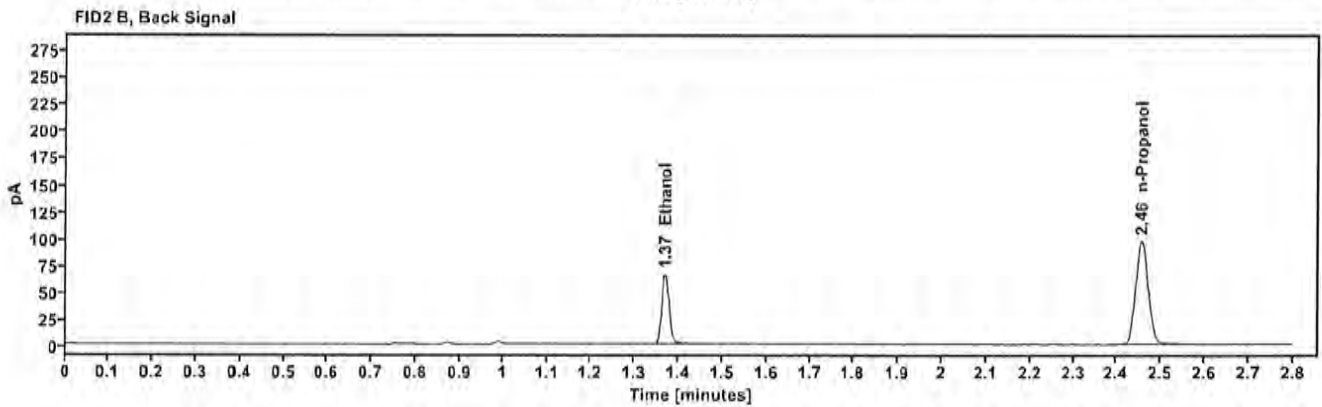
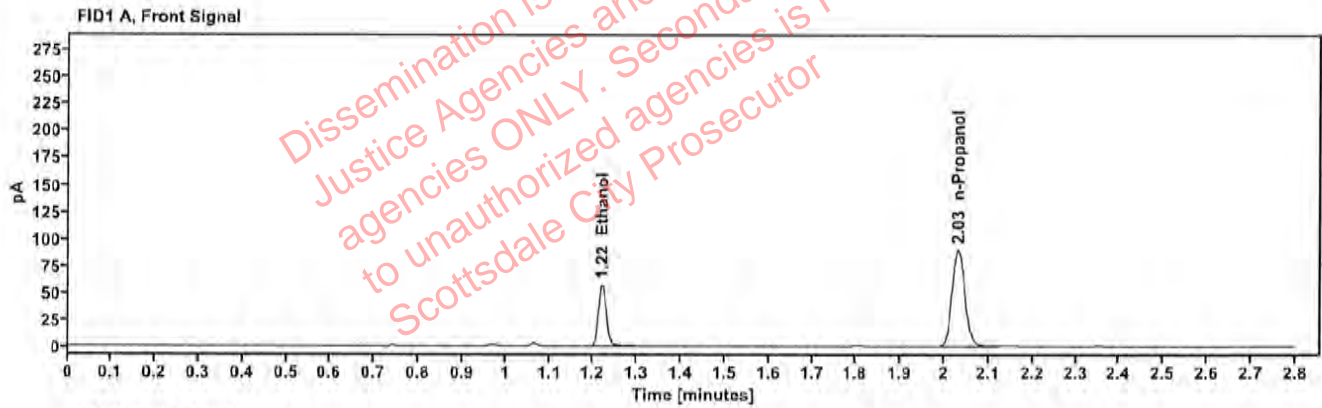


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1165	1.220	73.166
n-Propanol	---	2.031	179.606

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.369	79.755
n-Propanol	2.456	194.751

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	437-01P.S.	Vial:	18
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	20Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/20/2024 2:31:19 PM
Data file:	C:\Chem32\1\Data\20Nov24\18.D	Analyst:	Canonico

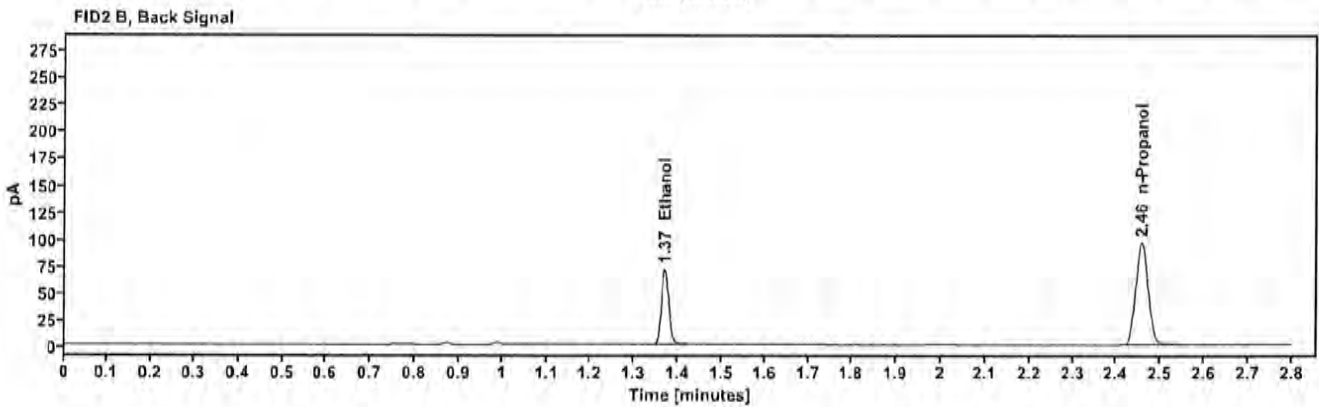
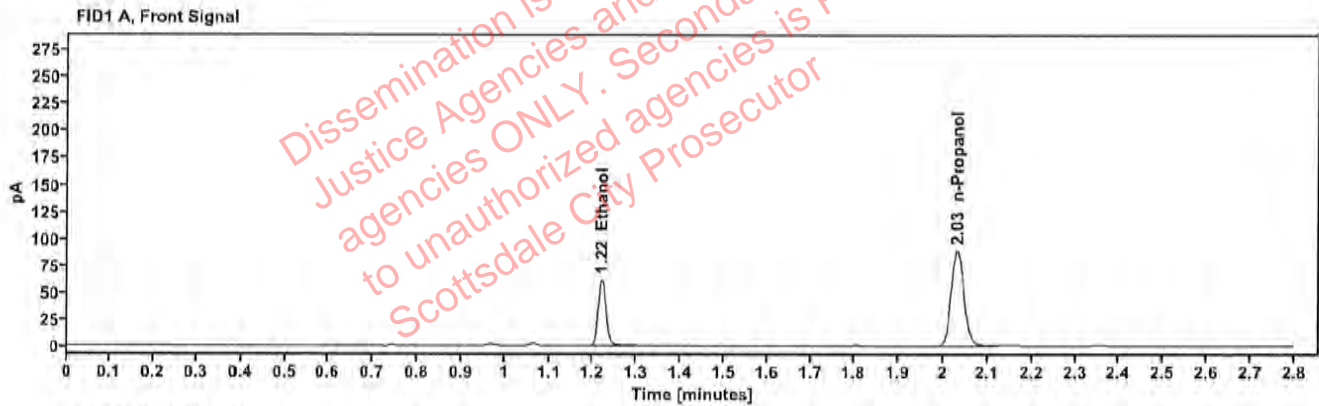


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1264	1.220	78.495
n-Propanol	---	2.031	177.486

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.369	85.729
n-Propanol	2.456	192.565

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	437-01P.S.	Vial:	19
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	20Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/20/2024 2:35:34 PM
Data file:	C:\Chem32\1\Data\20Nov24\19.D	Analyst:	Canonico

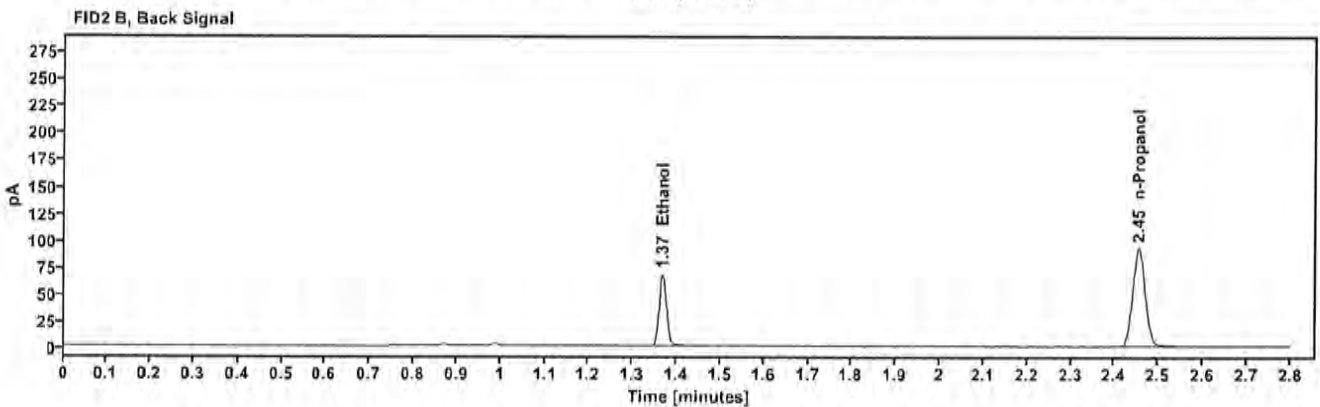
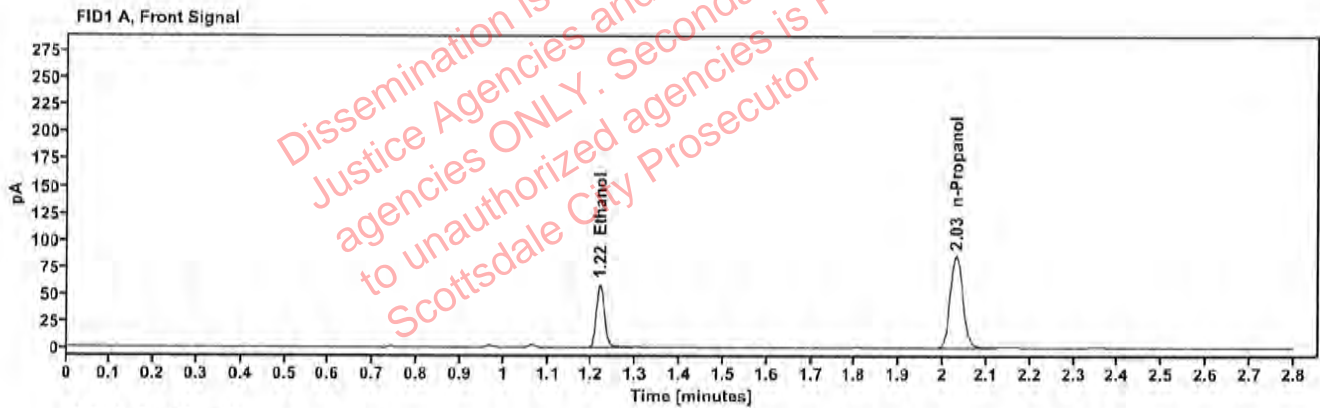


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1245	1.218	74.552
n-Propanol	-----	2.030	171.289

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.367	81.488
n-Propanol	2.454	185.896

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	436-01G.C	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/20/2024 2:43:35 PM
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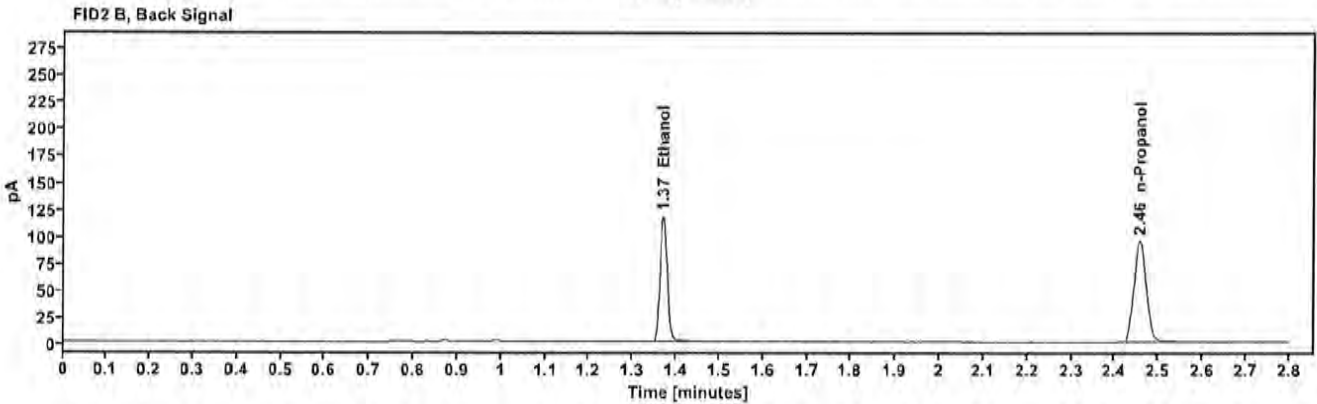
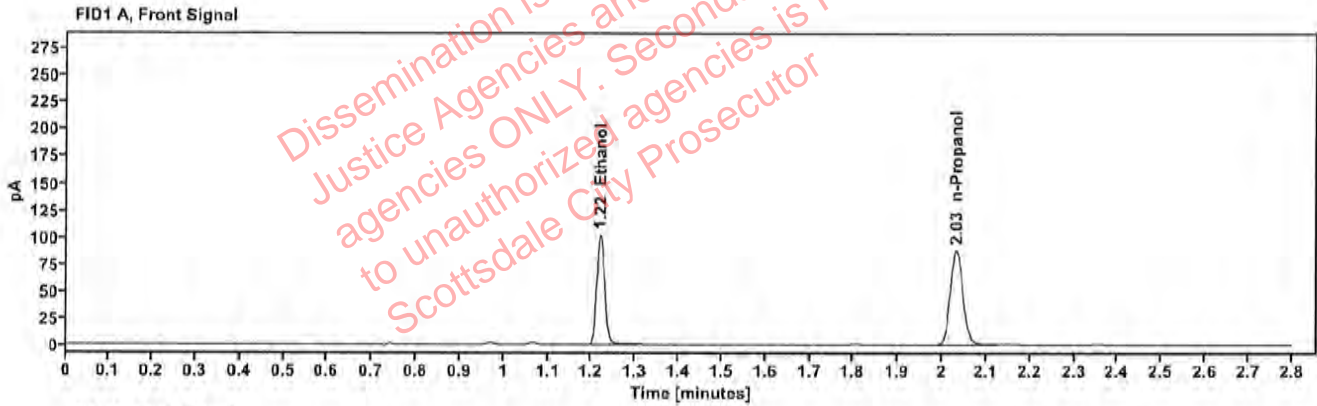


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2103	1.219	129.314
n-Propanol	---	2.032	175.296

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.369	142.023
n-Propanol	2.457	190.137

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	436-01G.C.	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/20/2024 2:47:34 PM
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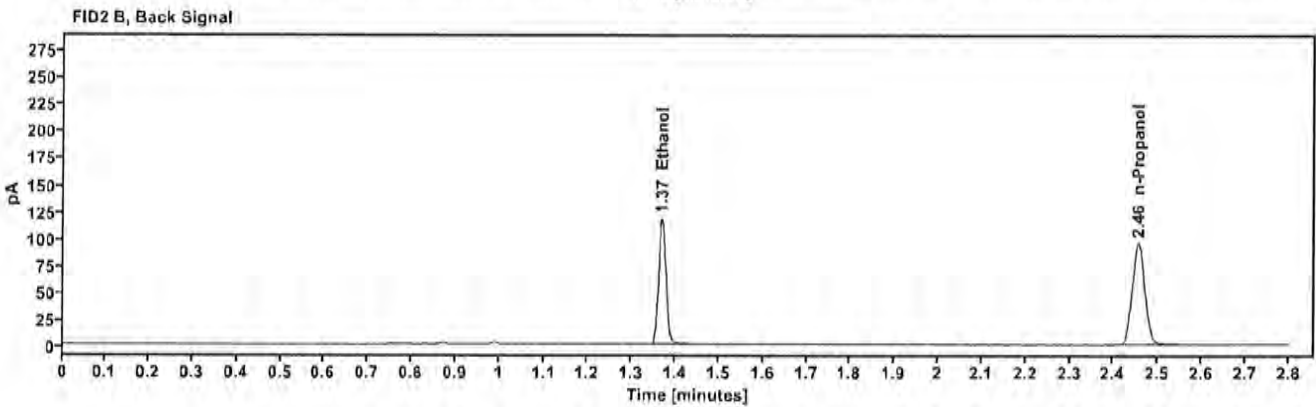
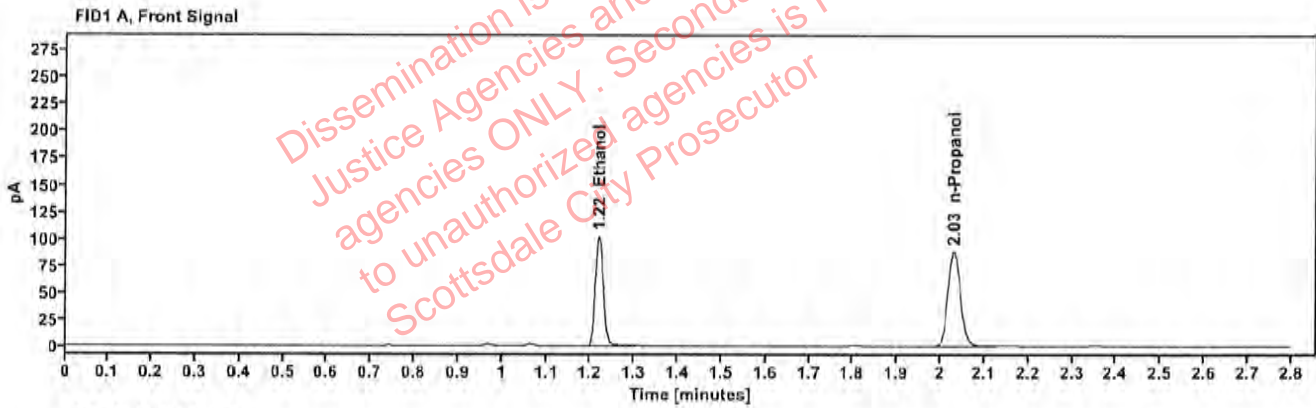


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2105	1.219	130.035
n-Propanol	---	2.031	176.152

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.368	142.547
n-Propanol	2.455	190.971

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2422579-1	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/20/2024 2:51:34 PM
Data file:	C:\Chem32\1\Data\20Nov24\23.D	Analyst:	Canonico

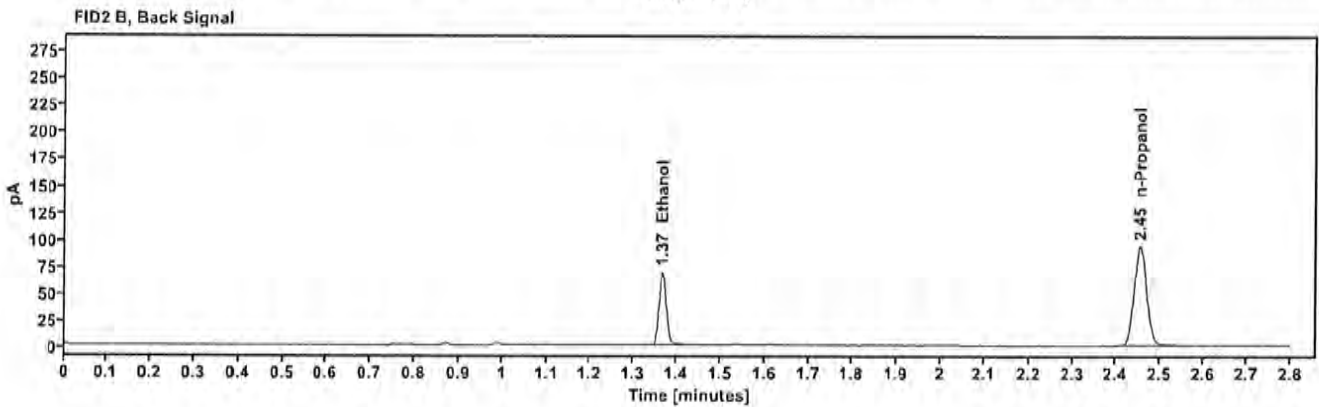
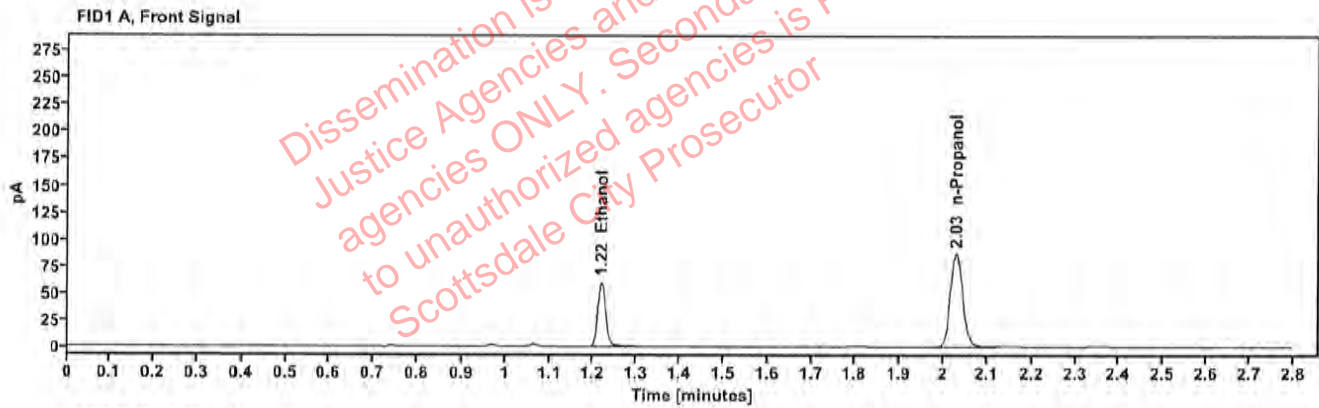


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1262	1.218	76.346
n-Propanol	-----	2.028	172.919

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.366	83.442
n-Propanol	2.453	187.861

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2422579-1	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/20/2024 2:55:35 PM
Data file:	C:\Chem32\1\Data\20Nov24\24.D	Analyst:	Canonico

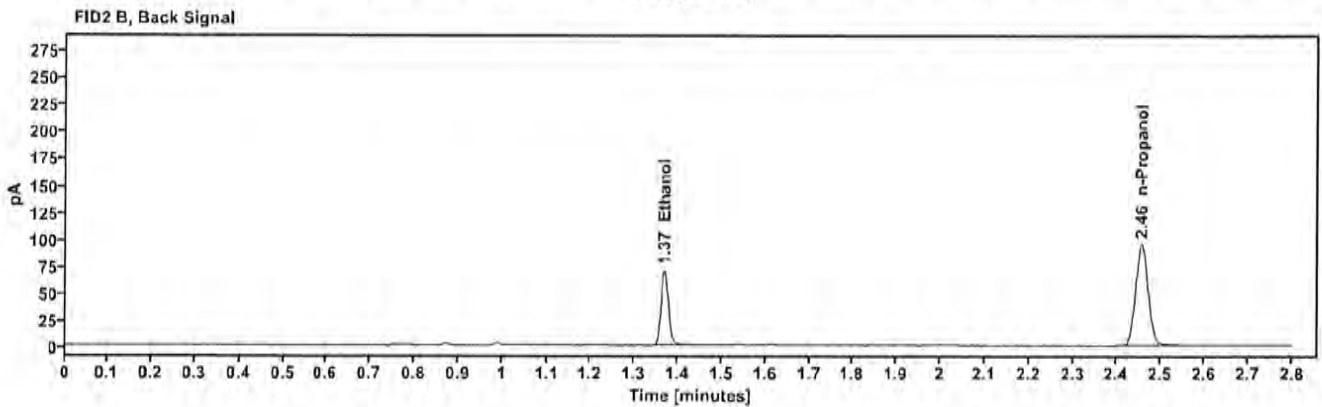
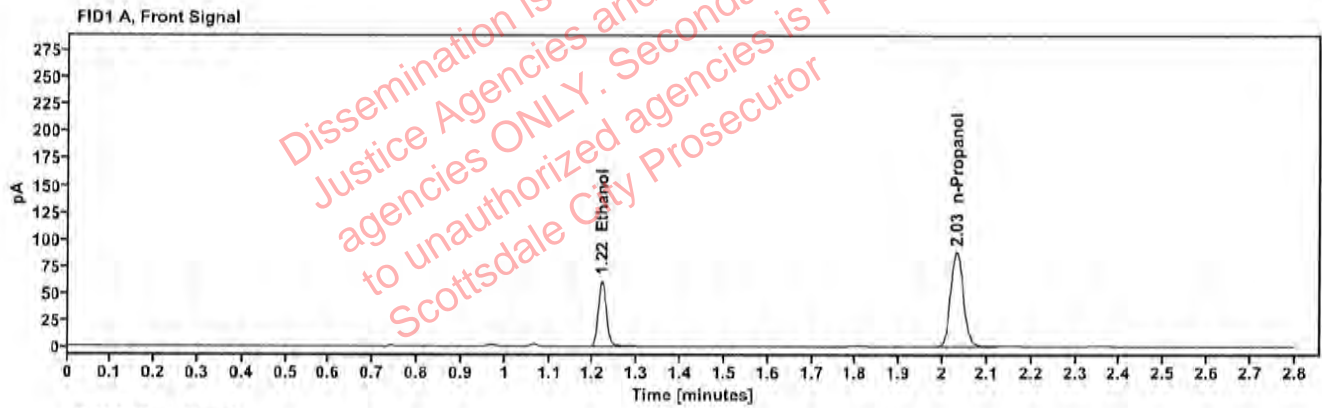


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1269	1.219	77.981
n-Propanol	---	2.031	175.666

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.368	85.479
n-Propanol	2.456	190.792

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2423455-1	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/20/2024 2:59:49 PM
Data file:	C:\Chem32\1\Data\20Nov24\25.D	Analyst:	Canonico

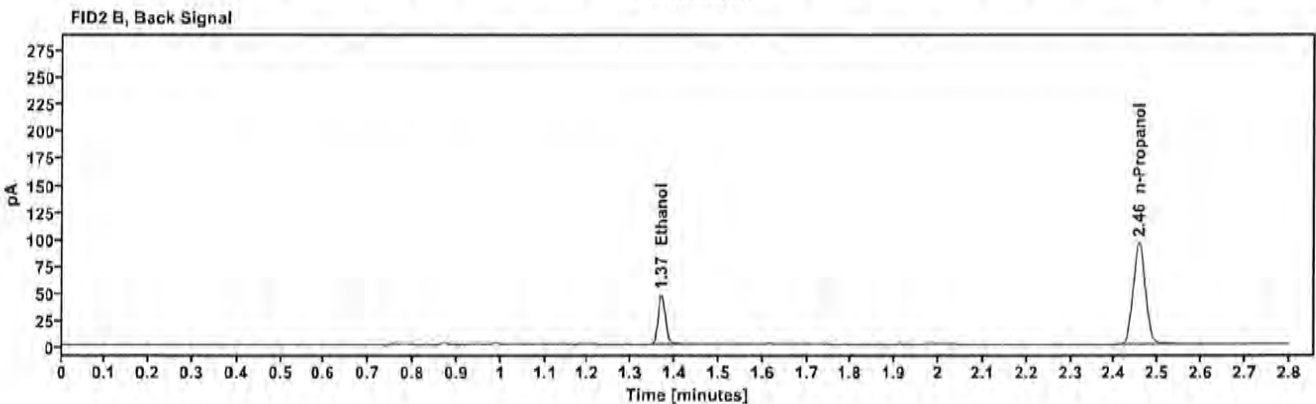
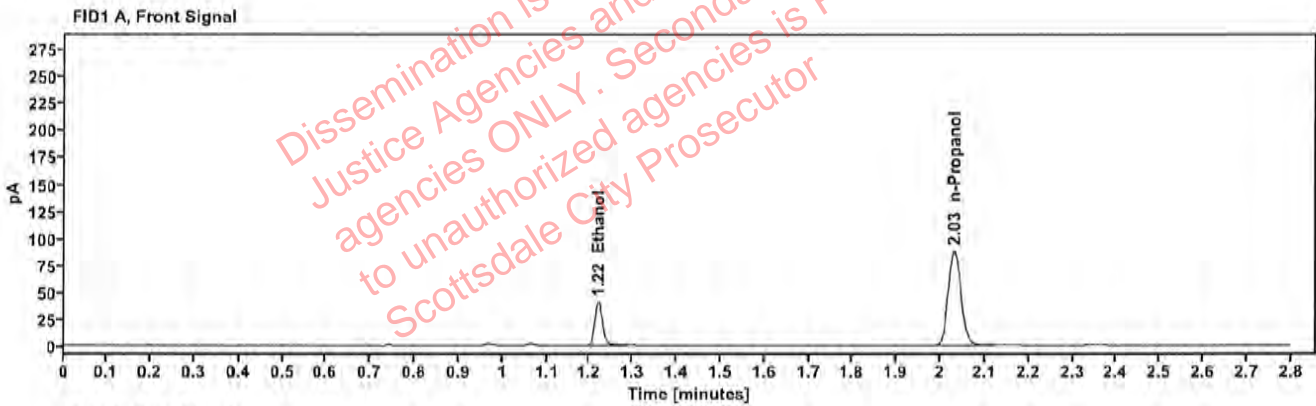


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0842	1.220	51.422
n-Propanol	---	2.031	175.199

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.369	56.416
n-Propanol	2.456	190.554

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2423455-1	Vial:	26
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	20Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/20/2024 3:03:49 PM
Data file:	C:\Chem32\1\Data\20Nov24\26.D	Analyst:	Canonico

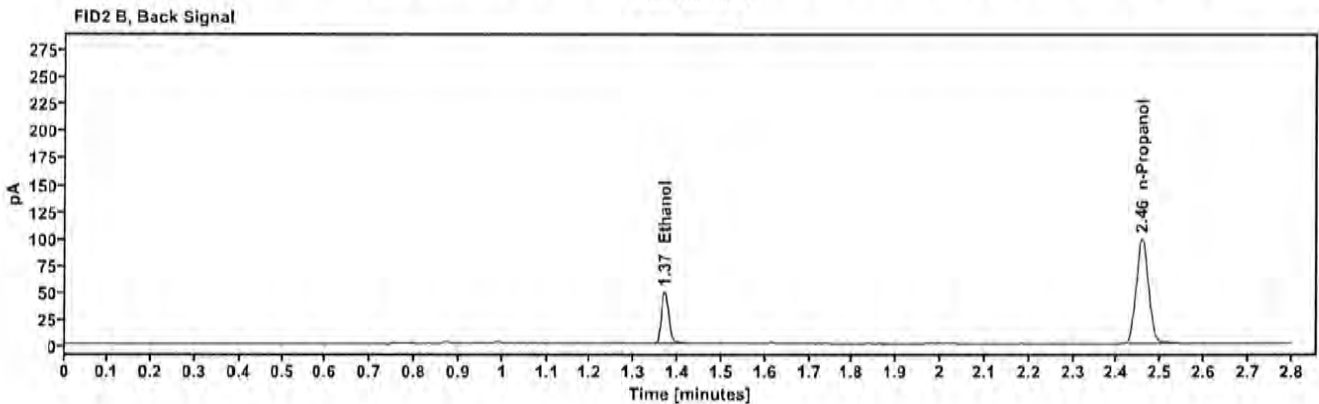
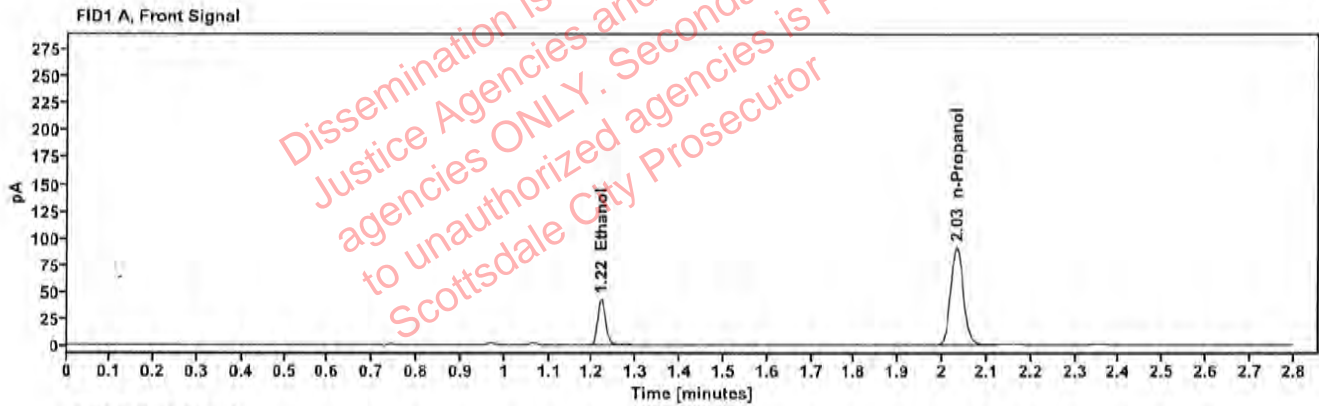


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0852	1.220	53.978
n-Propanol	-----	2.032	181.790

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.370	58.953
n-Propanol	2.457	197.586

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2422190-2	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/20/2024 3:07:49 PM
Data file:	C:\Chem32\1\Data\20Nov24\27.D	Analyst:	Canonico

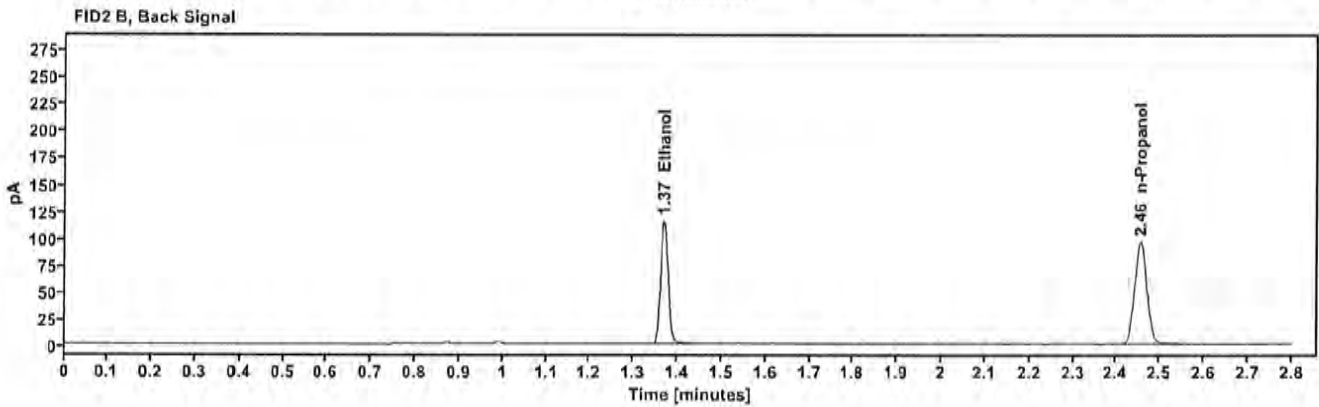
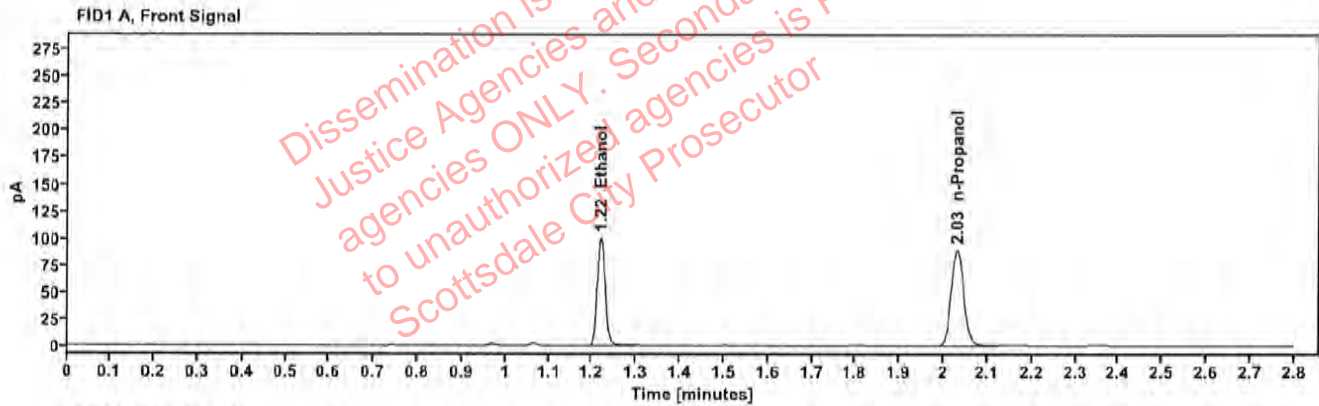


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2046	1.219	127.416
n-Propanol	—	2.031	177.632

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.368	139.755
n-Propanol	2.455	192.686

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2422190-2	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/20/2024 3:11:49 PM
Data file:	C:\Chem32\1\Data\20Nov24\28.D	Analyst:	Canonico

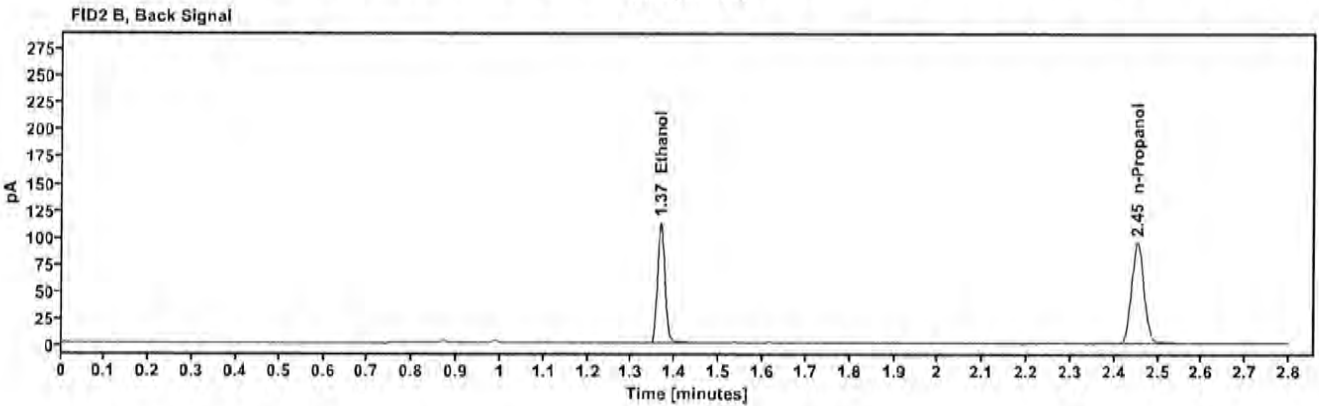
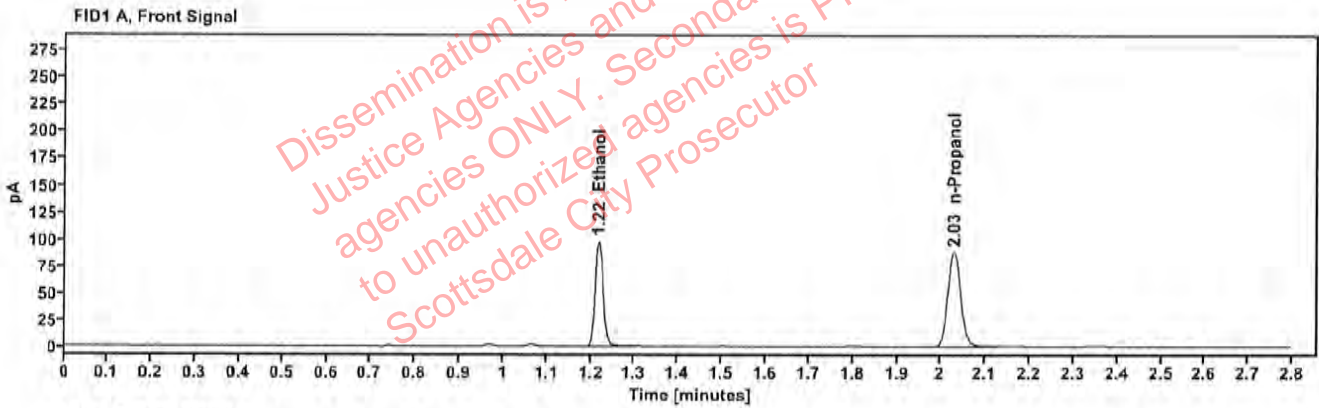


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2027	1.218	124.391
n-Propanol	—	2.029	174.981

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.367	136.430
n-Propanol	2.453	189.822

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2423532-1	Vial:	29
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	20Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/20/2024 3:15:50 PM
Data file:	C:\Chem32\1\Data\20Nov24\29.D	Analyst:	Canonico

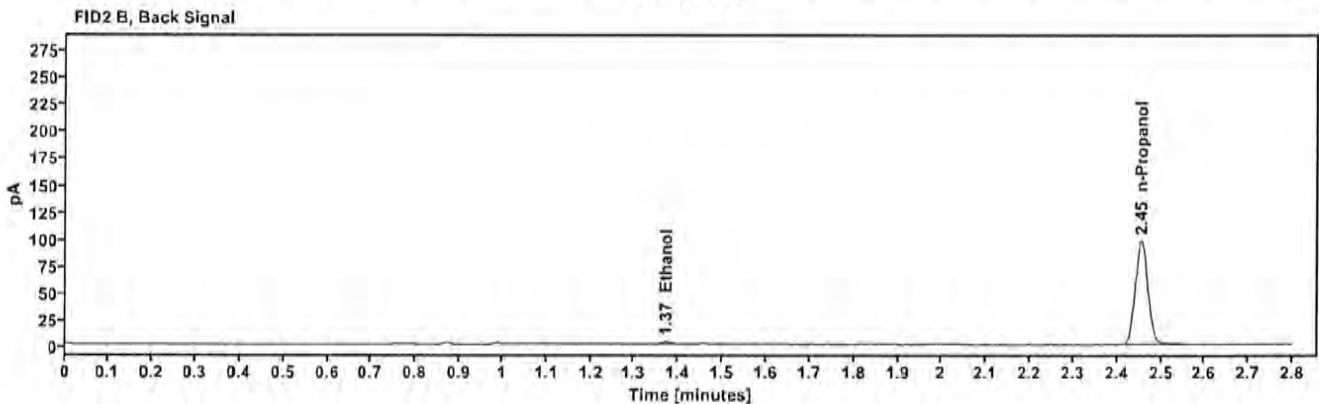
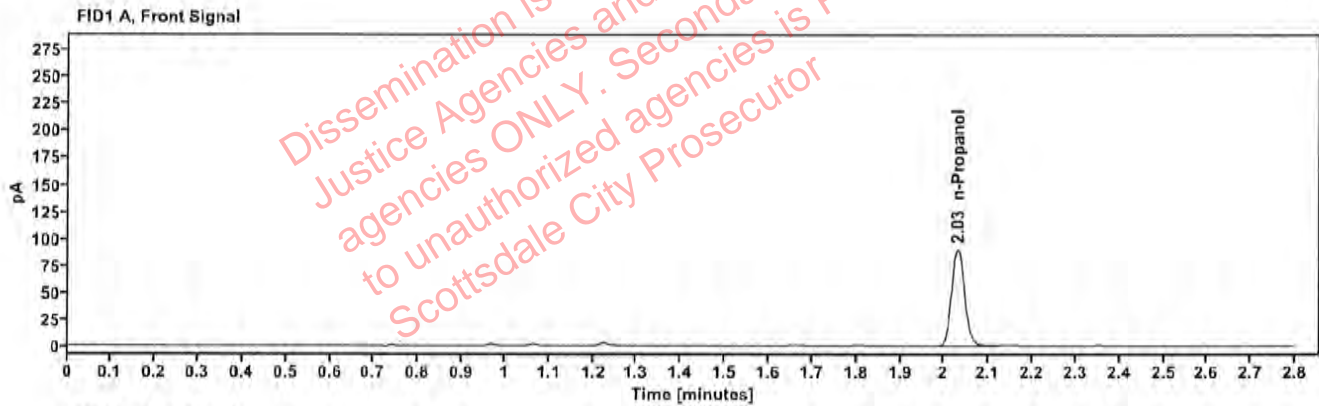


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	—	2.030	180.039

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.371	4.026
n-Propanol	2.455	195.367

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2423532-1	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/20/2024 3:19:49 PM
Data file:	C:\Chem32\1\Data\20Nov24\30.D	Analyst:	Canonico

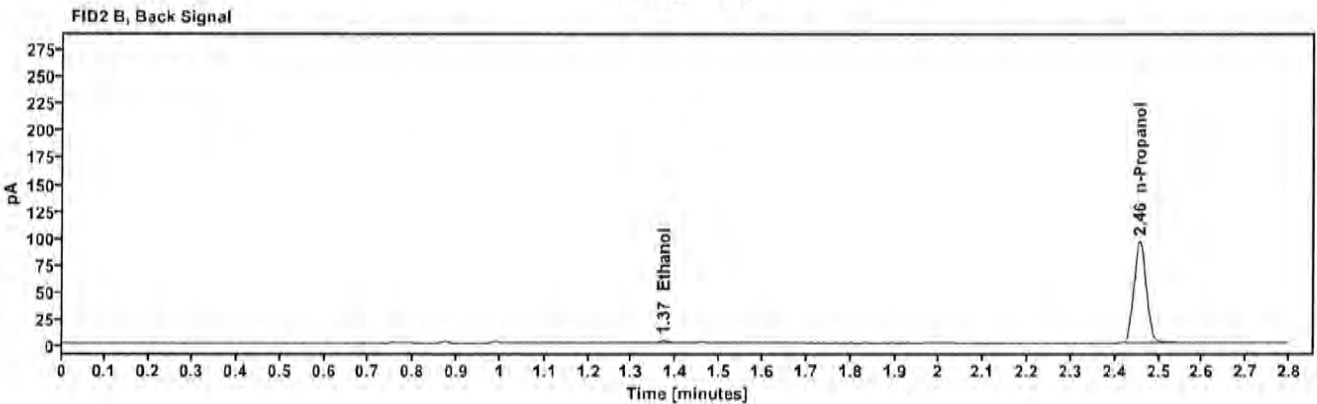
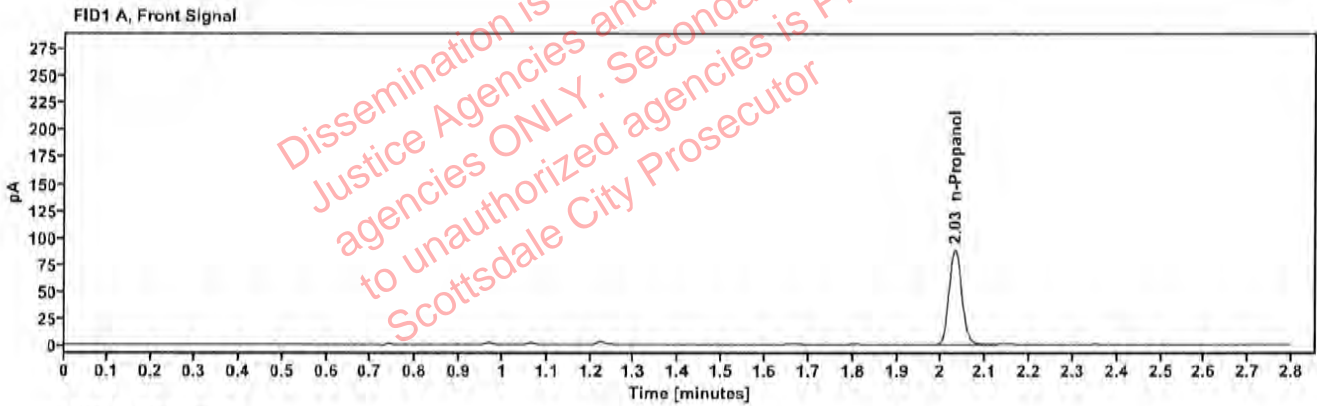


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	—	2.031	175.882

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.372	3.802
n-Propanol	2.456	191.025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2422492-7	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/20/2024 3:28:05 PM
Data file:	C:\Chem32\1\Data\20Nov24\32.D	Analyst:	Canonico

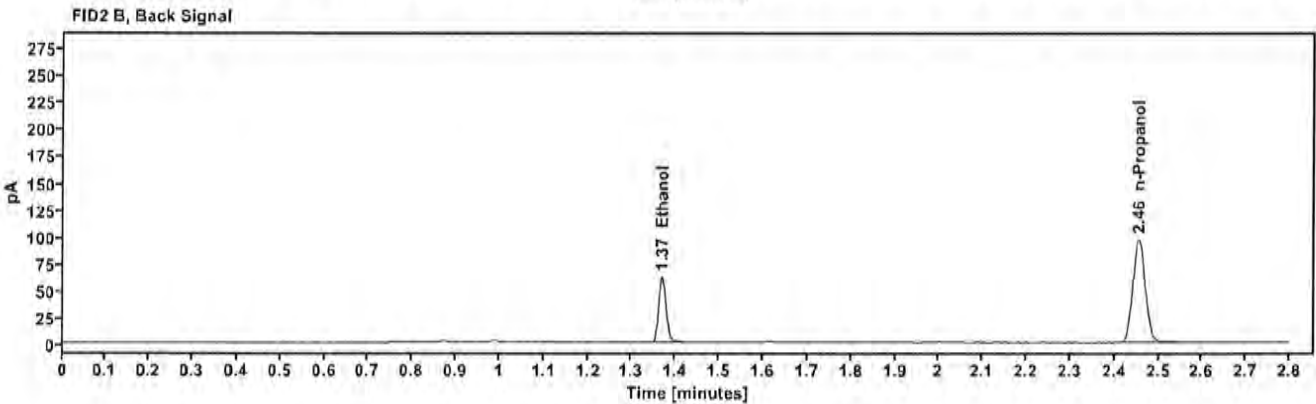
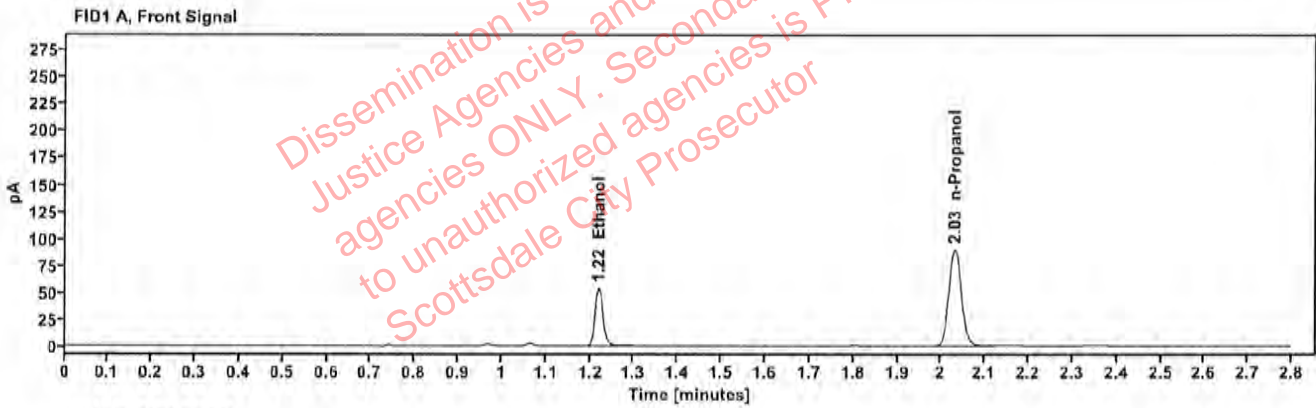


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1096	1.219	68.412
n-Propanol	---	2.031	178.565

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.368	74.935
n-Propanol	2.455	193.970

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2422492-7	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/20/2024 3:32:04 PM
Data file:	C:\Chem32\1\Data\20Nov24\33.D	Analyst:	Canonico

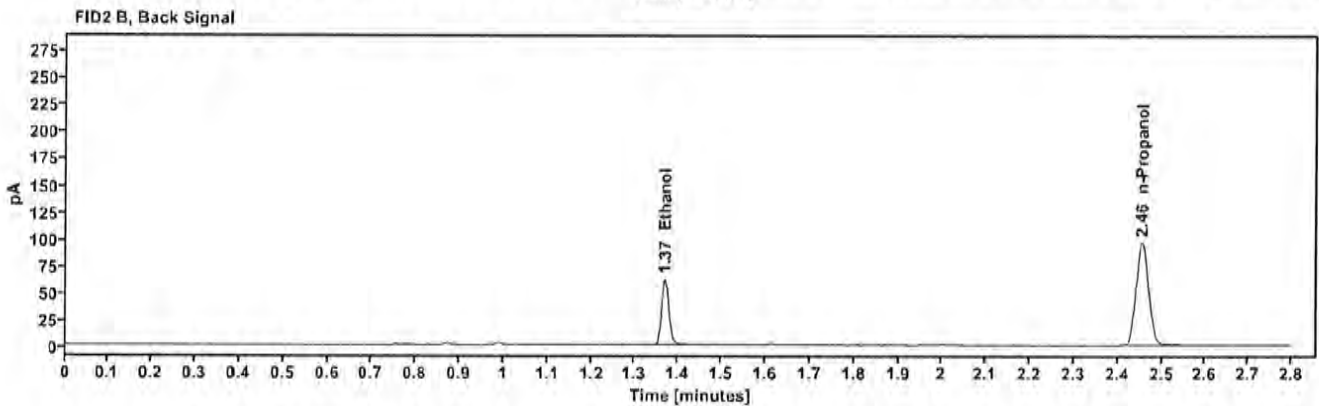
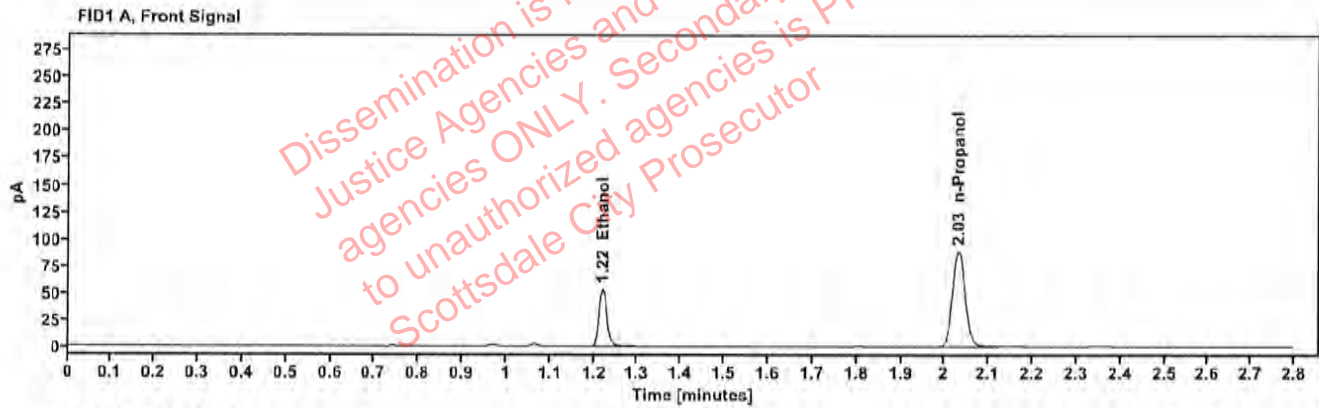


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1098	1.219	68.190
n-Propanol	—	2.031	177.668

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.369	74.726
n-Propanol	2.456	193.121

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2423531-1	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/20/2024 3:36:04 PM
Data file:	C:\Chem32\1\Data\20Nov24\34.D	Analyst:	Canonico

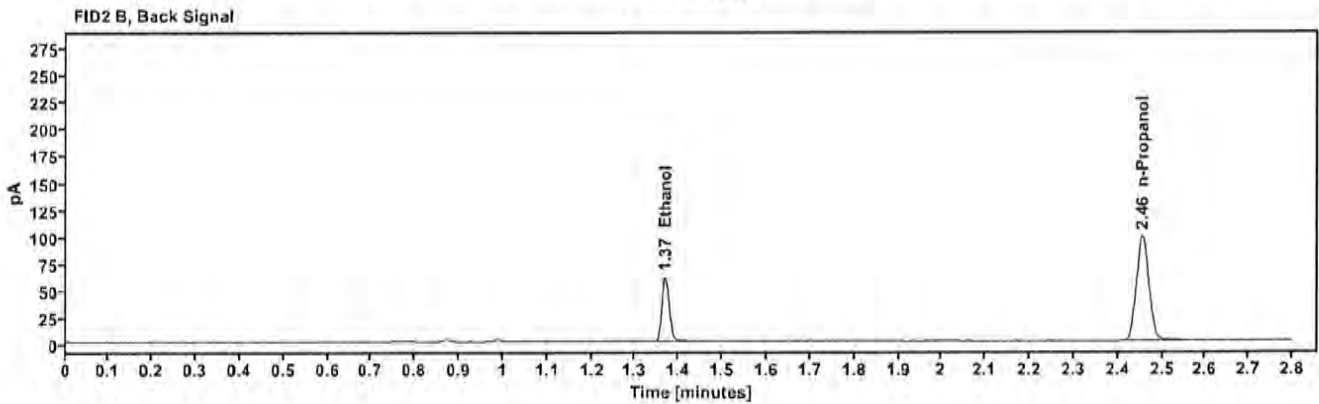
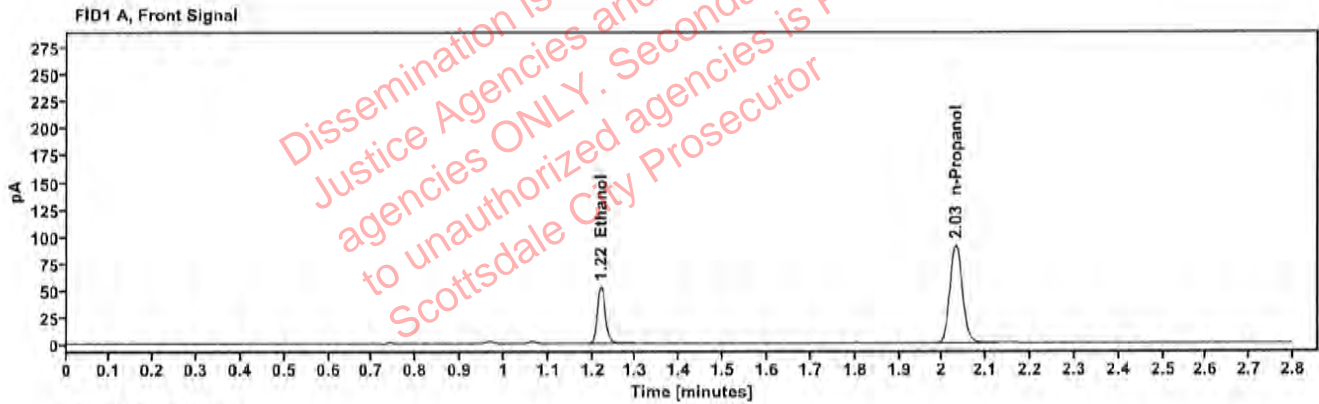


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1065	1.219	67.524
n-Propanol	---	2.031	181.553

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.368	73.755
n-Propanol	2.455	196.841

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2423531-1	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/20/2024 3:40:05 PM
Data file:	C:\Chem32\1\Data\20Nov24\35.D	Analyst:	Canonico

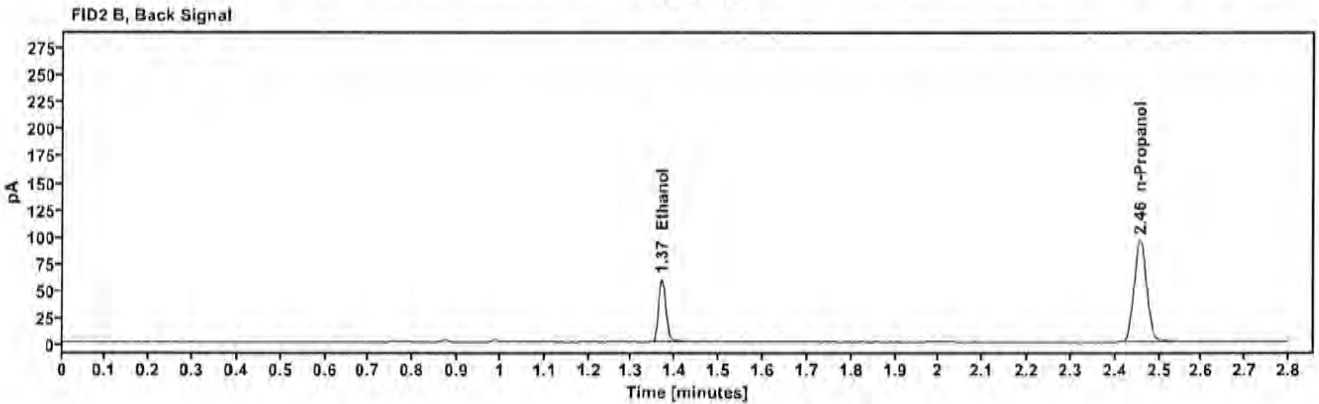
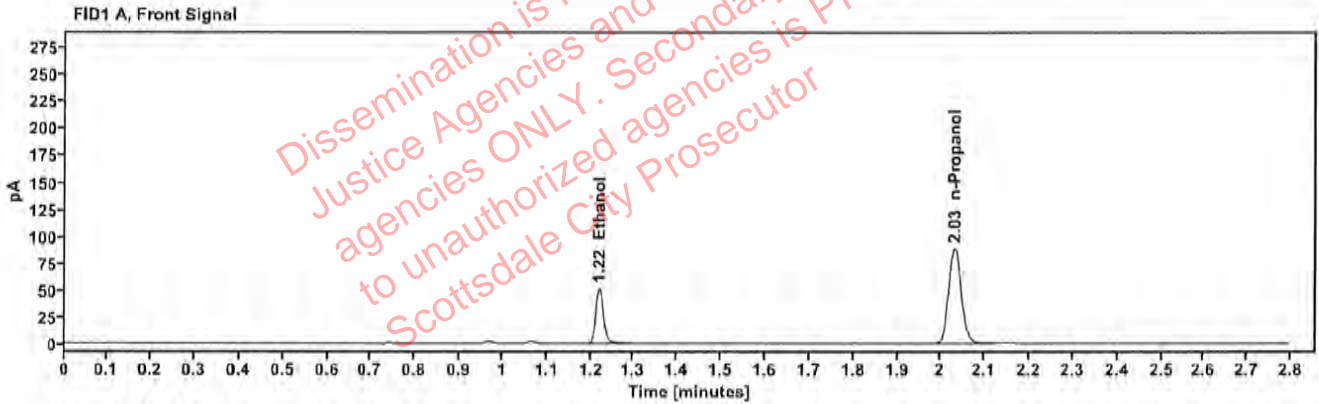


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1059	1.220	65.083
n-Propanol	---	2.032	175.957

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.369	70.976
n-Propanol	2.456	190.638

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2423462-1	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/20/2024 3:44:05 PM
Data file:	C:\Chem32\1\Data\20Nov24\36.D	Analyst:	Canonico

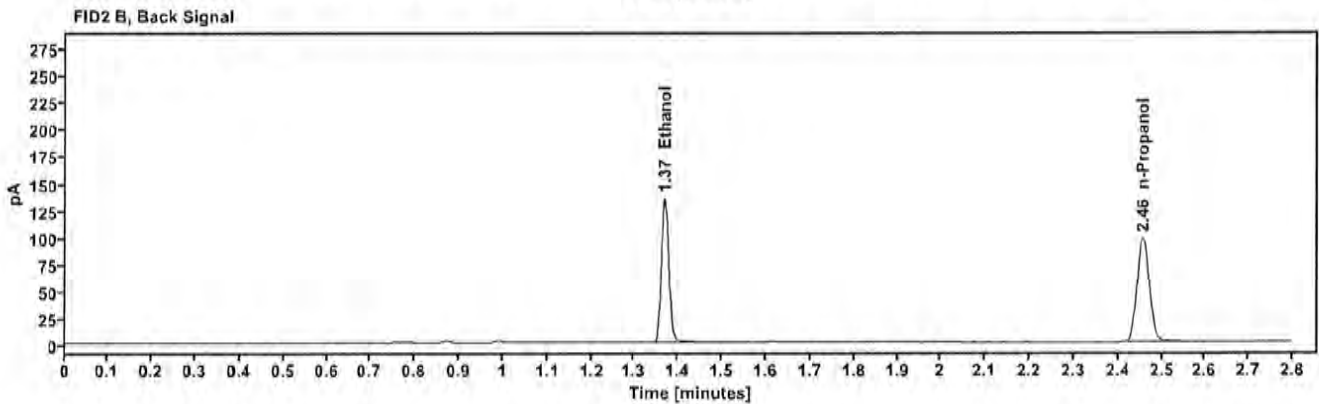
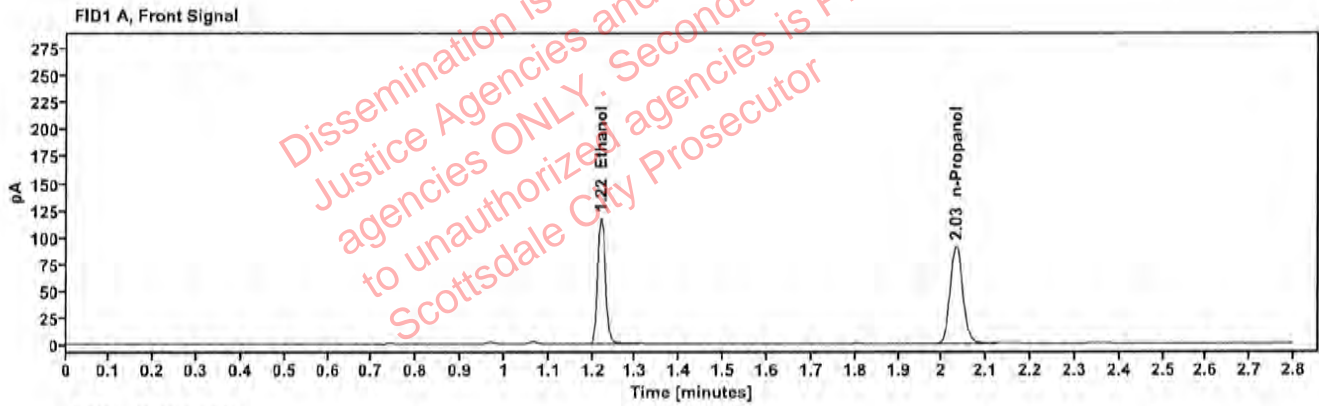


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2355	1.219	149.328
n-Propanol	---	2.032	180.727

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.369	164.952
n-Propanol	2.456	196.209

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2423462-1	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/20/2024 3:48:19 PM
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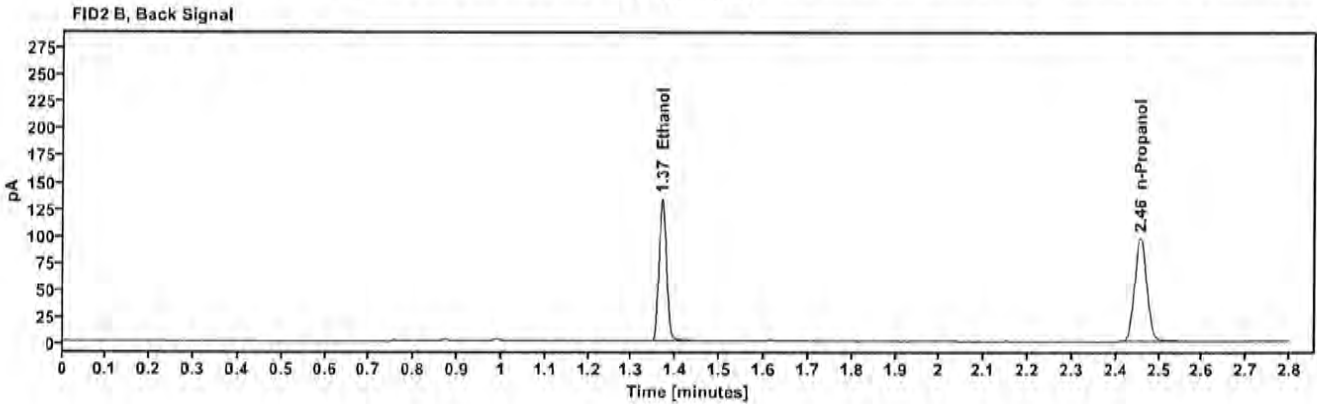
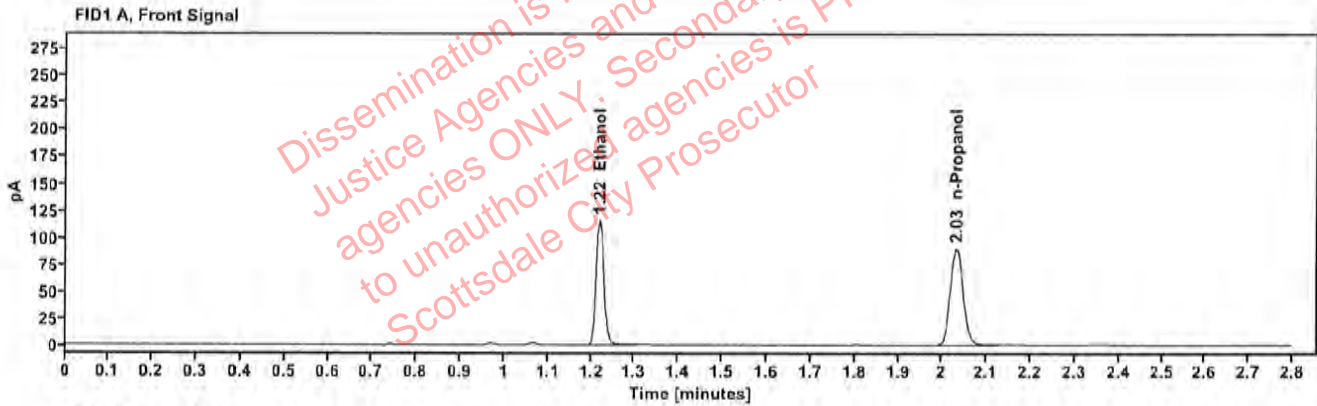


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2337	1.219	147.091
n-Propanol	---	2.032	179.405

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.368	162.872
n-Propanol	2.456	194.826

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2423530-1	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/20/2024 3:52:20 PM
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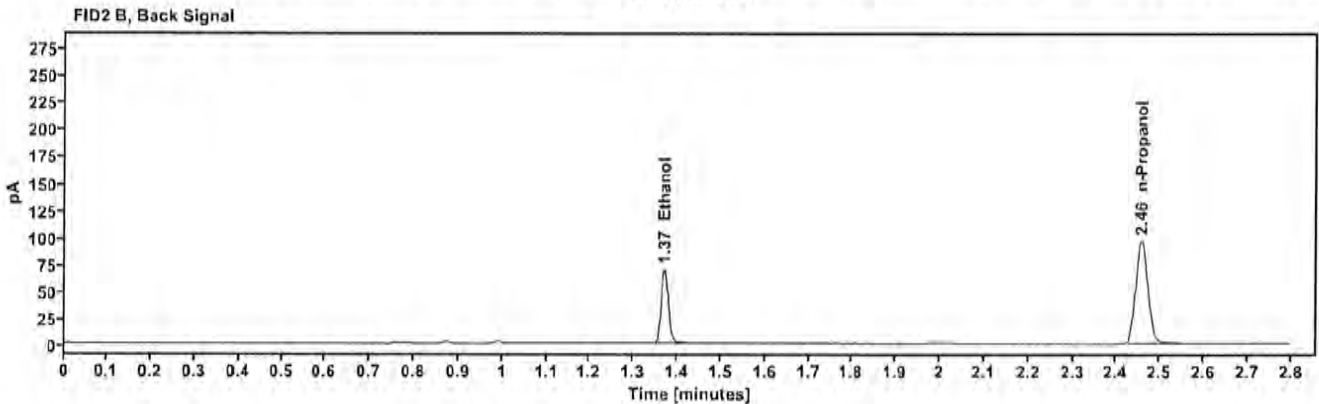
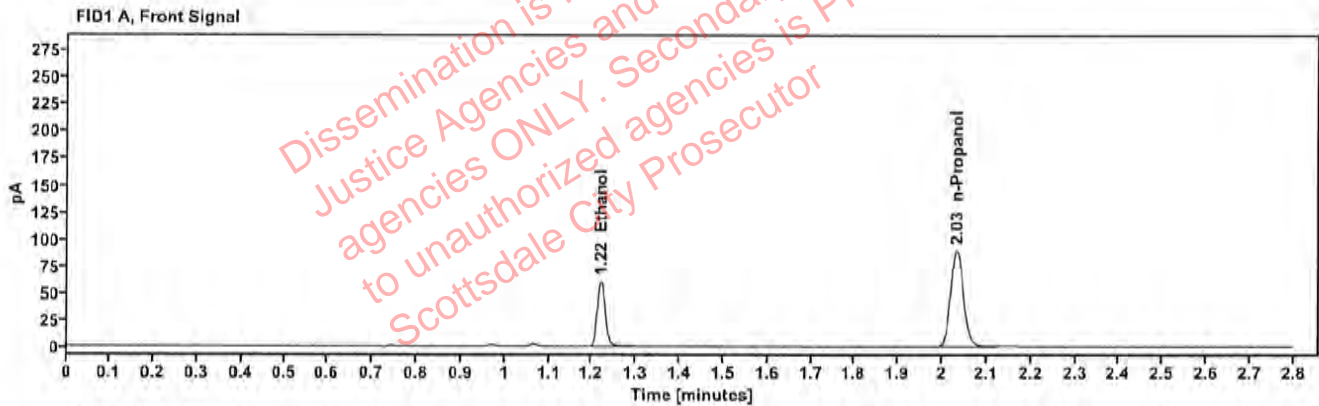


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1235	1.220	77.350
n-Propanol	---	2.032	179.028

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.369	84.509
n-Propanol	2.457	194.219

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2423530-1	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/20/2024 3:56:19 PM
Data file:	C:\Chem32\1\Data\20Nov24\39.D	Analyst:	Canonico

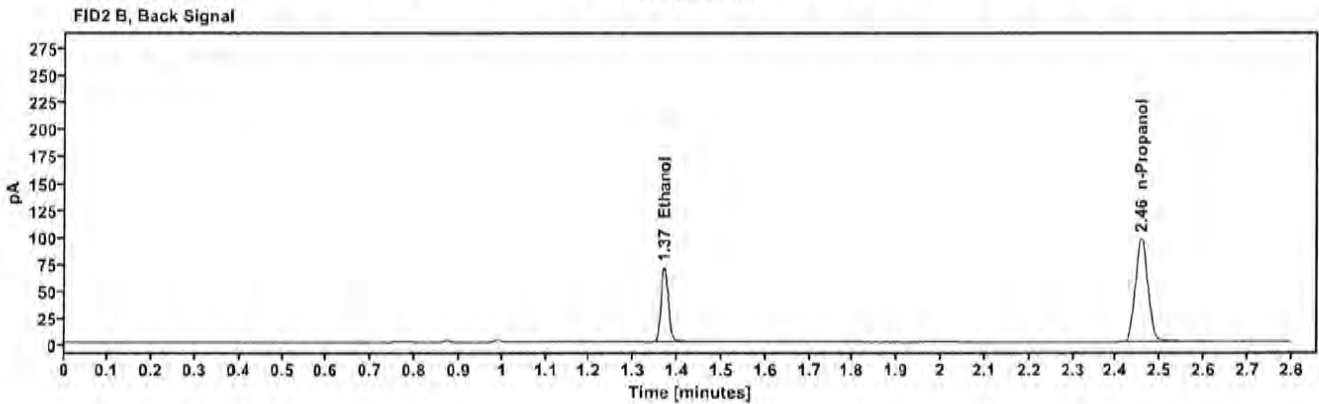
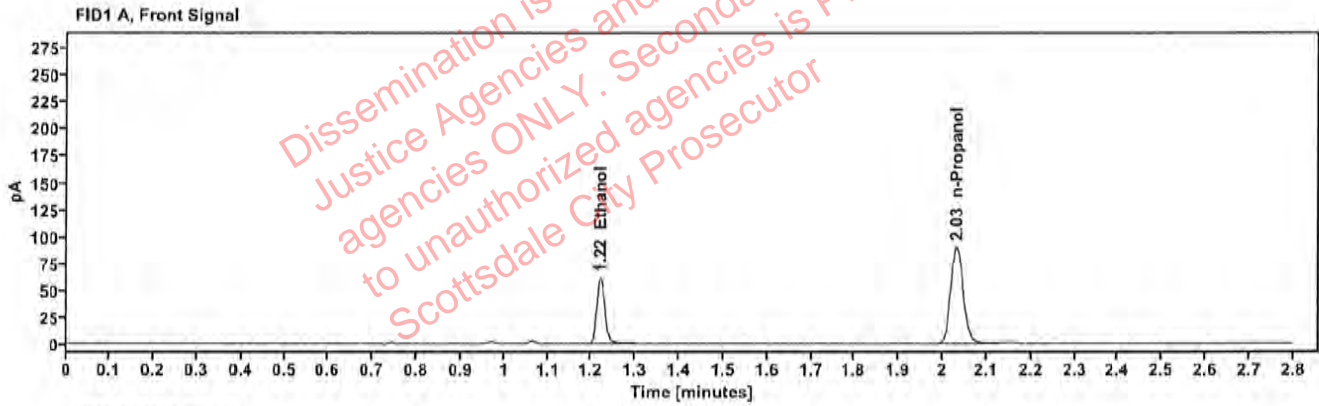


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1238	1.220	77.795
n-Propanol	---	2.032	179.721

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.369	84.822
n-Propanol	2.457	194.910

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2423601-5	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/20/2024 4:00:19 PM
Data file:	C:\Chem32\1\Data\20Nov24\40.D	Analyst:	Canonico

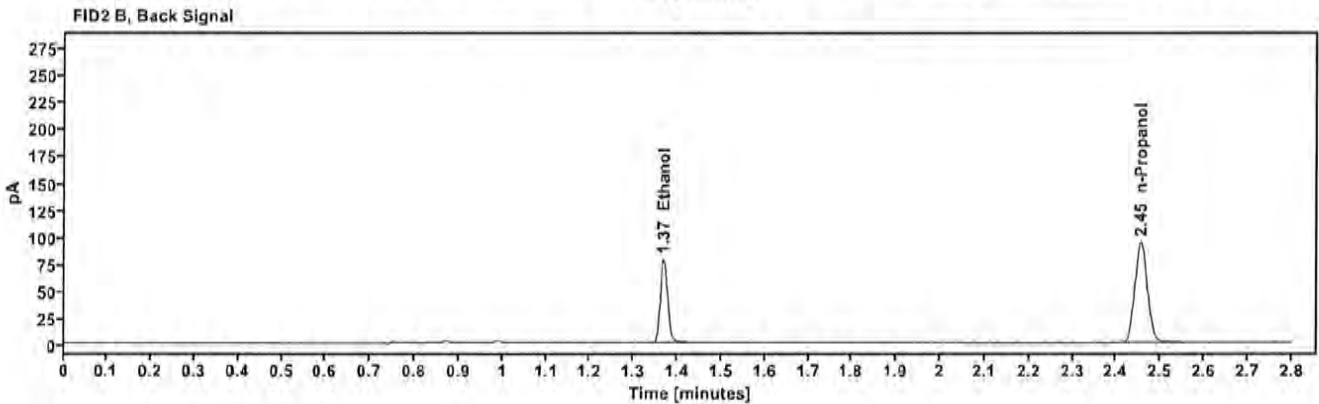
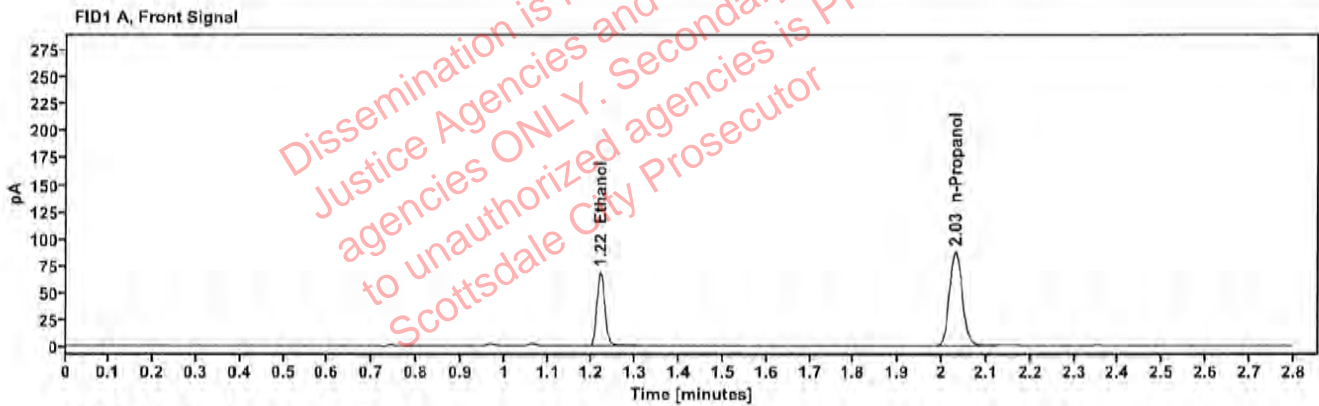


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1420	1.219	86.406
n-Propanol	-----	2.031	173.795

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.368	94.276
n-Propanol	2.455	188.466

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2423601-5	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/20/2024 4:04:19 PM
Data file:	C:\Chem32\1\Data\20Nov24\41.D	Analyst:	Canonico

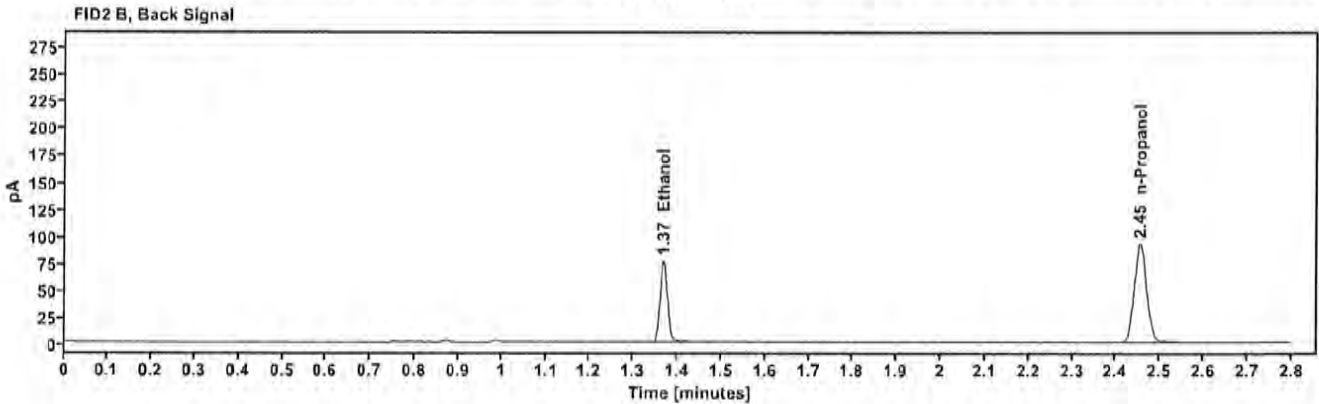
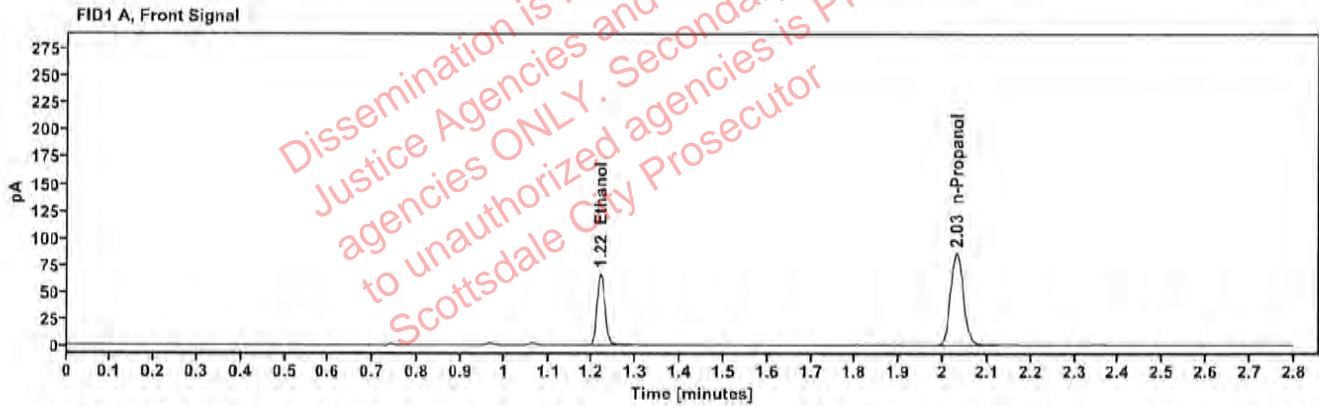


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1406	1.219	84.466
n-Propanol	---	2.030	171.619

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.367	92.371
n-Propanol	2.454	186.000