

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 08/07/2023 SEQUENCE NAME 07Aug23

EQUIPMENT

Pipettor Hamilton ML600EH7497 Hamilton ML600GJ10749
 Gas Chromatograph Agilent US14173023

INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN10051909 Coefficient of determination (r²)
 Vial 2 0.10 calibrator Lot FN05311902 0.99999
 Vial 3 0.20 calibrator Lot FN02052101
 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 011823WB
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.400 g/dL	Lipomed 30012020-A
8	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 14082019-B
9	Blood control	0.199 g/dL	0.202 g/dL	ACQ 4110320133/10
20	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 20012020-B
31	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 20012020-B
42	Aqueous control	0.400 g/dL	0.411 g/dL	Lipomed 30012020-A
43	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 14082019-B
44	Blood control	0.199 g/dL	0.205 g/dL	ACQ 4110320133/10
45	Blank	Not detected	Not detected	SPD lab 060223AQ

SUBJECT SAMPLES

Subjects in the sequence 15 Subjects requiring reanalysis 1

ADDITIONAL NOTES: The duplicate samples in vial positions #40 and #41 did not agree within 2% of the mean.

Run valid Run invalid [Signature] Analyst
 Run valid Run invalid [Signature] Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

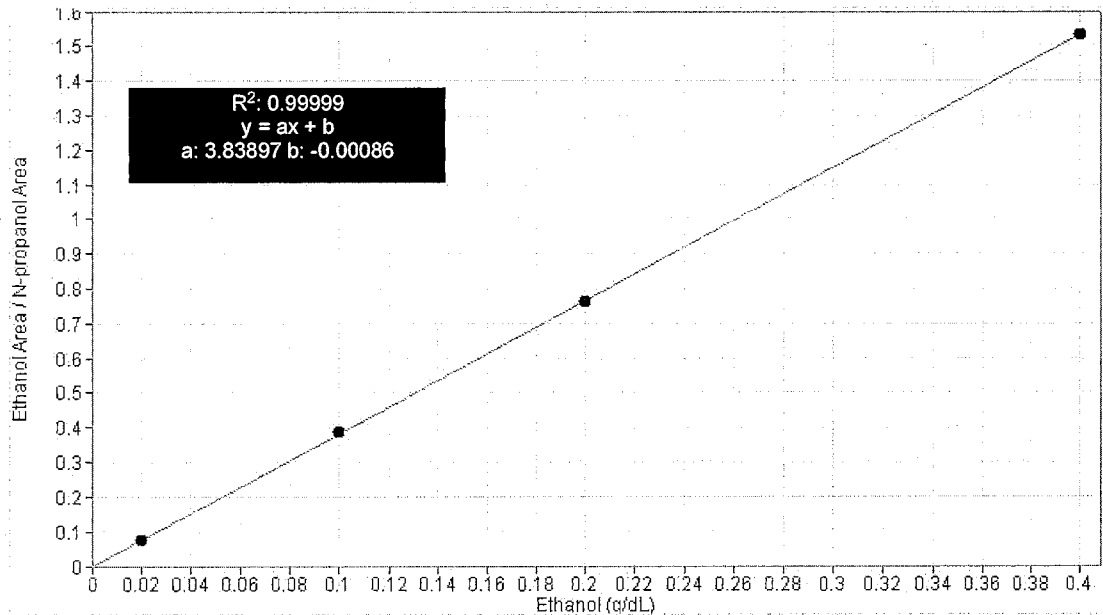
SEQUENCE NAME: 07Aug23

ANALYST: Abbott *[Signature]*

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 011823WB	5	negative	negative	-	-
0.400 30012020-A	7	0.400	0.400	0.00	0.000
0.040 14082019-B	8	0.040	0.040	0.00	0.000
0.199 4110320133/10	9	0.202	0.199	1.51	0.003
0.080 20012020-B	20	0.081	0.080	1.25	0.001
0.080 20012020-B	31	0.080	0.080	0.00	0.000
0.400 30012020-A	42	0.411	0.400	2.75	0.011
0.040 14082019-B	43	0.040	0.040	0.00	0.000
0.199 4110320133/10	44	0.205	0.199	3.02	0.006
blank 060223AQ	45	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	12.208	162.343	0.075
0.100	63.318	164.295	0.385
0.200	124.426	162.700	0.765
0.400	242.183	157.748	1.535

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN10051909	Vial:	1
Description:	0.020 calibrator	Sequence:	07Aug23
Method:	ethanol quant.M	Injection date:	8/7/2023 1:06:43 PM
Instrument:	US14173023 CN14160045	Analyst:	Abbott <i>DA</i>
Data file:	C:\Chem32\1\Data\07Aug23\1.D		

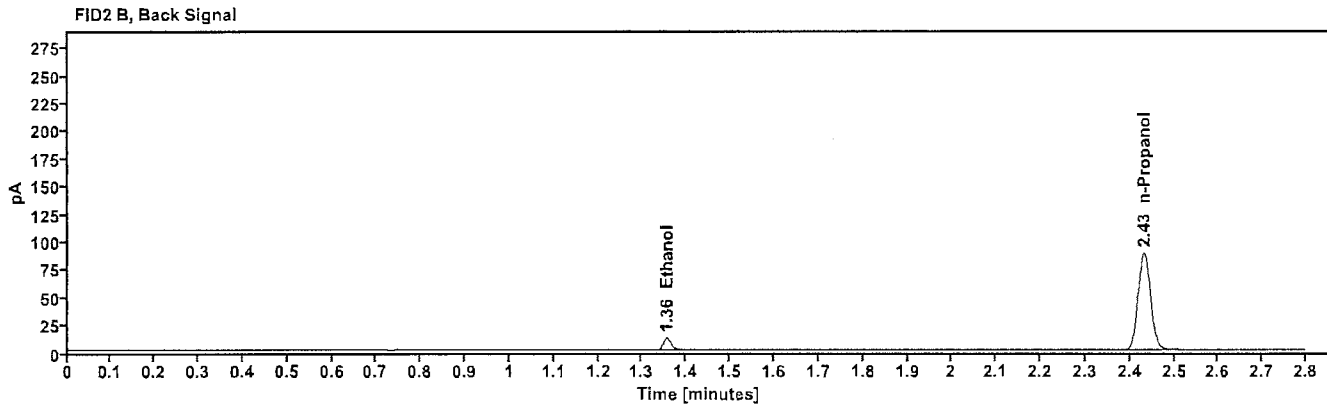
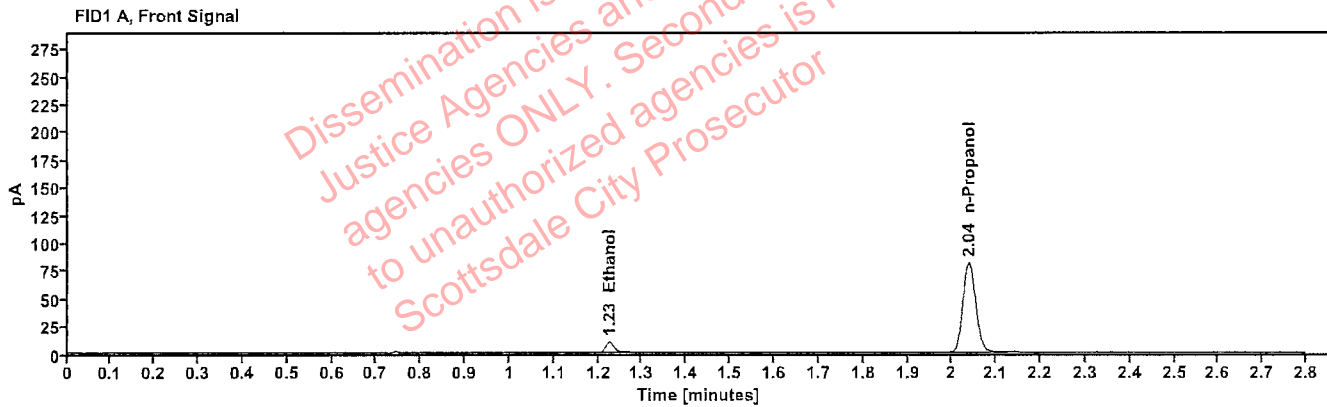


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.225	12.208
n-Propanol	2.039	162.343

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

Compound	Time (min)	Peak Area
Ethanol	1.356	12.930
n-Propanol	2.432	172.882

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN05311902	Vial:	2
Description:	0.100 calibrator	Sequence:	07Aug23
Method:	ethanol quant.M	Injection date:	8/7/2023 1:10:42 PM
Instrument:	US14173023 CN14160045	Analyst:	Abbott <i>JA</i>
Data file:	C:\Chem32\1\Data\07Aug23\2.D		

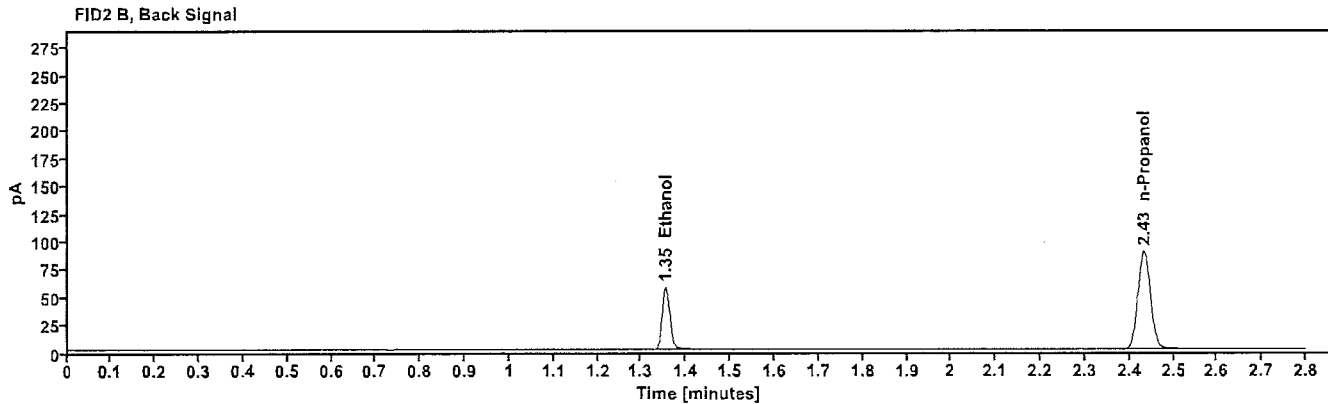
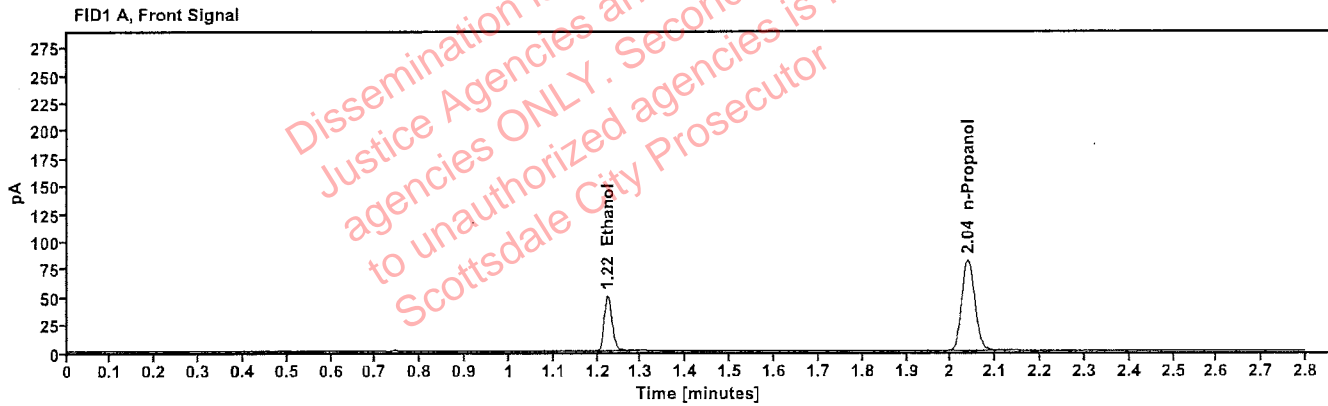


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.223	63.318
n-Propanol	2.039	164.295

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

Compound	Time (min)	Peak Area
Ethanol	1.355	67.729
n-Propanol	2.433	174.947

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN02052101	Vial:	3
Description:	0.200 calibrator	Sequence:	07Aug23
Method:	ethanol quant.M	Injection date:	8/7/2023 1:14:43 PM
Instrument:	US14173023 CN14160045	Analyst:	Abbott <i>ph</i>
Data file:	C:\Chem32\1\Data\07Aug23\3.D		

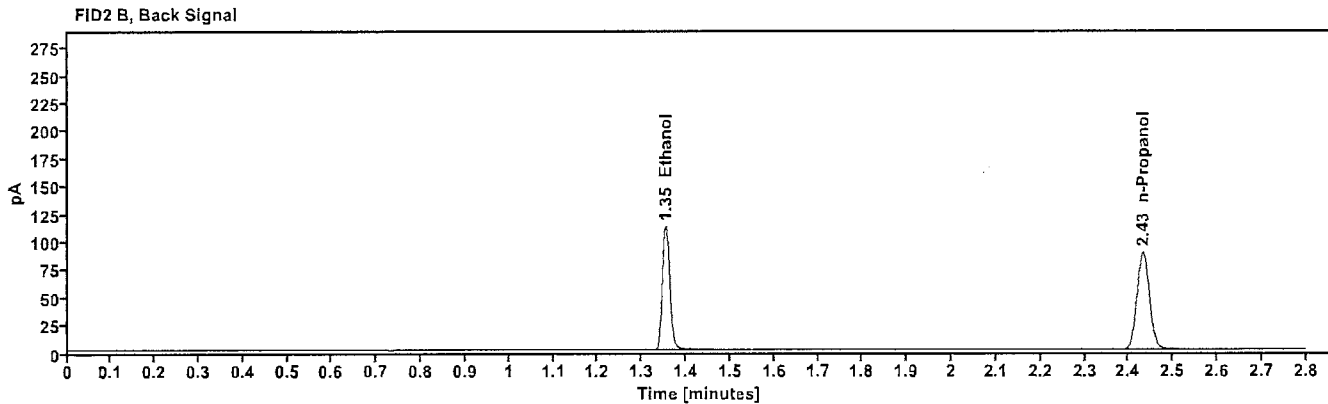
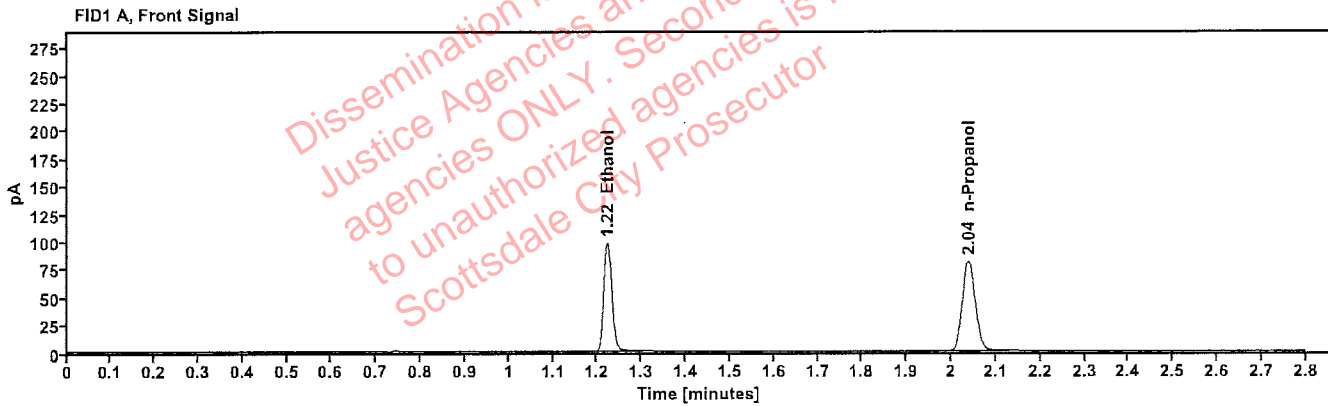


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.222	124.426
n-Propanol	2.038	162.700

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

Compound	Time (min)	Peak Area
Ethanol	1.354	133.243
n-Propanol	2.432	173.482

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03052102	Vial:	4
Description:	0.400 calibrator	Sequence:	07Aug23
Method:	ethanol quant.M	Injection date:	8/7/2023 1:18:42 PM
Instrument:	US14173023 CN14160045	Analyst:	Abbott DR
Data file:	C:\Chem32\1\Data\07Aug23\4.D		

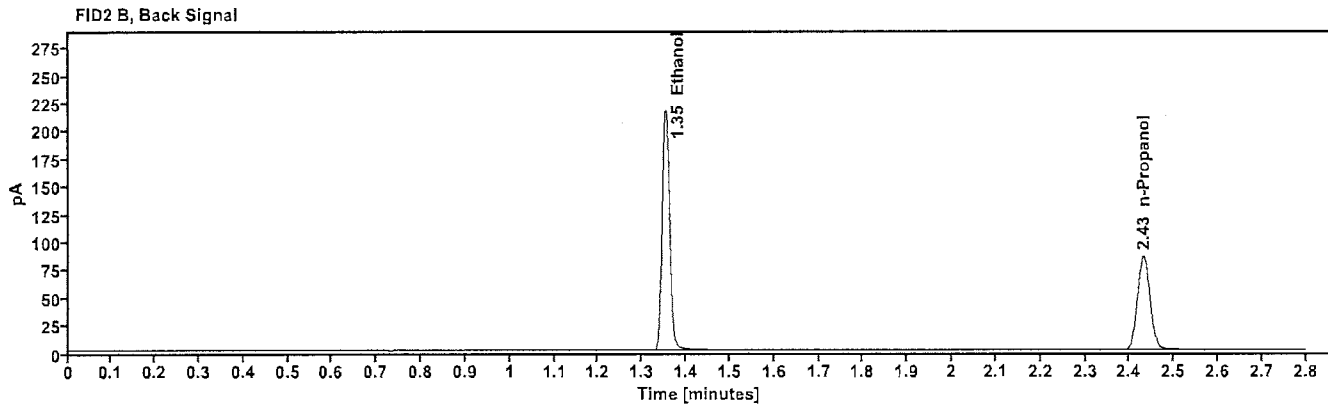
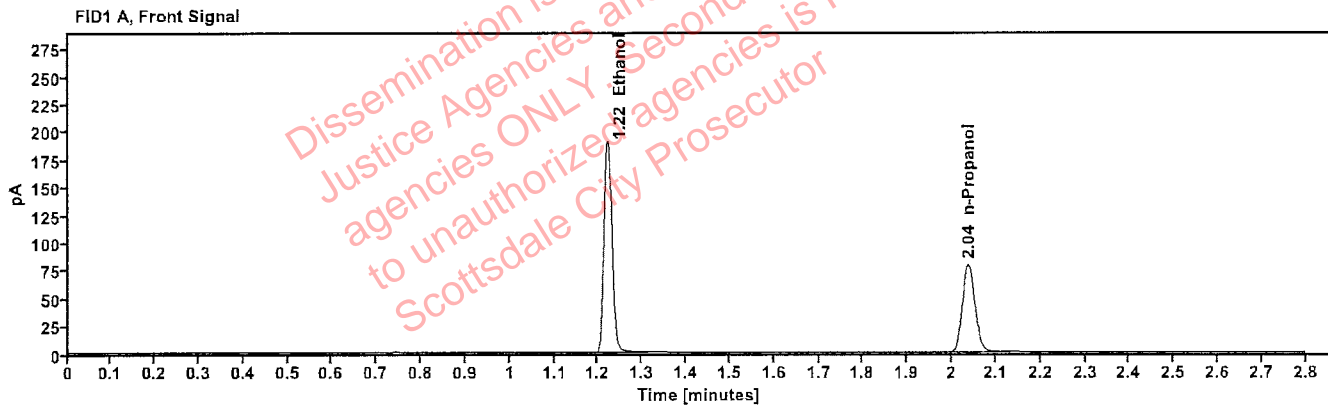


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.221	242.183
n-Propanol	2.038	157.748

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

Compound	Time (min)	Peak Area
Ethanol	1.353	260.265
n-Propanol	2.431	168.012

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	011823WB	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	07Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/7/2023 1:22:43 PM
Data file:	C:\Chem32\1\Data\07Aug23\5.D	Analyst:	Abbott

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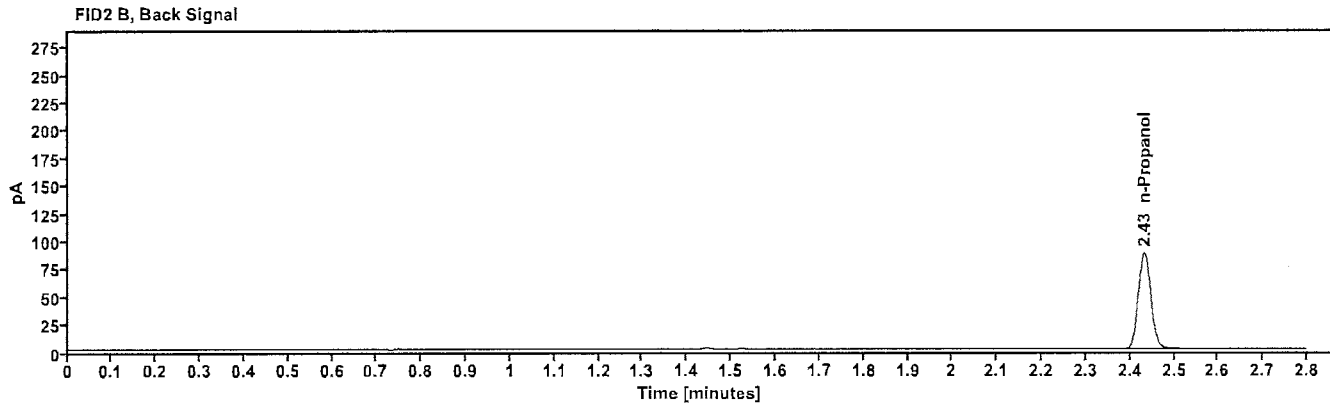
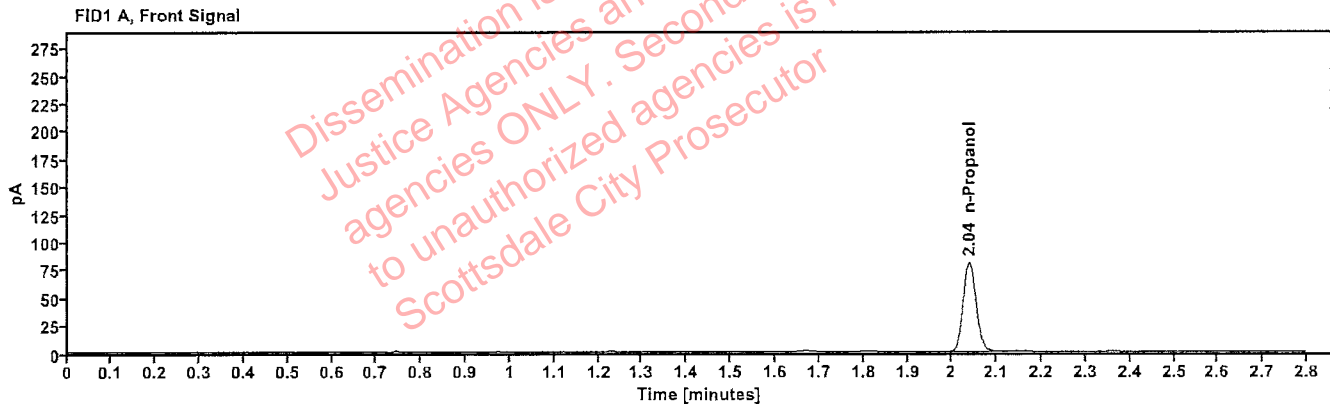


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.039	161.575

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

Compound	Time (min)	Peak Area
n-Propanol	2.432	172.375

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 050721MIX	Vial: 6
Description: Volatiles mix	LIMS ID:
Method: ethanol quant.M	Sequence: 07Aug23
Instrument: US14173023 CN14160045	Injection date: 8/7/2023 1:26:43 PM
Data file: C:\Chem32\1\Data\07Aug23\6.D	Analyst: Abbott DR

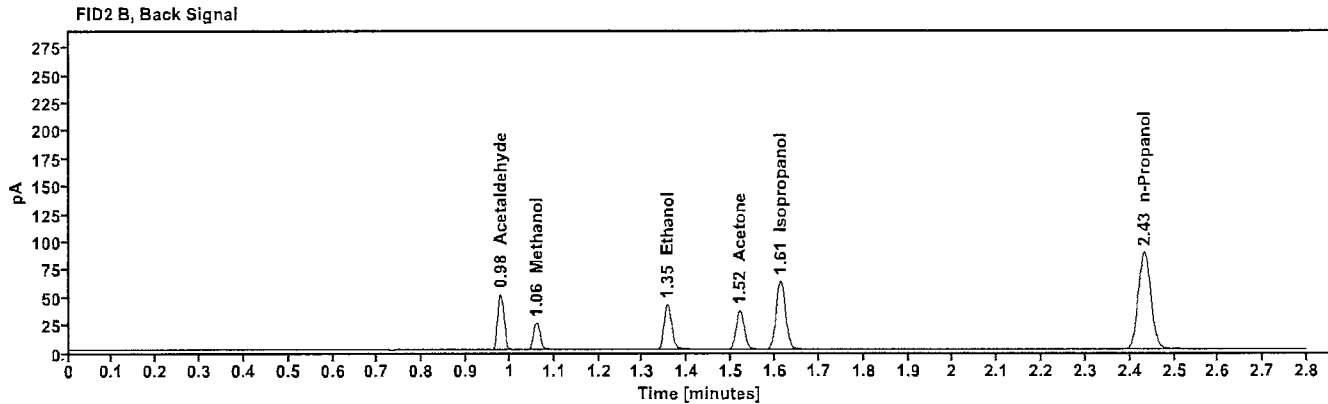
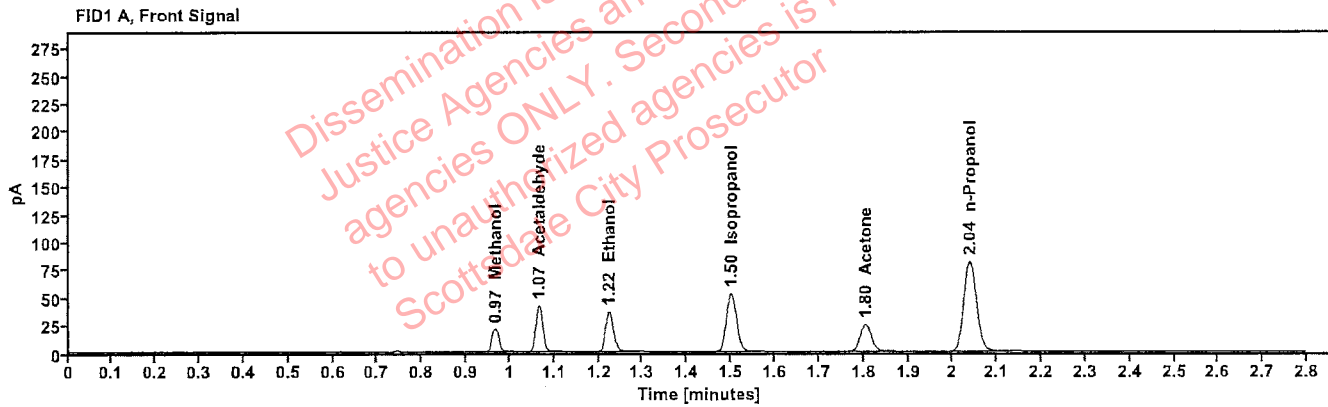


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.967	23.549
Acetaldehyde	-----	1.066	46.228
>Ethanol	0.0738	1.223	46.090
Isopropanol	-----	1.500	84.597
Acetone	-----	1.804	42.814
n-Propanol	-----	2.038	163.207

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.978	50.544
Methanol	1.060	25.464
Ethanol	1.355	49.478
Acetone	1.519	46.223
Isopropanol	1.613	91.576
n-Propanol	2.432	174.041

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	30012020-A	Vial:	7
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	07Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/7/2023 1:30:58 PM
Data file:	C:\Chem32\1\Data\07Aug23\7.D	Analyst:	Abbott

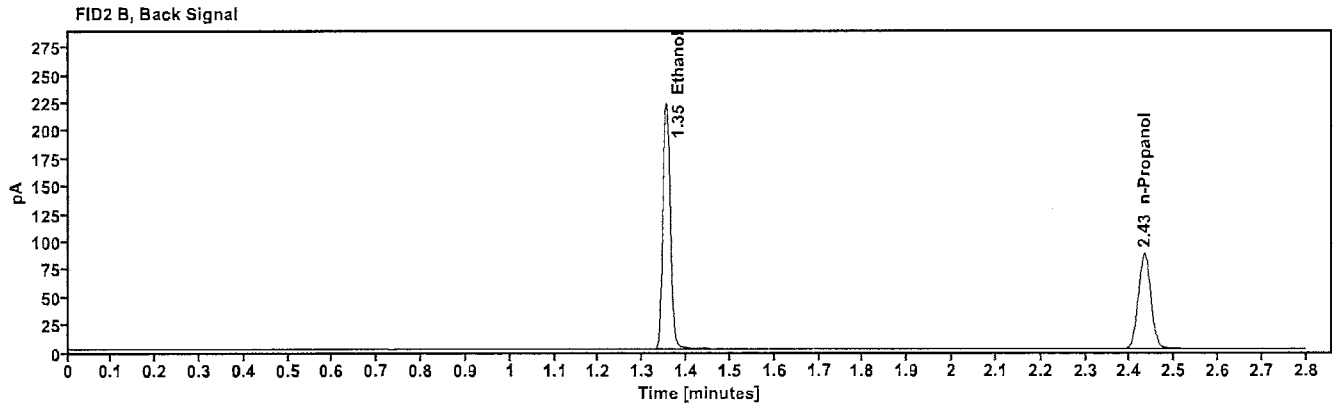
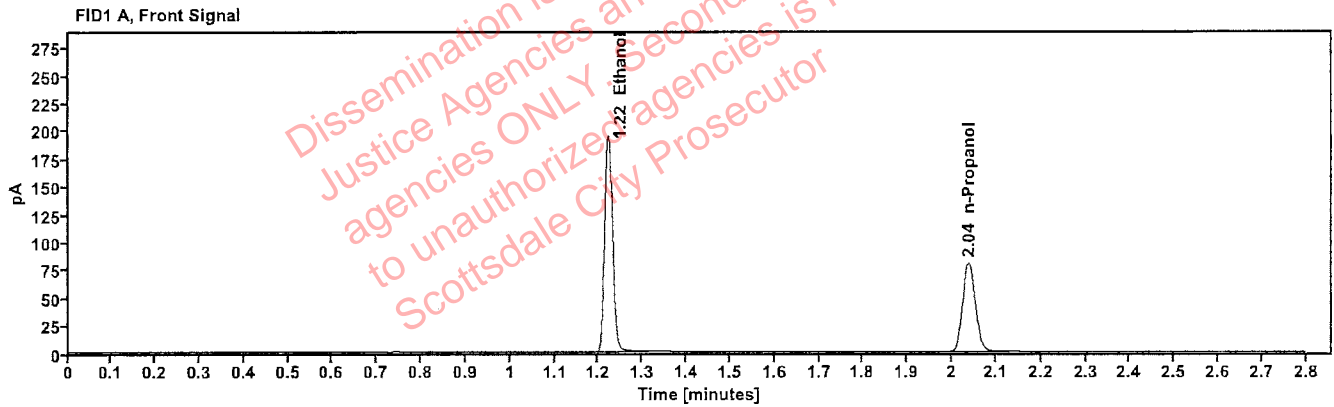


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4008	1.222	246.821
n-Propanol	-----	2.038	160.517

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

Compound	Time (min)	Peak Area
Ethanol	1.353	265.675
n-Propanol	2.432	171.119

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-B	Vial:	8
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	07Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/7/2023 1:34:58 PM
Data file:	C:\Chem32\1\Data\07Aug23\8.D	Analyst:	Abbott

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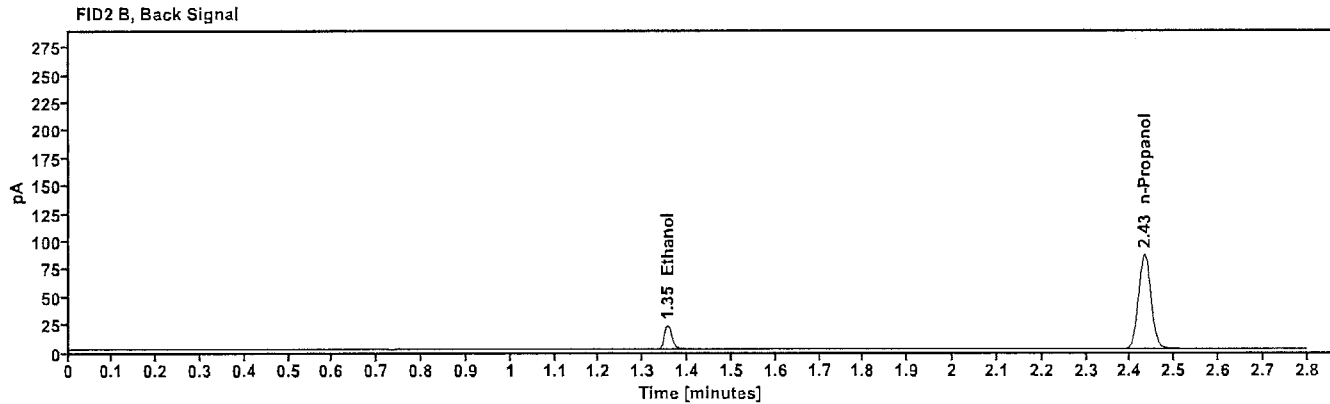
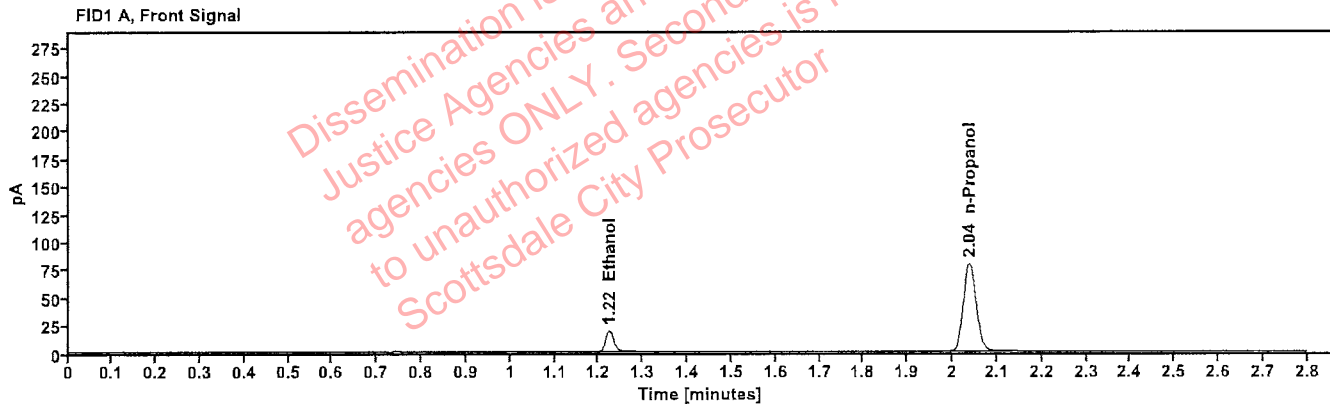


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0400	1.224	24.329
n-Propanol	-----	2.038	159.350

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

Compound	Time (min)	Peak Area
Ethanol	1.355	25.972
n-Propanol	2.432	169.507

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4110320133/10	Vial: 9
Description: 0.199	LIMS ID:
Method: ethanol quant.M	Sequence: 07Aug23
Instrument: US14173023 CN14160045	Injection date: 8/7/2023 1:38:58 PM
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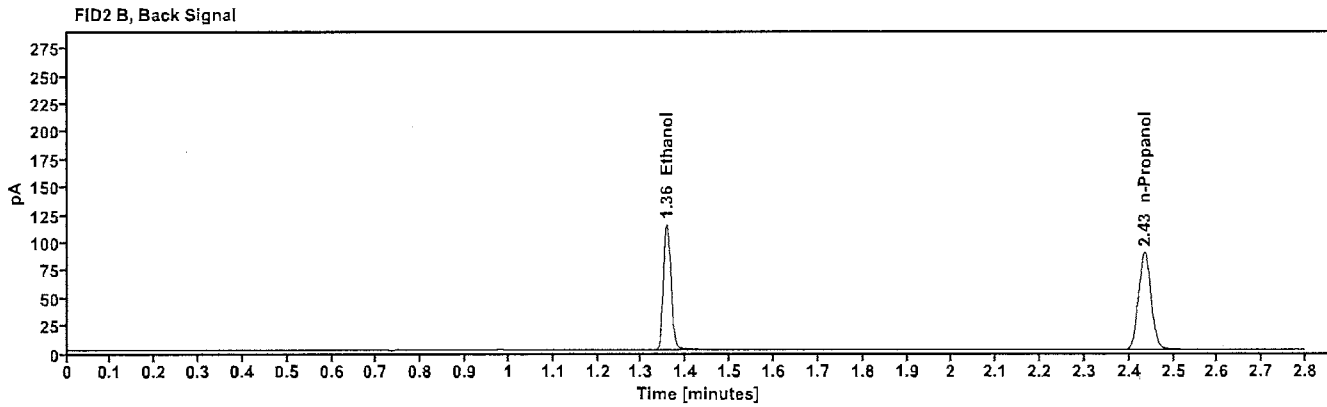
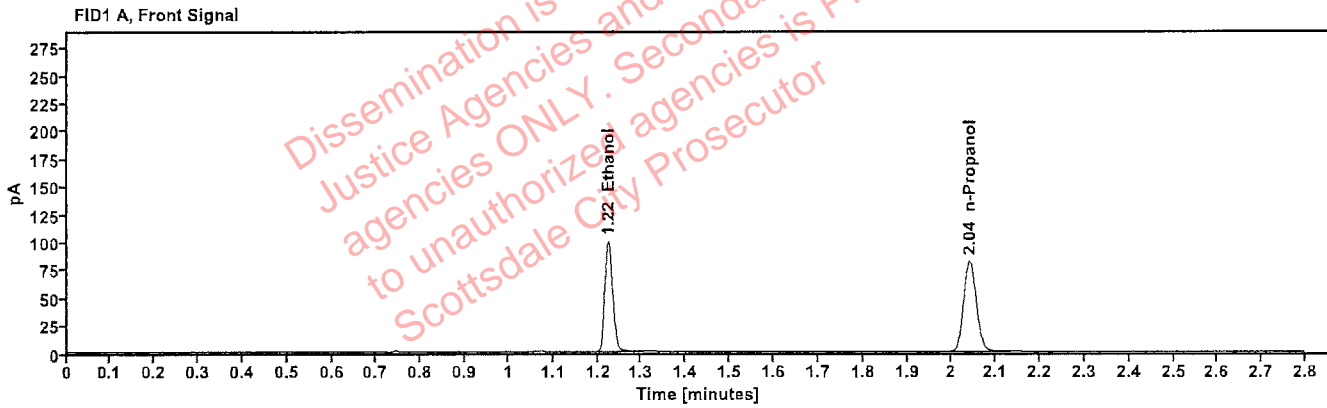


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2028	1.224	126.985
n-Propanol	-----	2.040	163.319

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

Compound	Time (min)	Peak Area
Ethanol	1.357	135.888
n-Propanol	2.435	174.044

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20012020-B	Vial:	20
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	07Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/7/2023 2:23:27 PM
Data file:	C:\Chem32\1\Data\07Aug23\20.D	Analyst:	Abbott JA

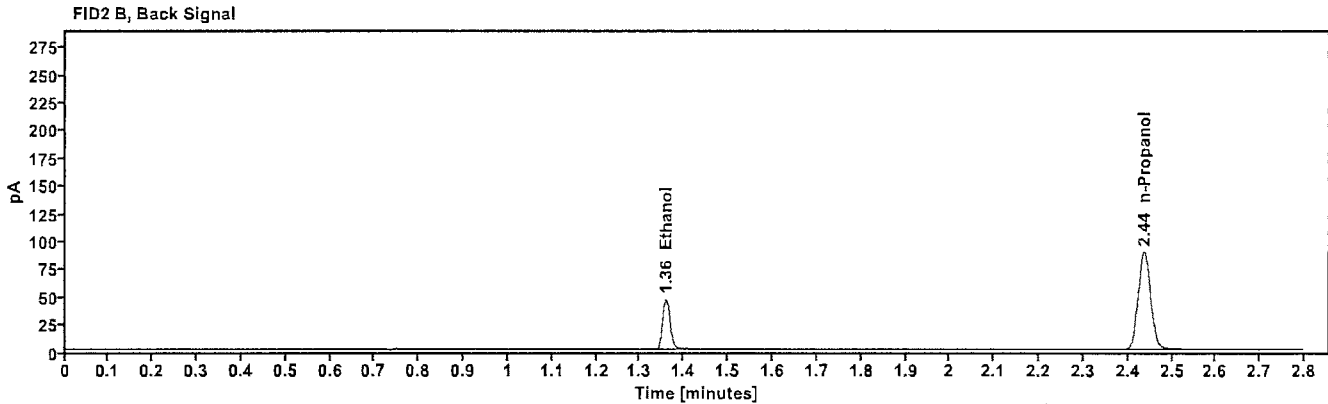
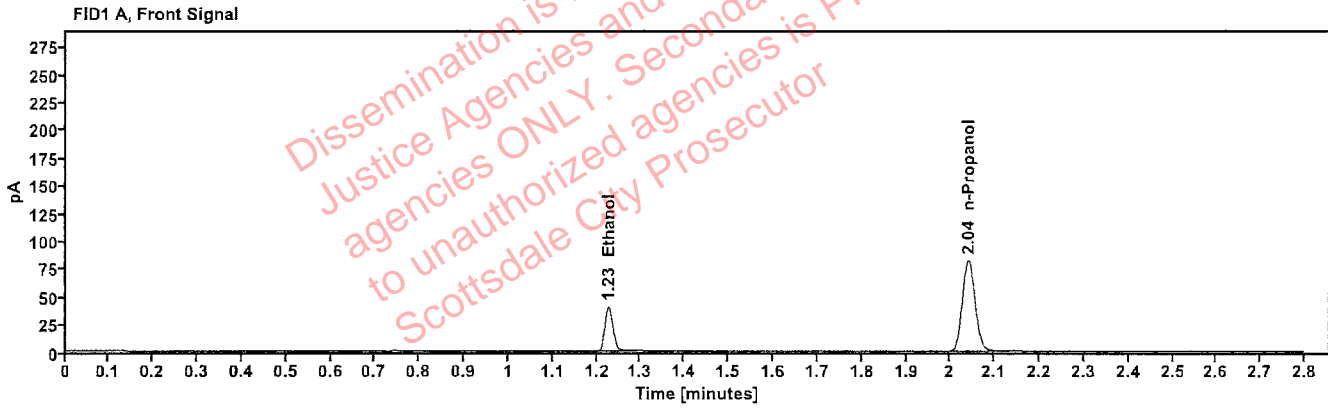


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0819	1.226	51.453
n-Propanol	-----	2.041	164.112

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

Compound	Time (min)	Peak Area
Ethanol	1.359	55.162
n-Propanol	2.437	175.155

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20012020-B	Vial:	31
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	07Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/7/2023 3:07:58 PM
Data file:	C:\Chem32\1\Data\07Aug23\31.D	Analyst:	Abbott JA

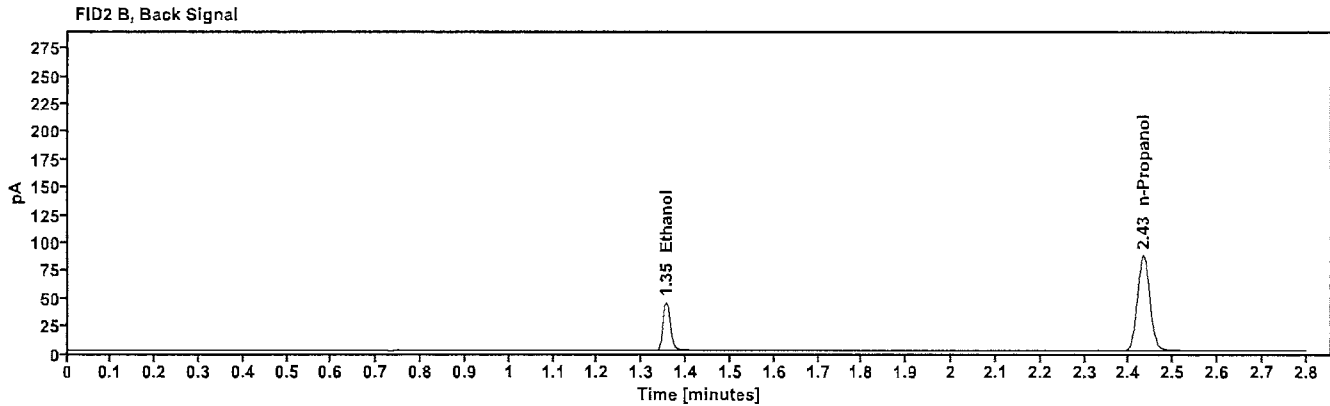
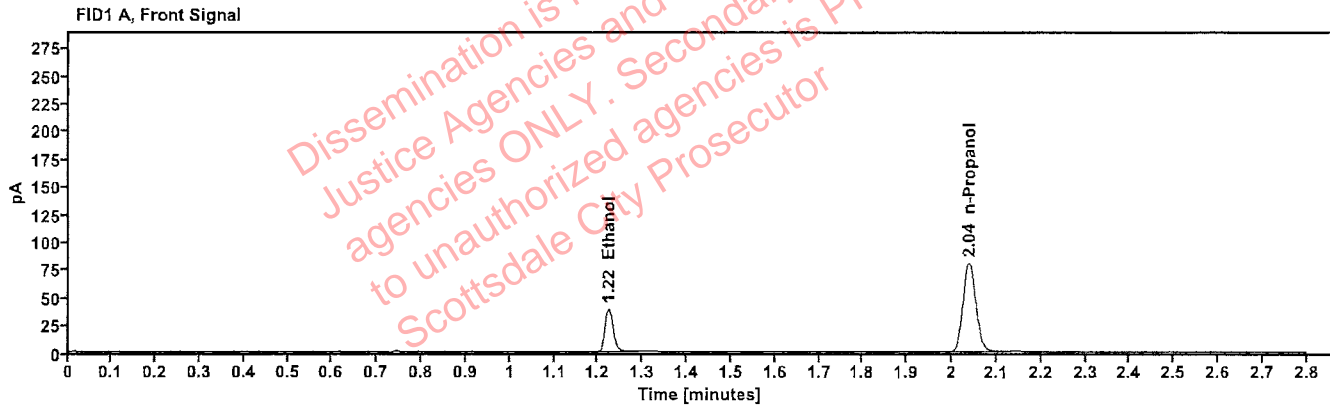


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0804	1.223	49.444
n-Propanol	----	2.039	160.577

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

Compound	Time (min)	Peak Area
Ethanol	1.355	52.947
n-Propanol	2.432	171.190

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	30012020-A	Vial:	42
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	07Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/7/2023 3:52:13 PM
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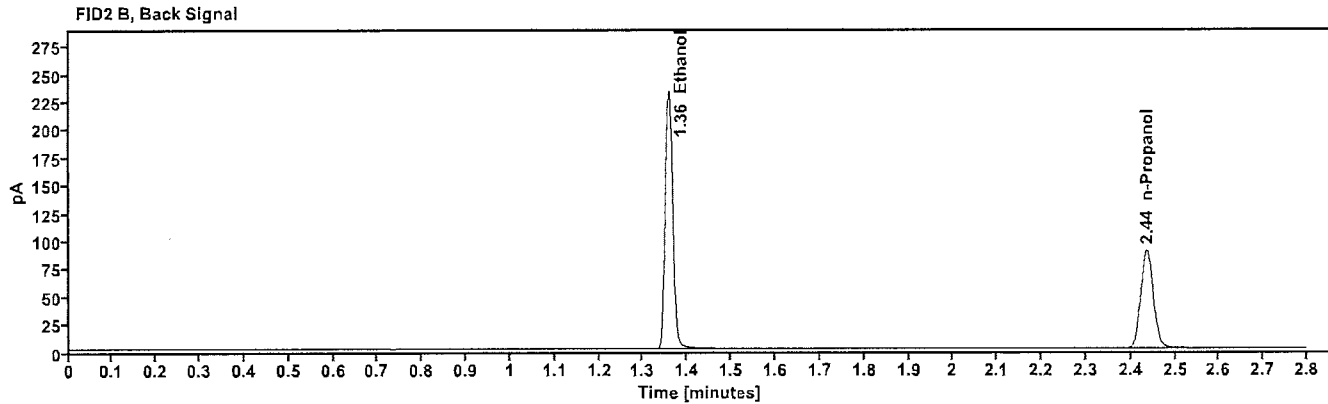
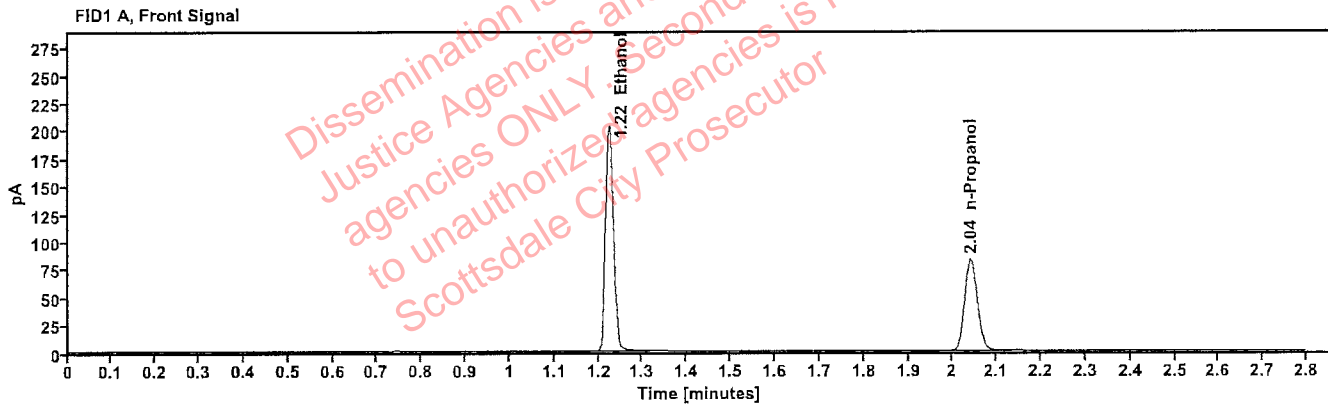


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4118	1.224	260.521
n-Propanol	---	2.041	164.884

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

Compound	Time (min)	Peak Area
Ethanol	1.358	280.805
n-Propanol	2.436	175.848

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 43
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 07Aug23
Instrument: US14173023 CN14160045	Injection date: 8/7/2023 3:56:29 PM
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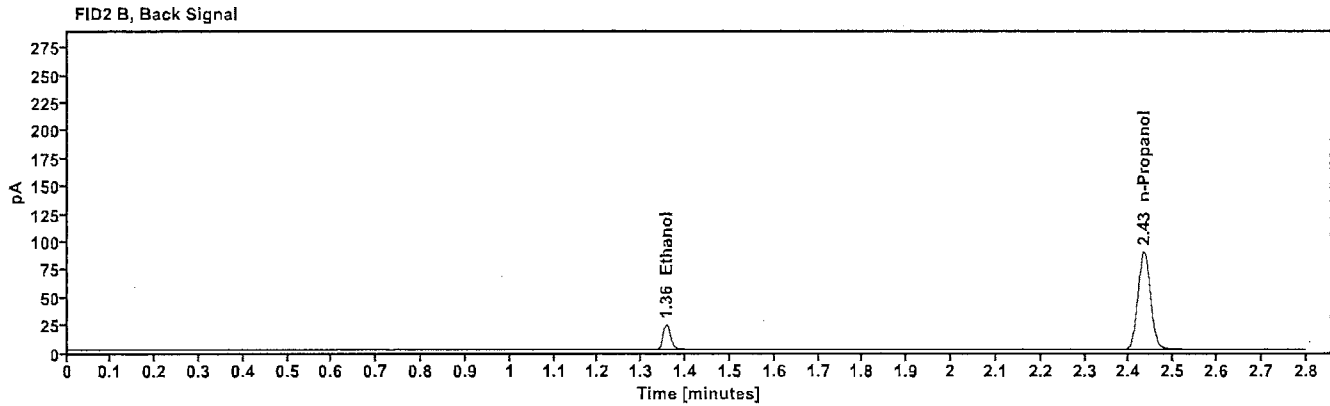
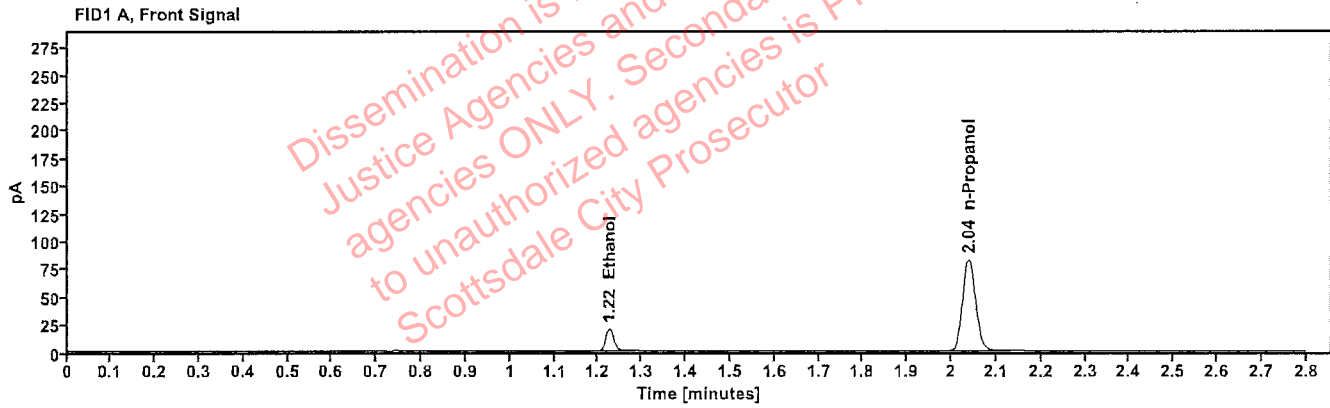


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0406	1.225	25.584
n-Propanol	---	2.039	165.082

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

Compound	Time (min)	Peak Area
Ethanol	1.356	27.405
n-Propanol	2.433	176.101

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4110320133/10	Vial: 44
Description: 0.199	LIMS ID:
Method: ethanol quant.M	Sequence: 07Aug23
Instrument: US14173023 CN14160045	Injection date: 8/7/2023 4:00:28 PM
Data file: C:\Chem32\1\Data\07Aug23\44.D	Analyst: Abbott

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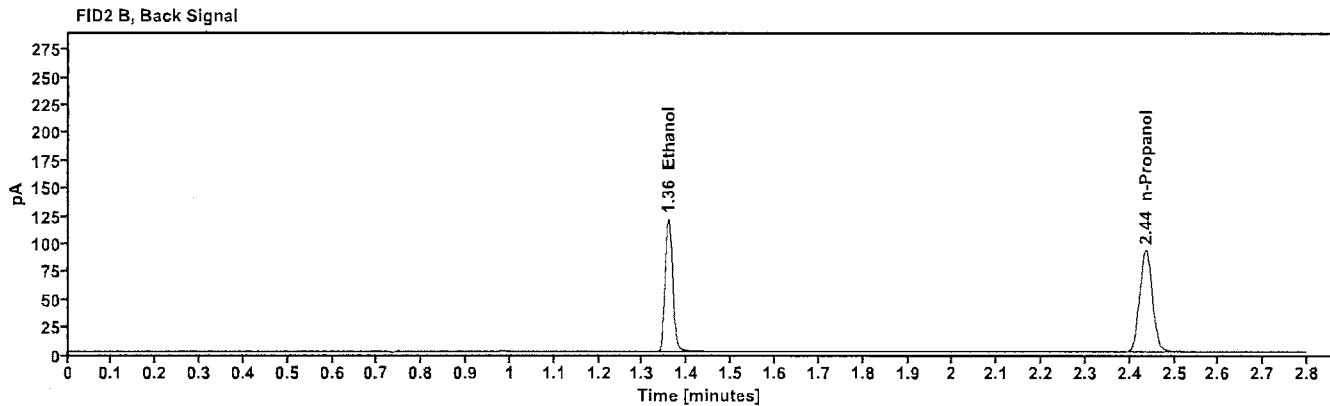
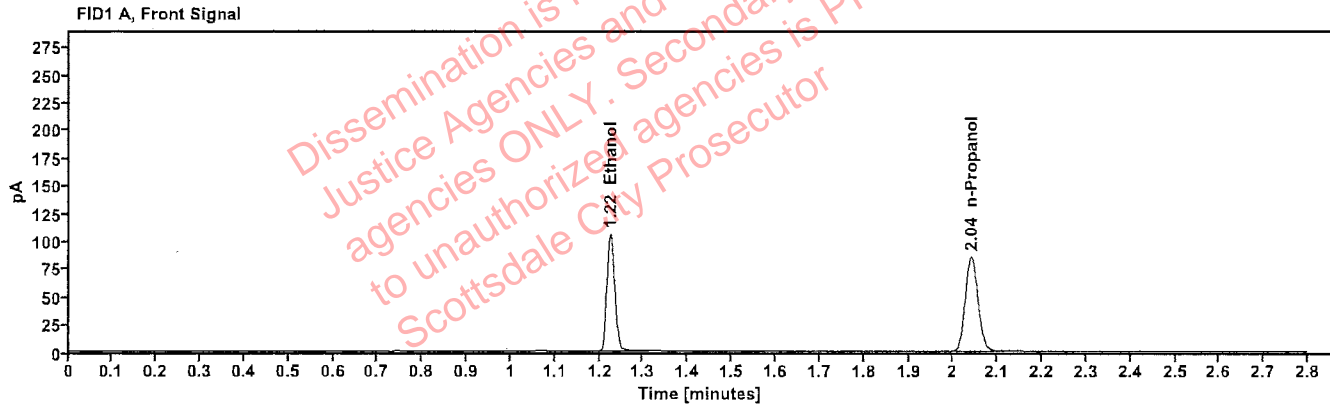


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2059	1.225	134.648
n-Propanol	----	2.041	170.511

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

Compound	Time (min)	Peak Area
Ethanol	1.358	144.460
n-Propanol	2.436	182.001

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	060223AQ	Vial:	45
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	07Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/7/2023 4:04:28 PM
Data file:	C:\Chem32\1\Data\07Aug23\45.D	Analyst:	Abbott

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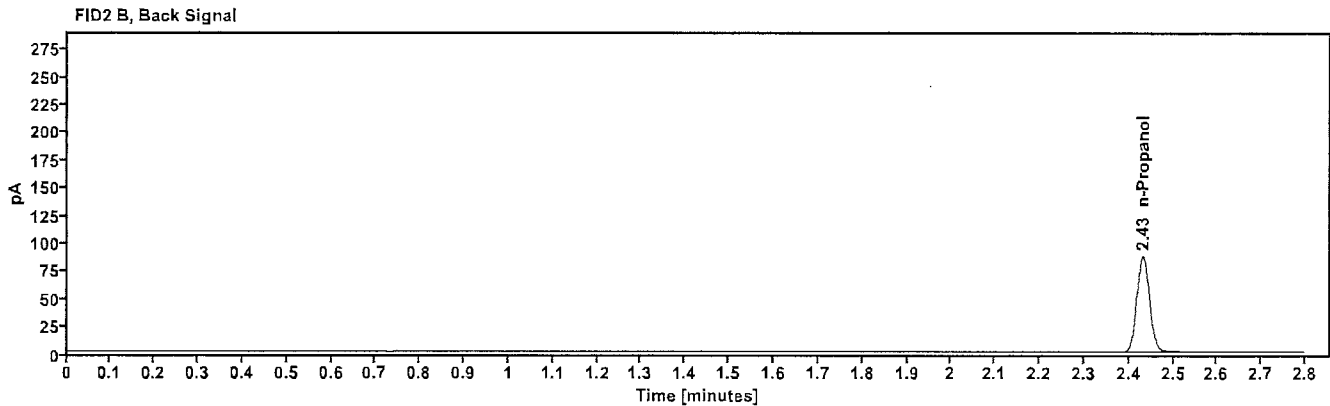
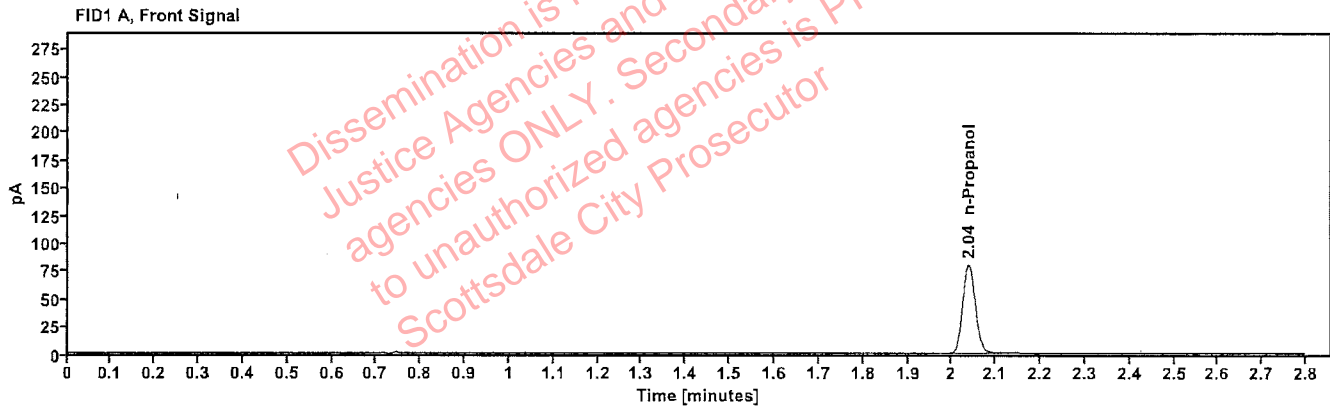


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.038	160.924

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

Compound	Time (min)	Peak Area
n-Propanol	2.432	171.686


Sequence Summary

Sequence name: 07Aug23 Instrument: US14173023 CN14160045 Analyst: Abbott *JA*

Vial	Sample	Description	Type	LIMS ID	Method
1	FN10051909	0.020 calibrator	Calibration		ethanol quant.M
2	FN05311902	0.100 calibrator	Calibration		ethanol quant.M
3	FN02052101	0.200 calibrator	Calibration		ethanol quant.M
4	FN03052102	0.400 calibrator	Calibration		ethanol quant.M
5	011823WB	Negative	Control		ethanol quant.M
6	050721MIX	Volatiles mix	Control		ethanol quant.M
7	30012020-A	0.400	Control		ethanol quant.M
8	14082019-B	0.040	Control		ethanol quant.M
9	4110320133/10	0.199	Control		ethanol quant.M
10	2301461-2		Sample		ethanol quant.M
11	2301461-2		Sample		ethanol quant.M
12	334-01D.Y.		Sample		ethanol quant.M
13	334-01D.Y.		Sample		ethanol quant.M
14	327-01J.W.		Sample		ethanol quant.M
15	327-01J.W.		Sample		ethanol quant.M
16	404-01I.R.		Sample		ethanol quant.M
17	404-01I.R.		Sample		ethanol quant.M
18	353-01R.N.		Sample		ethanol quant.M
19	353-01R.N.		Sample		ethanol quant.M
20	20012020-B	0.080	Control		ethanol quant.M
21	430-01D.P.		Sample		ethanol quant.M
22	430-01D.P.		Sample		ethanol quant.M
23	390-01B.S.		Sample		ethanol quant.M
24	390-01B.S.		Sample		ethanol quant.M
25	422-01K.P.		Sample		ethanol quant.M
26	422-01K.P.		Sample		ethanol quant.M
27	414-01I.M.		Sample		ethanol quant.M
28	414-01I.M.		Sample		ethanol quant.M
29	422-01M.F.		Sample		ethanol quant.M
30	422-01M.F.		Sample		ethanol quant.M
31	20012020-B	0.080	Control		ethanol quant.M
32	404-01A.D.		Sample		ethanol quant.M
33	404-01A.D.		Sample		ethanol quant.M
34	430-01R.M.		Sample		ethanol quant.M
35	430-01R.M.		Sample		ethanol quant.M
36	171-01M.L.		Sample		ethanol quant.M
37	171-01M.L.		Sample		ethanol quant.M
38	2315658-2		Sample		ethanol quant.M
39	2315658-2		Sample		ethanol quant.M
40	2315999-6		Sample		ethanol quant.M
41	2315999-6		Sample		ethanol quant.M
42	30012020-A	0.400	Control		ethanol quant.M
43	14082019-B	0.040	Control		ethanol quant.M
44	4110320133/10	0.199	Control		ethanol quant.M
45	060223AQ	Negative	Control		ethanol quant.M

Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 07Aug23

ANALYST: Abbott 

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.2425	0.2443	0.24340	0.37	0.00090
12 13	0.2471	0.2439	0.24550	0.65	0.00160
14 15	0.1313	0.1310	0.13115	0.11	0.00015
16 17	0.0240	0.0213	0.02265	5.96	0.00135
18 19	0.1080	0.1083	0.10815	0.14	0.00015
21 22	0.3188	0.3168	0.31780	0.31	0.00100
23 24	0.0536	0.0536	0.05360	0.00	0.00000
25 26	0.0831	0.0838	0.08345	0.42	0.00035
27 28	0.2269	0.2258	0.22635	0.24	0.00055
29 30	0.3030	0.3092	0.30610	1.01	0.00310
32 33	0.0984	0.0979	0.09815	0.25	0.00025
34 35	0.1586	0.1582	0.15840	0.13	0.00020
36 37	0.1395	0.1378	0.13865	0.61	0.00085
38 39	0.1321	0.1319	0.13200	0.08	0.00010
40 41	0.1247	0.1113	0.11800	5.68	0.00670

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

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2301461-2	Vial:	10
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	07Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/7/2023 1:42:58 PM
Data file:	C:\Chem32\1\Data\07Aug23\10.D	Analyst:	Abbott

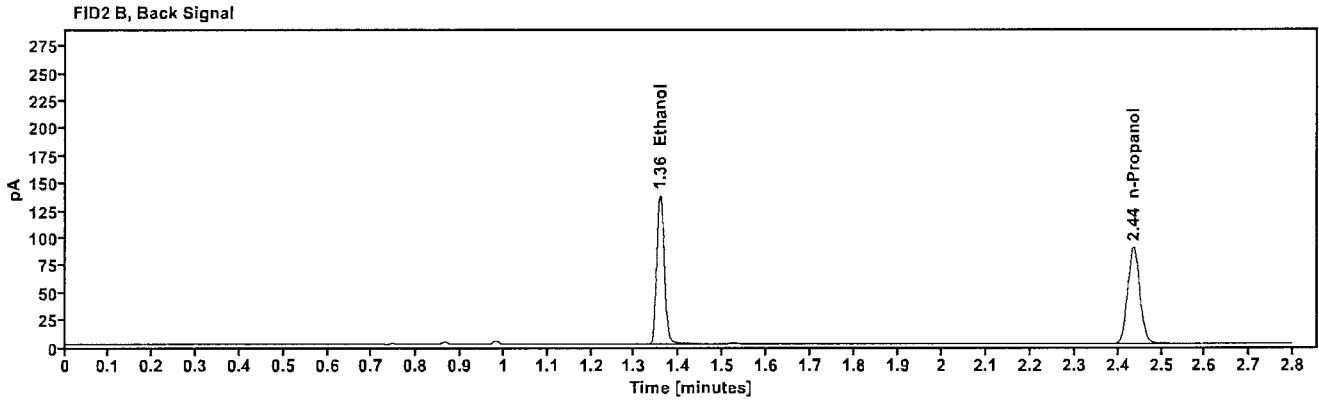
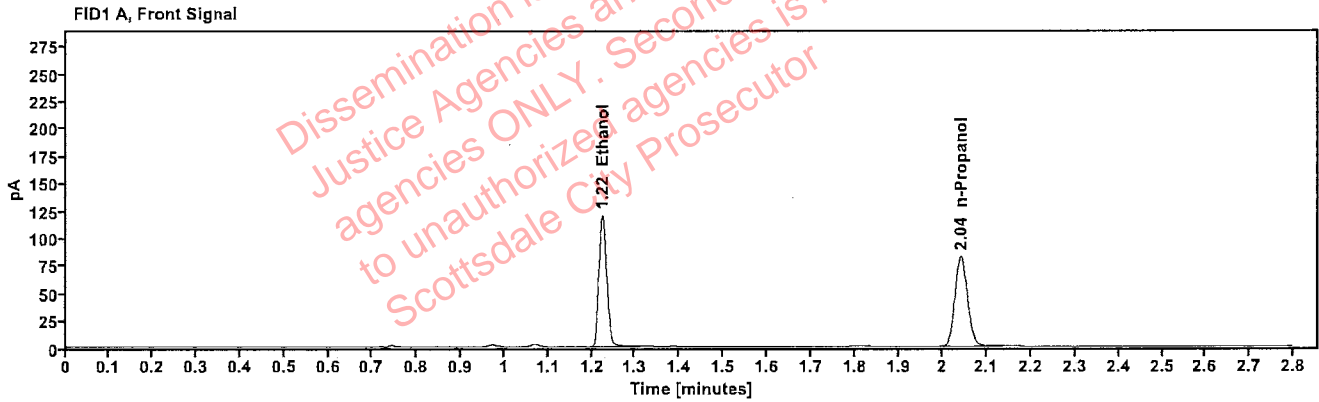


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2425	1.224	153.173
n-Propanol	-----	2.041	164.658

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

Compound	Time (min)	Peak Area
Ethanol	1.357	164.090
n-Propanol	2.435	175.461

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2301461-2	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/7/2023 1:46:57 PM
Data file:	C:\Chem32\1\Data\07Aug23\11.D	Analyst:	Abbott

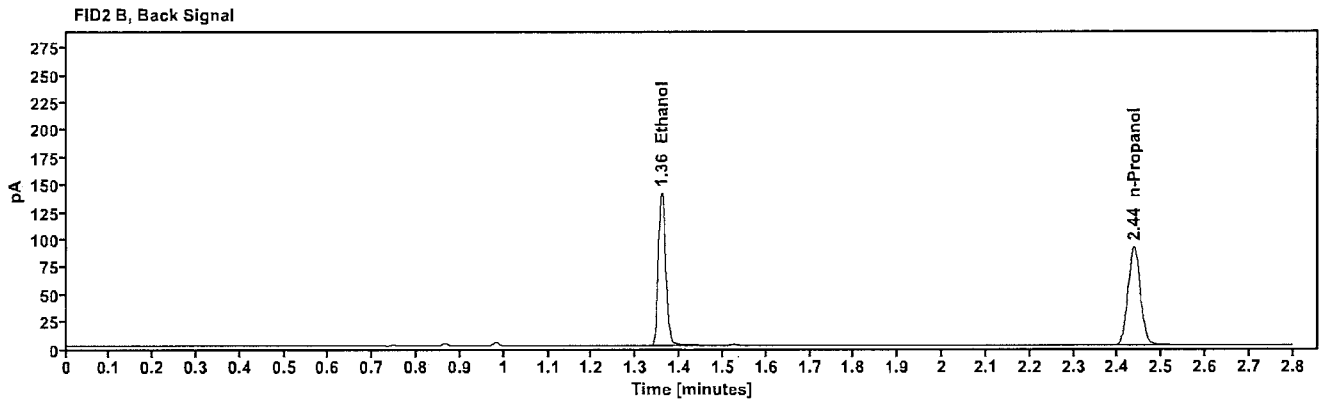
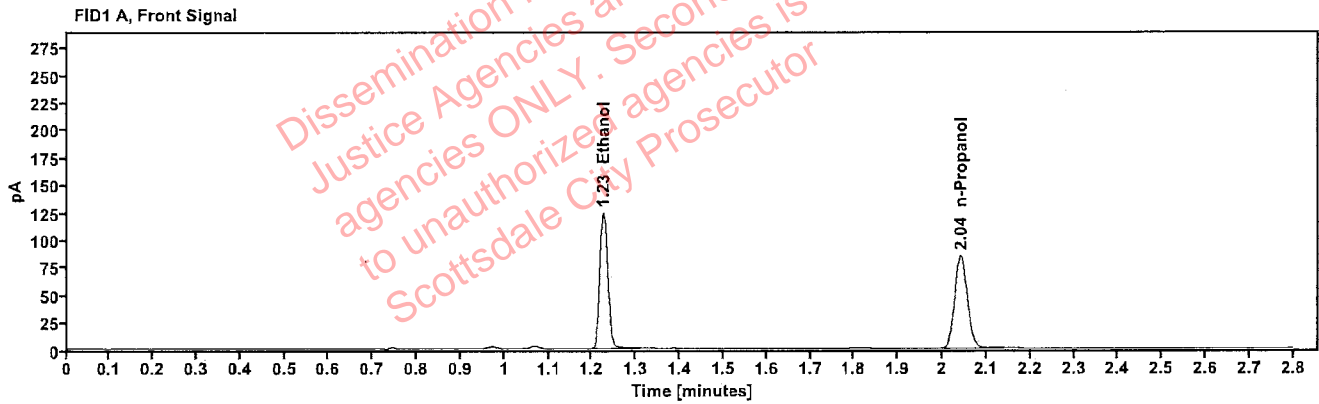


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2443	1.225	157.792
n-Propanol	-----	2.041	168.384

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

Compound	Time (min)	Peak Area
Ethanol	1.358	169.105
n-Propanol	2.436	179.395

[REDACTED] : Abbott, Lori - (08-Aug-2023)

Case: [REDACTED] User: LAbbott 8/8/2023

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	334-01D.Y.	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/7/2023 1:50:58 PM
Data file:	C:\Chem32\1\Data\07Aug23\12.D	Analyst:	Abbott

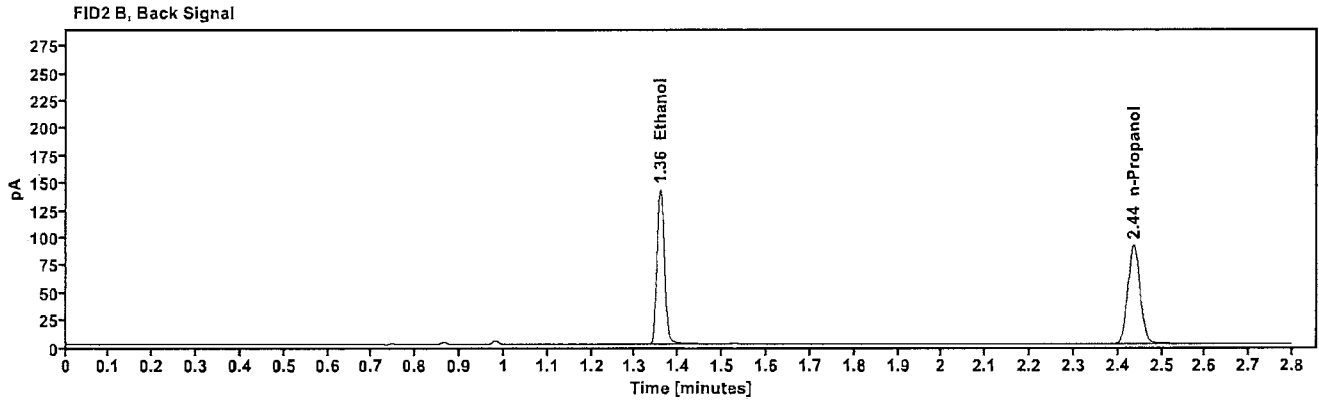
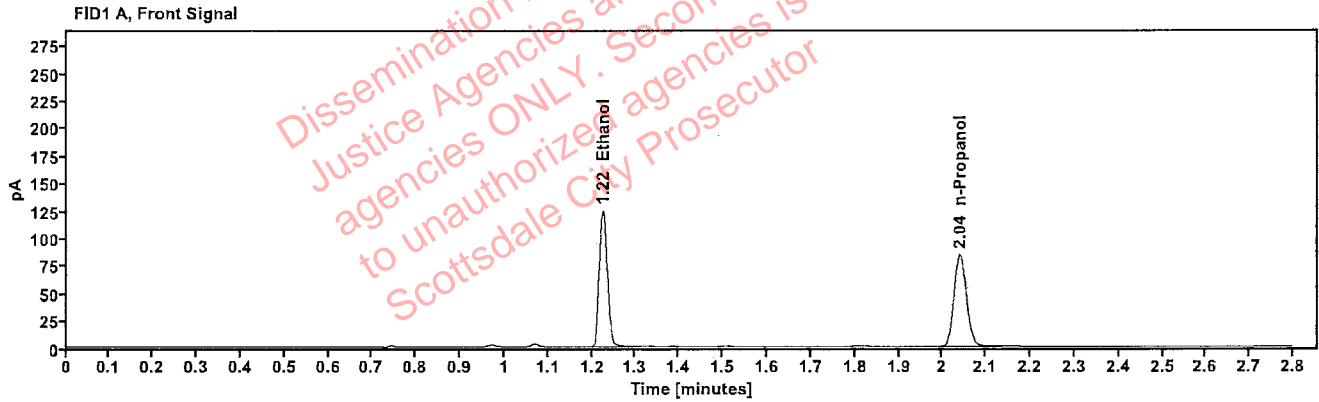


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2471	1.225	159.009
n-Propanol	-----	2.041	167.799

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

Compound	Time (min)	Peak Area
Ethanol	1.358	170.627
n-Propanol	2.436	178.874

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	334-01D.Y.	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/7/2023 1:55:13 PM
Data file:	C:\Chem32\1\Data\07Aug23\13.D	Analyst:	Abbott

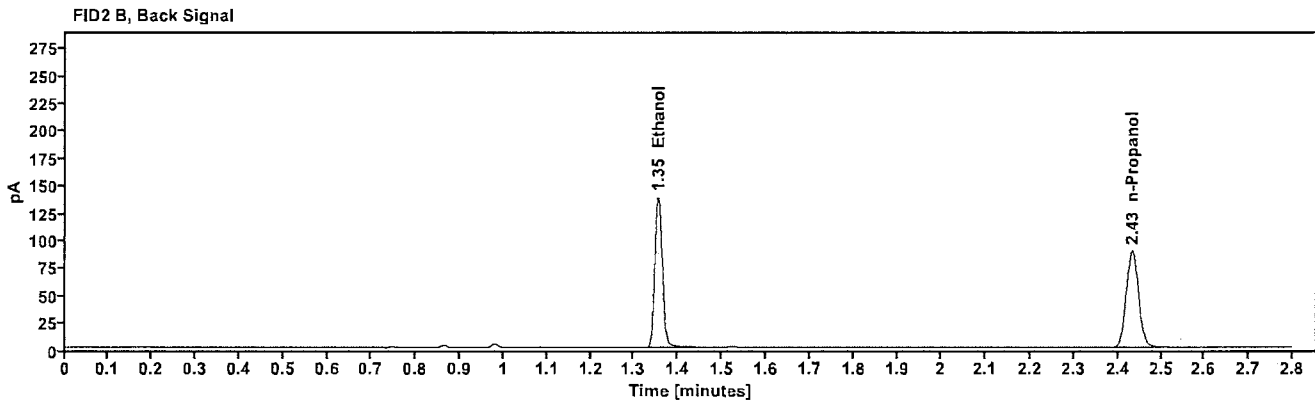
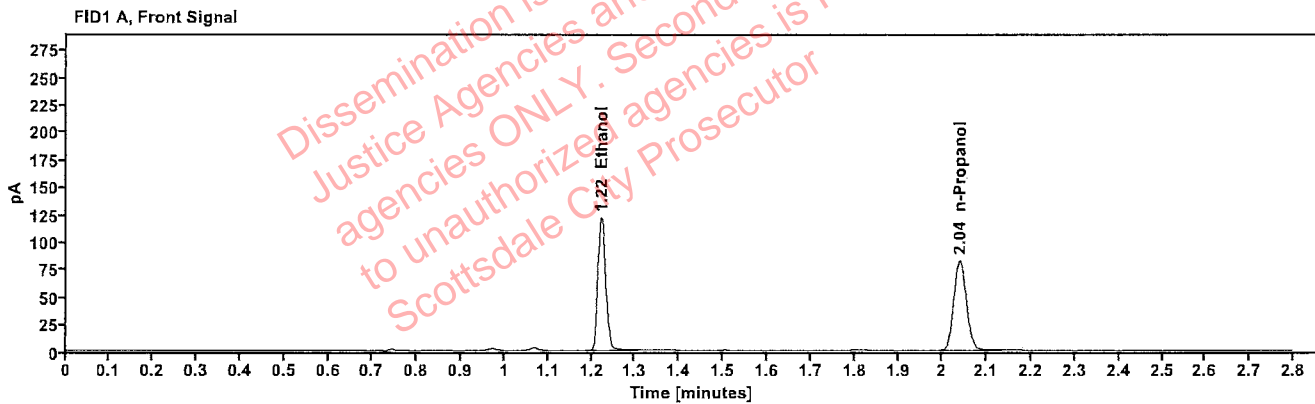


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2439	1.223	154.144
n-Propanol	-----	2.039	164.808

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

Compound	Time (min)	Peak Area
Ethanol	1.354	165.528
n-Propanol	2.433	175.831

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	327-01J.W.	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/7/2023 1:59:13 PM
Data file:	C:\Chem32\1\Data\07Aug23\14.D	Analyst:	Abbott

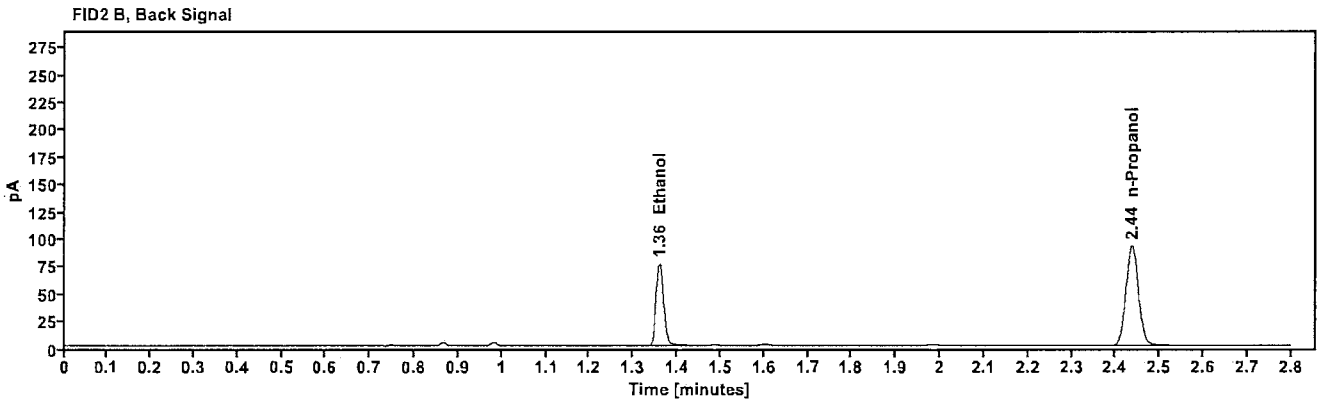
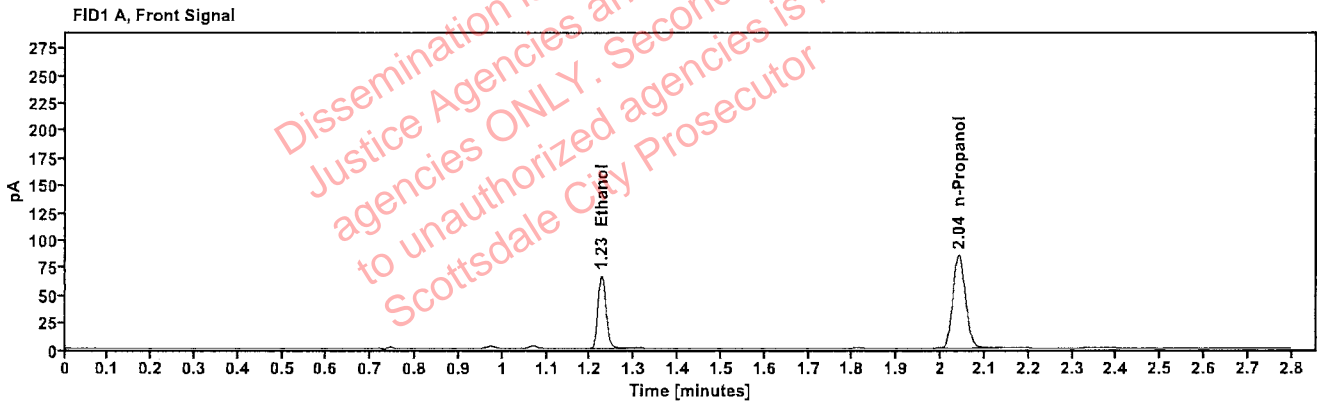


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1313	1.226	85.355
n-Propanol	-----	2.041	169.595

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

Compound	Time (min)	Peak Area
Ethanol	1.359	91.482
n-Propanol	2.437	181.370

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	327-01J.W.	Vial:	15
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	07Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/7/2023 2:03:13 PM
Data file:	C:\Chem32\1\Data\07Aug23\15.D	Analyst:	Abbott

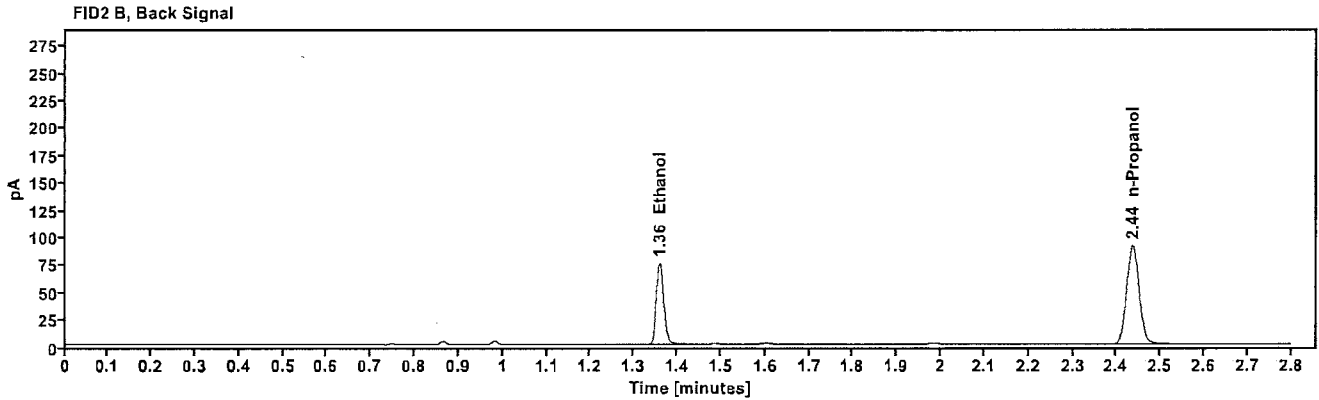
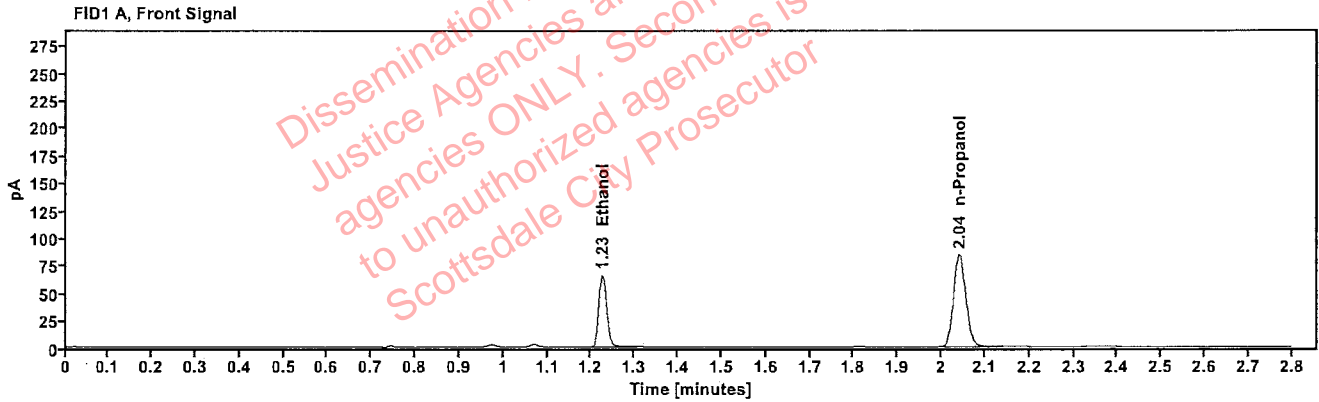


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1310	1.226	84.136
n-Propanol	-----	2.041	167.631

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

Compound	Time (min)	Peak Area
Ethanol	1.359	90.205
n-Propanol	2.436	179.309

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	404-011.R.	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/7/2023 2:07:12 PM
Data file:	C:\Chem32\1\Data\07Aug23\16.D	Analyst:	Abbott

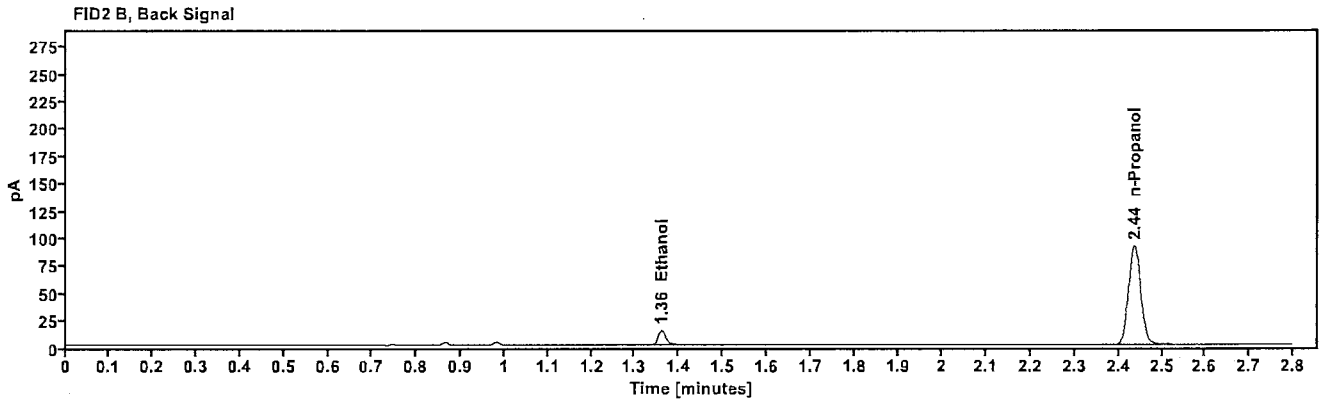
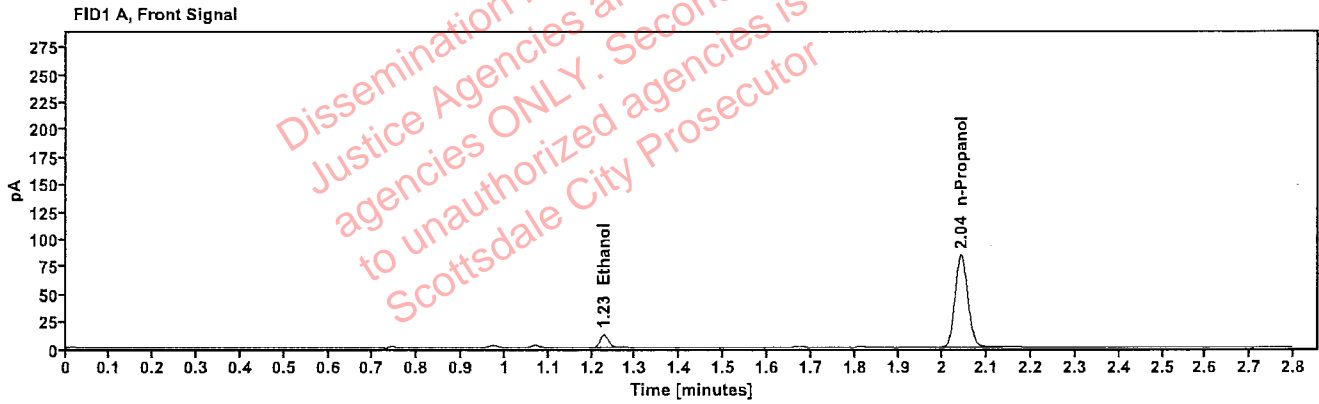


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0240	1.228	15.390
n-Propanol	-----	2.041	168.548

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

Compound	Time (min)	Peak Area
Ethanol	1.360	16.763
n-Propanol	2.437	179.870

[REDACTED]: Abbott, Lori - (08-Aug-2023)

Case: [REDACTED] User: LAbbott 8/8/2023

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	404-011.R.	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/7/2023 2:11:13 PM
Data file:	C:\Chem32\1\Data\07Aug23\17.D	Analyst:	Abbott

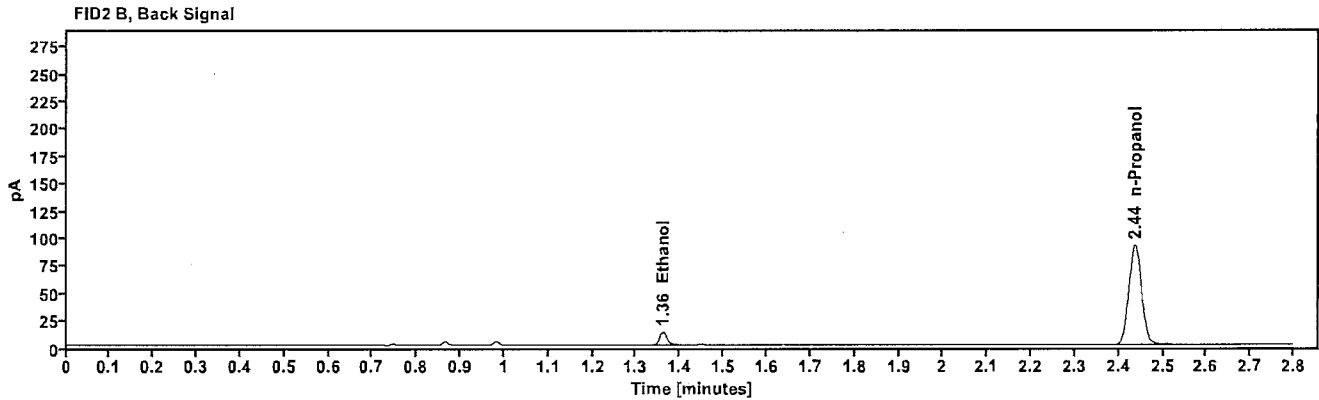
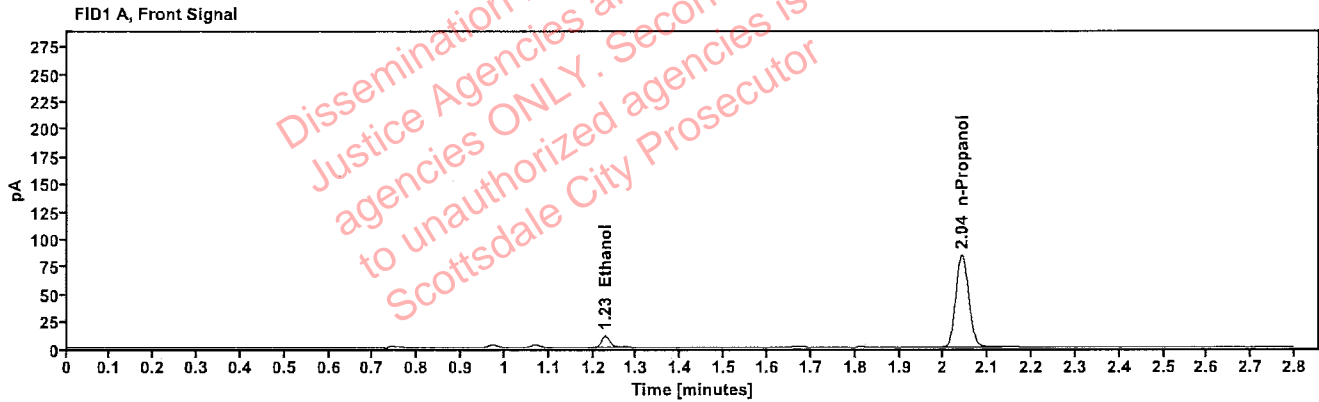


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0213	1.228	13.680
n-Propanol	-----	2.041	169.082

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

Compound	Time (min)	Peak Area
Ethanol	1.360	14.851
n-Propanol	2.436	180.340

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	353-01R.N.	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/7/2023 2:15:12 PM
Data file:	C:\Chem32\1\Data\07Aug23\18.D	Analyst:	Abbott

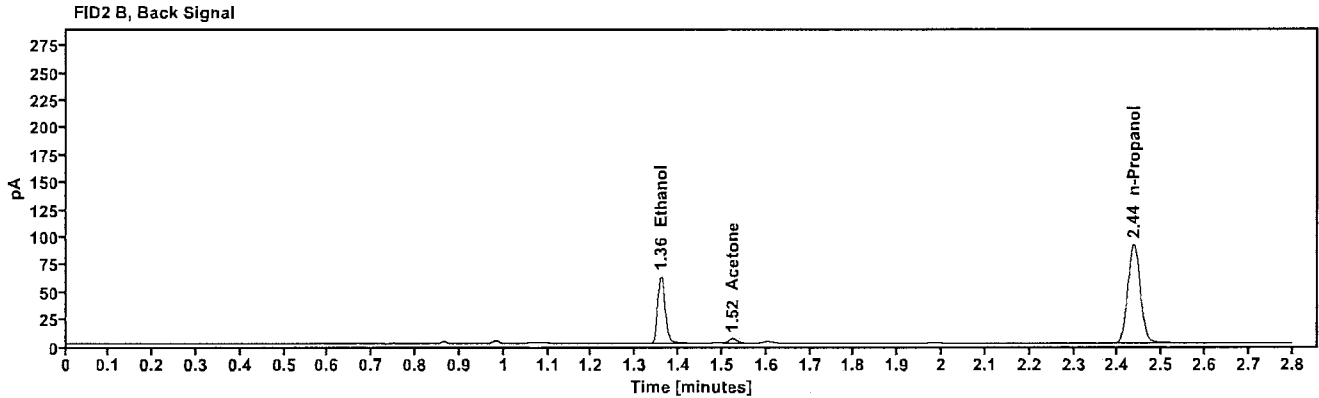
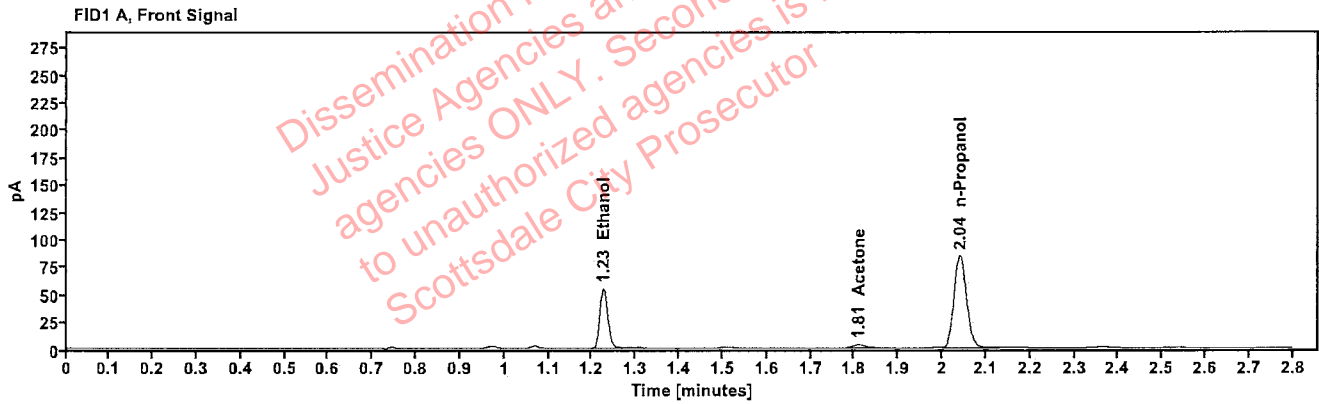


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1080	1.226	69.850
Acetone	-----	1.809	5.348
n-Propanol	-----	2.041	168.805

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

Compound	Time (min)	Peak Area
Ethanol	1.359	74.877
Acetone	1.523	5.729
n-Propanol	2.436	179.676

Abbott, Lori - (08-Aug-2023)

Case: User: LAbbott 8/8/2023

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	353-01R.N.	Vial:	19
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	07Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/7/2023 2:19:28 PM
Data file:	C:\Chem32\1\Data\07Aug23\19.D	Analyst:	Abbott

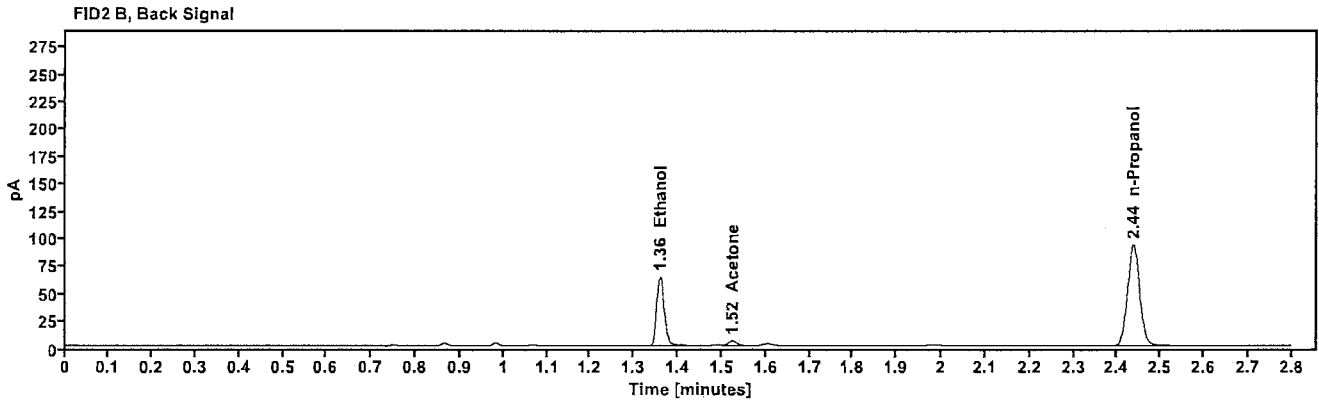
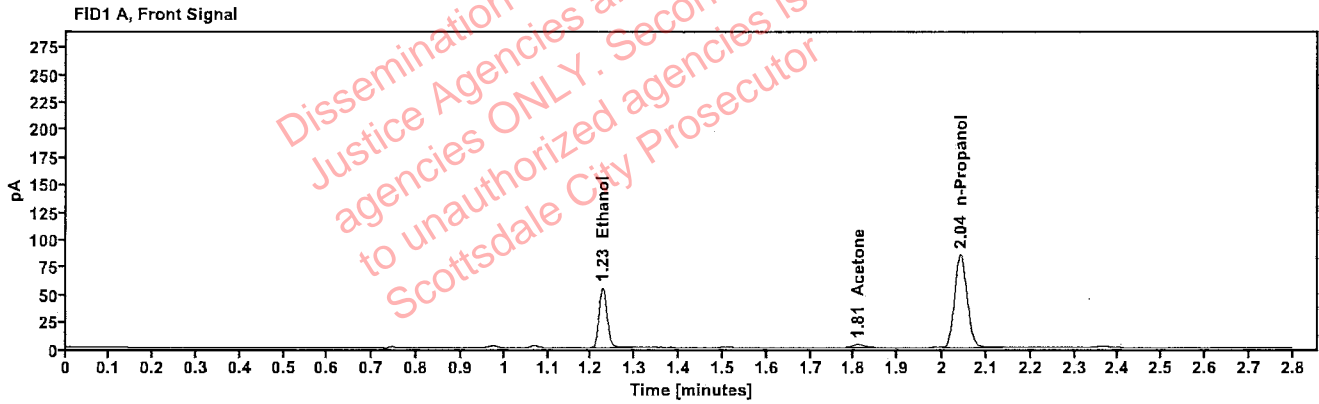


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1083	1.226	71.074
Acetone	-----	1.809	5.380
n-Propanol	-----	2.041	171.292

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

Compound	Time (min)	Peak Area
Ethanol	1.359	76.452
Acetone	1.524	5.729
n-Propanol	2.437	182.607

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	430-01D.P.	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/7/2023 2:27:28 PM
Data file:	C:\Chem32\1\Data\07Aug23\21.D	Analyst:	Abbott

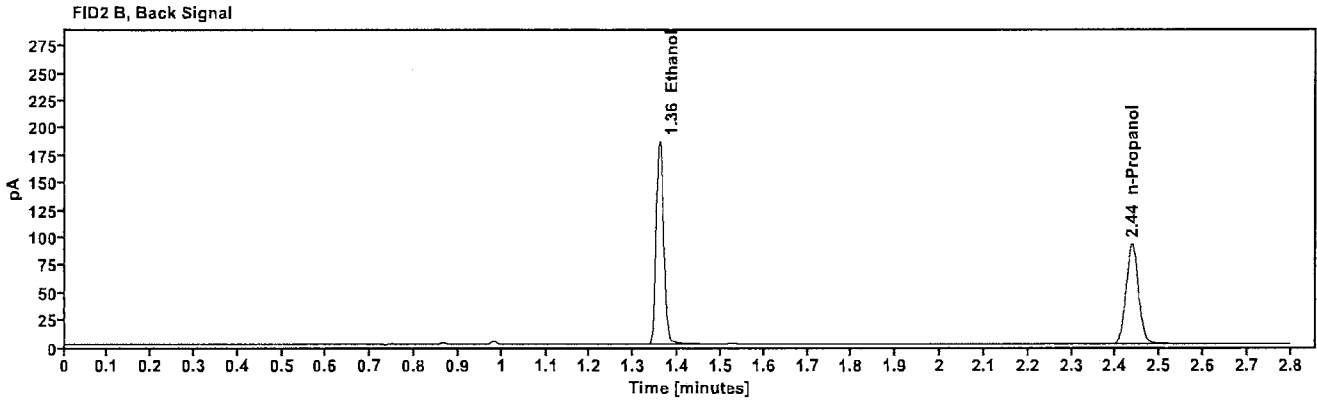
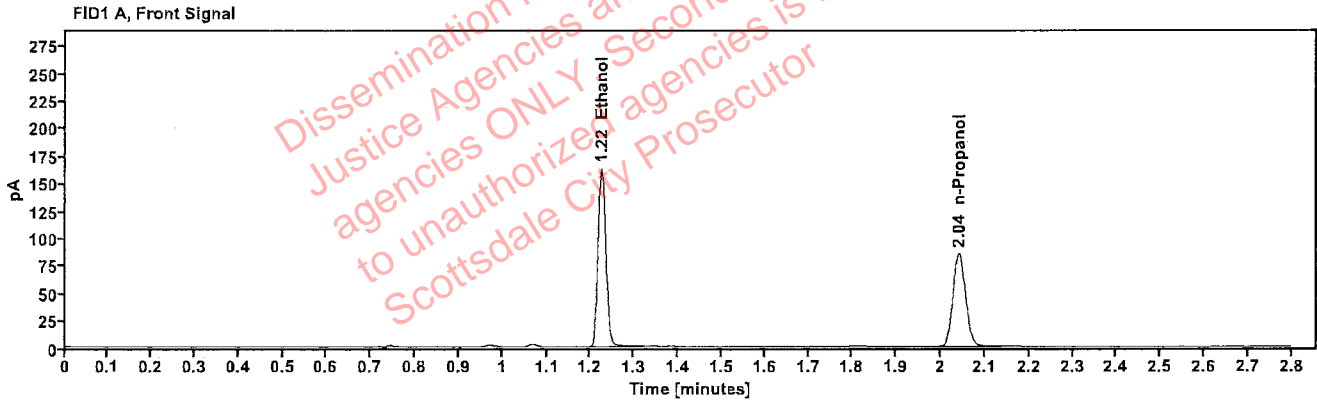


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3188	1.225	208.126
n-Propanol	-----	2.041	170.167

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

Compound	Time (min)	Peak Area
Ethanol	1.358	223.990
n-Propanol	2.437	181.351

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	430-01D.P.	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/7/2023 2:31:27 PM
Data file:	C:\Chem32\1\Data\07Aug23\22.D	Analyst:	Abbott

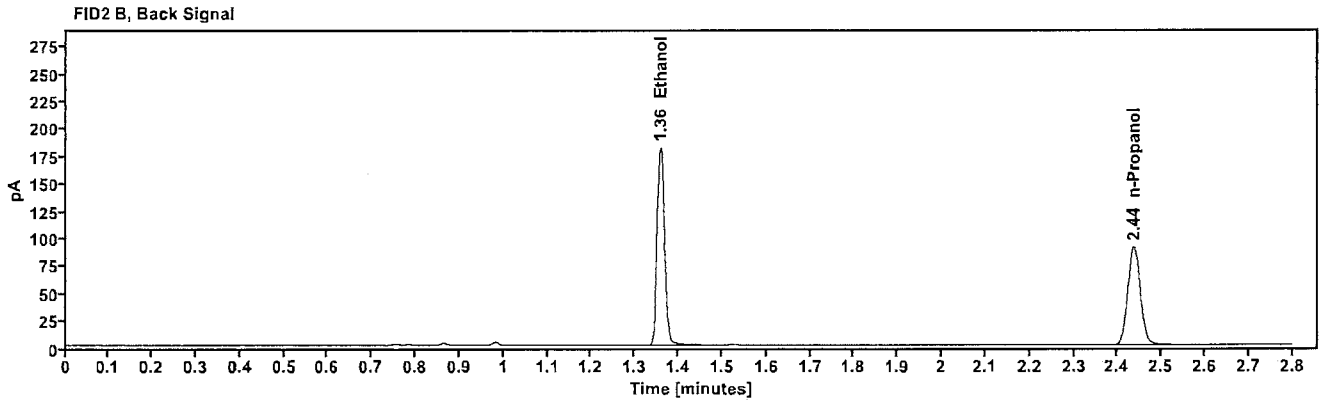
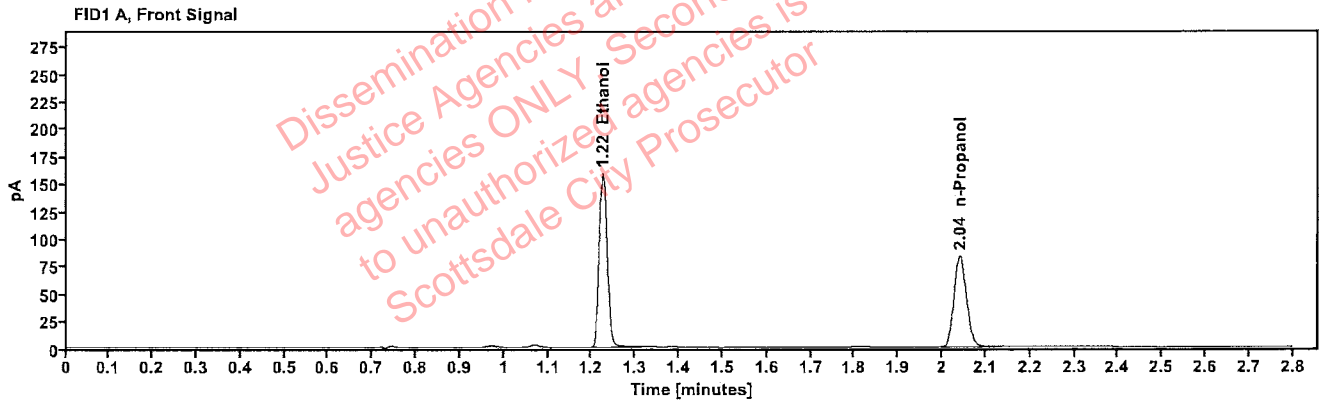


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3168	1.225	202.718
n-Propanol	-----	2.041	166.820

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

Compound	Time (min)	Peak Area
Ethanol	1.358	218.241
n-Propanol	2.436	177.919

[REDACTED]: Abbott, Lori - (08-Aug-2023)

Case: [REDACTED] User: LAbbott 8/8/2023

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	390-01B.S.	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/7/2023 2:35:28 PM
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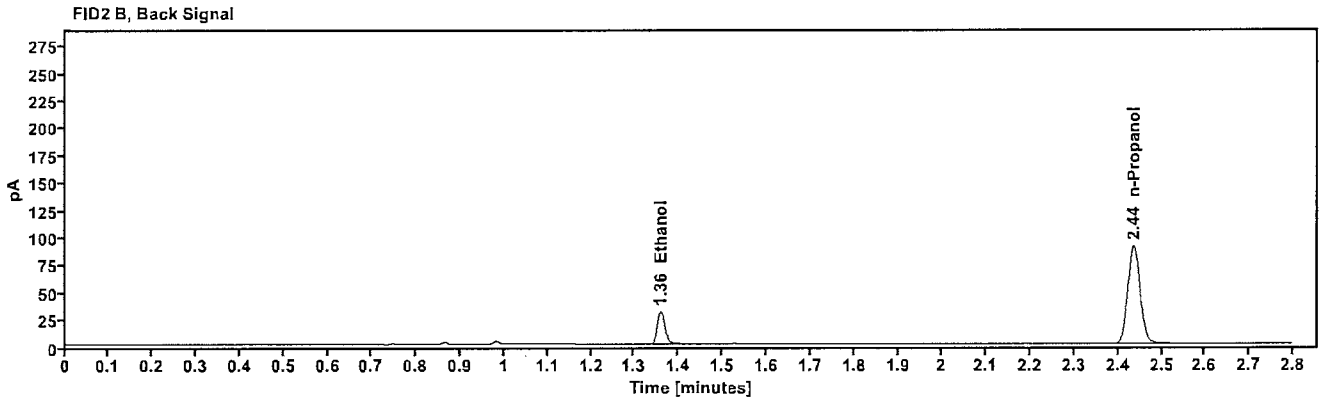
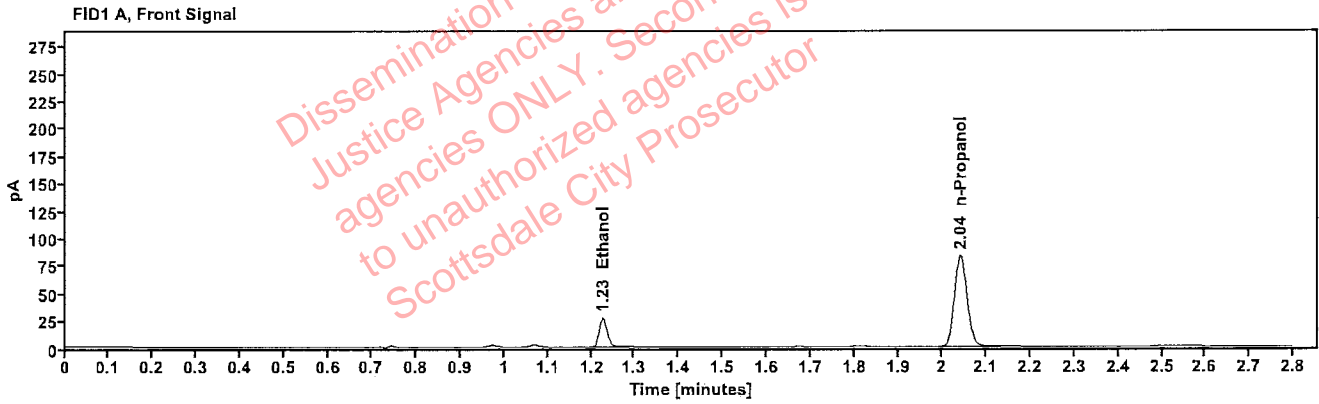


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0536	1.226	34.086
n-Propanol	---	2.041	166.213

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

Compound	Time (min)	Peak Area
Ethanol	1.359	36.670
n-Propanol	2.436	177.352

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	390-01B.S.	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/7/2023 2:39:27 PM
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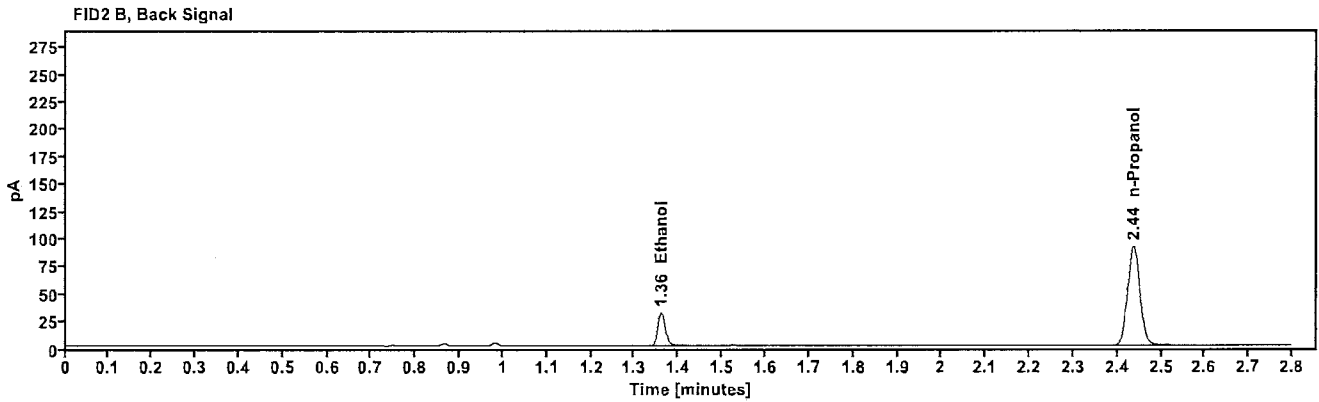
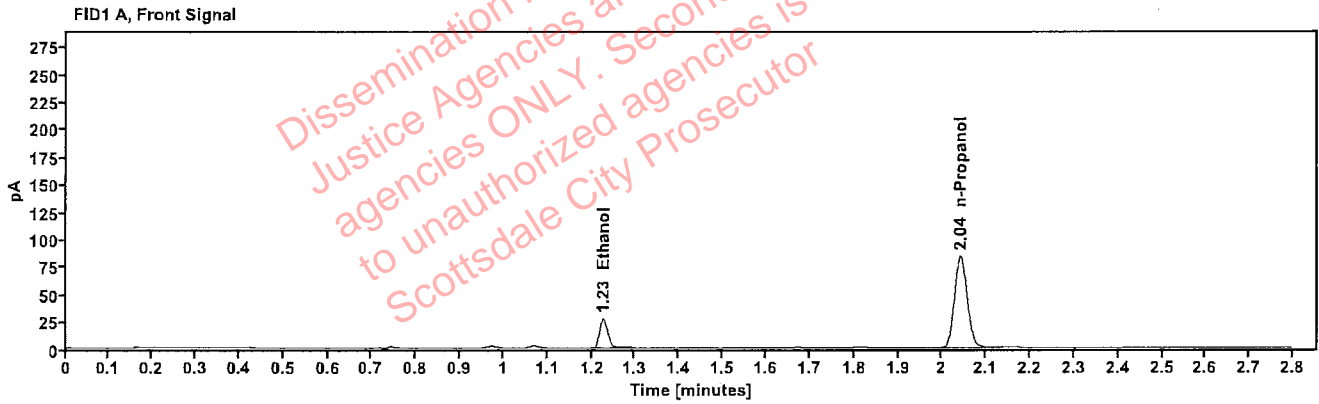


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0536	1.227	34.423
n-Propanol	-----	2.042	167.905

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

Compound	Time (min)	Peak Area
Ethanol	1.360	37.304
n-Propanol	2.437	179.245

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	422-01K.P.	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/7/2023 2:43:43 PM
Data file:	C:\Chem32\1\Data\07Aug23\25.D	Analyst:	Abbott

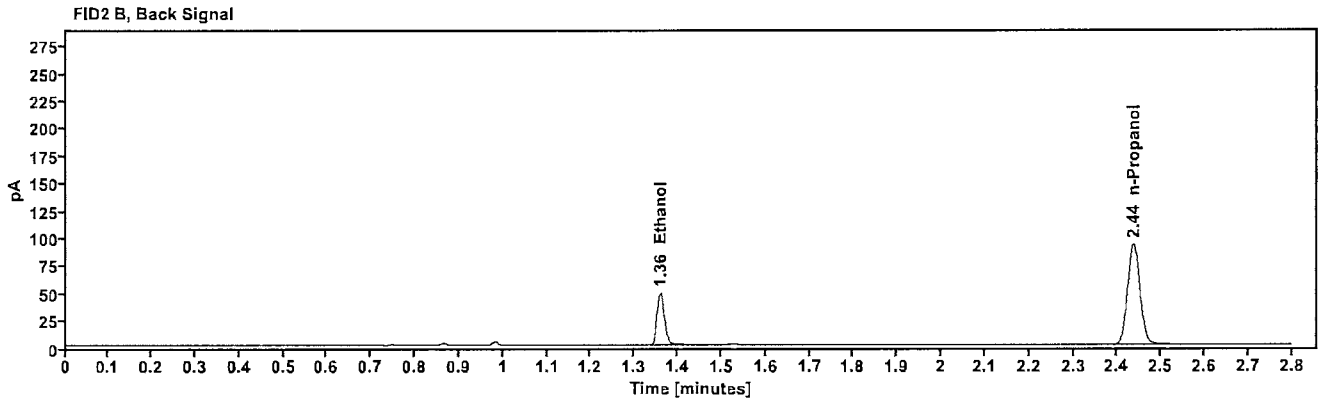
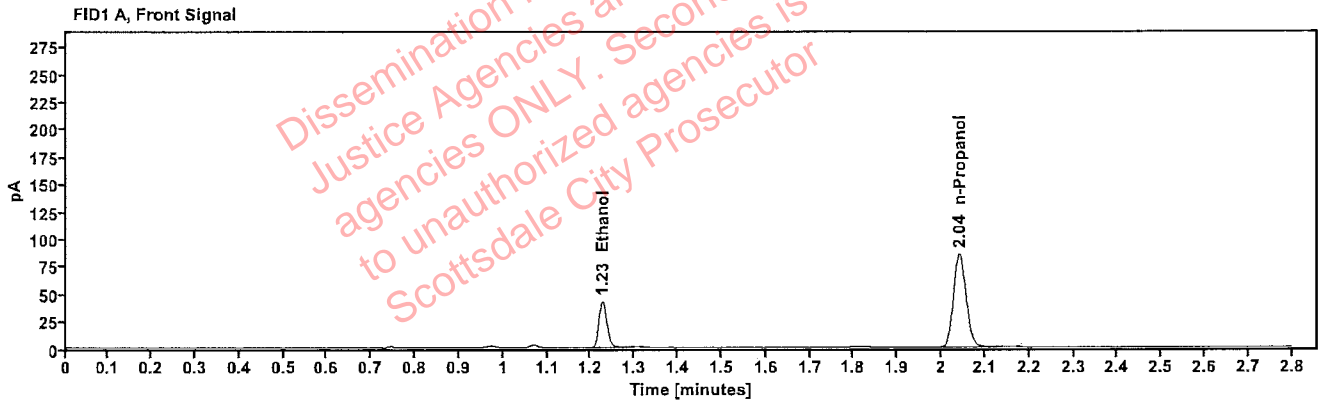


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0831	1.226	54.400
n-Propanol	-----	2.042	170.993

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

Compound	Time (min)	Peak Area
Ethanol	1.360	58.221
n-Propanol	2.437	182.573

[REDACTED] : Abbott, Lori - (08-Aug-2023)

Case: [REDACTED] User: LAbbott 8/8/2023

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	422-01K.P.	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/7/2023 2:47:43 PM
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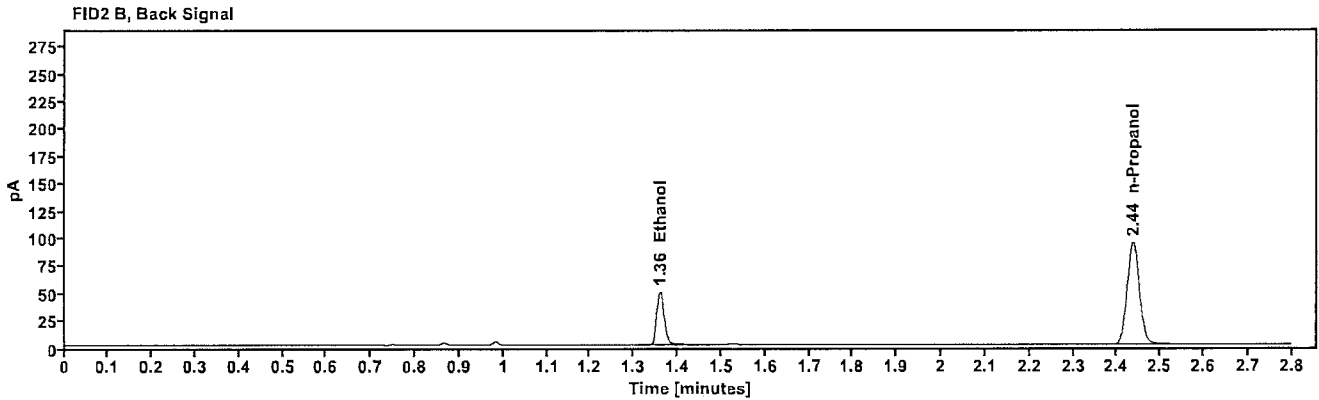
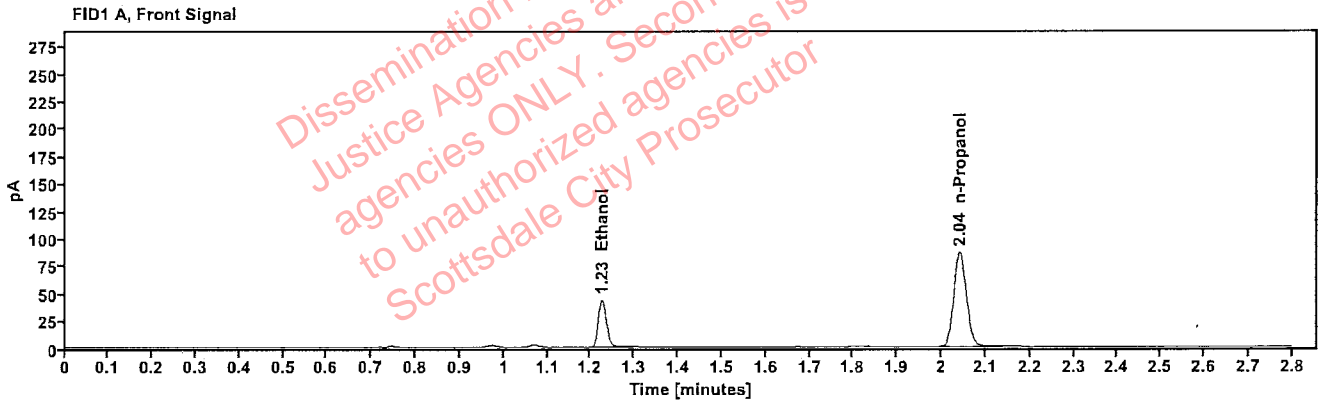


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0838	1.226	55.599
n-Propanol	-----	2.041	173.347

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

Compound	Time (min)	Peak Area
Ethanol	1.359	59.341
n-Propanol	2.437	184.902

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	414-011.M.	Vial:	27
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	07Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/7/2023 2:51:43 PM
Data file:	C:\Chem32\1\Data\07Aug23\27.D	Analyst:	Abbott

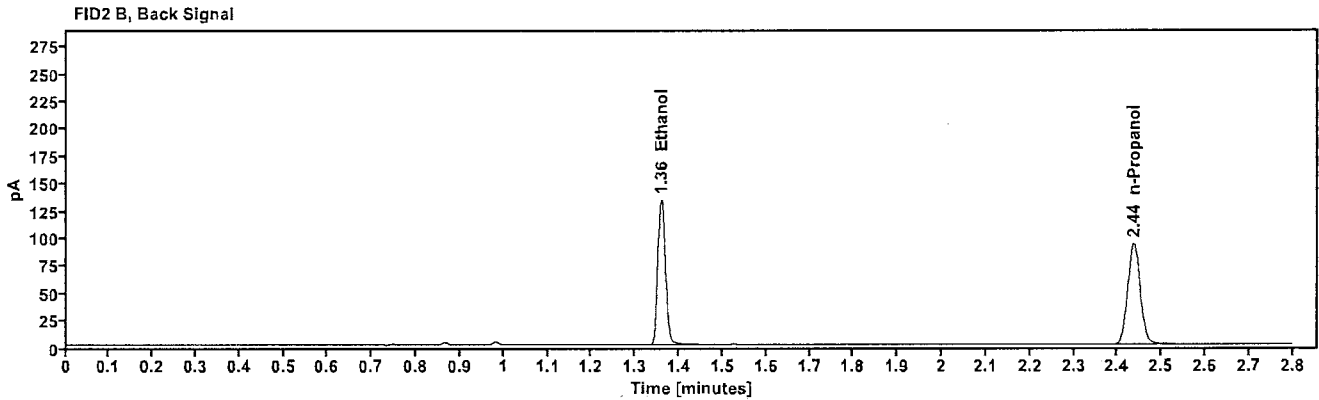
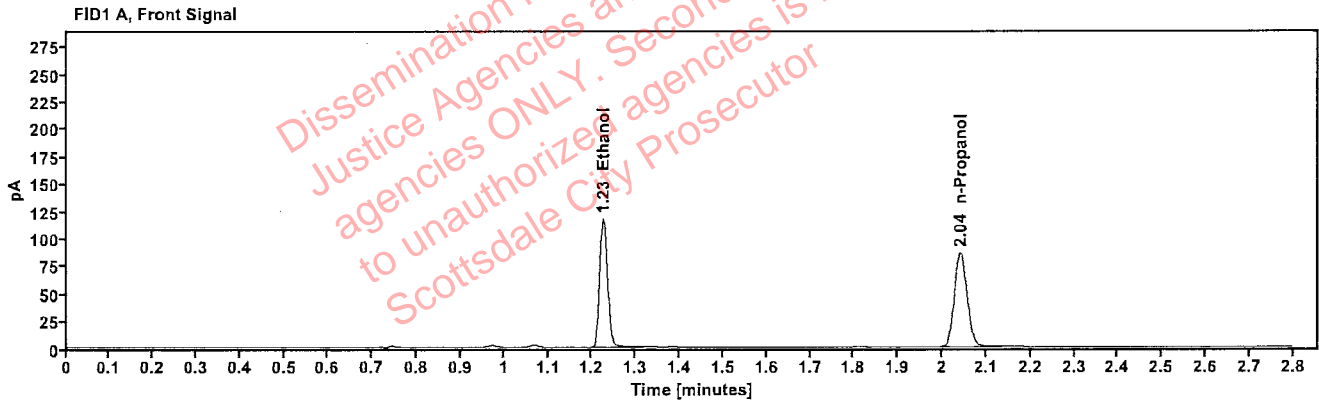


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2269	1.225	149.498
n-Propanol	-----	2.041	171.818

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

Compound	Time (min)	Peak Area
Ethanol	1.359	160.184
n-Propanol	2.436	182.725

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	414-011.M.	Vial:	28
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	07Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/7/2023 2:55:42 PM
Data file:	C:\Chem32\1\Data\07Aug23\28.D	Analyst:	Abbott

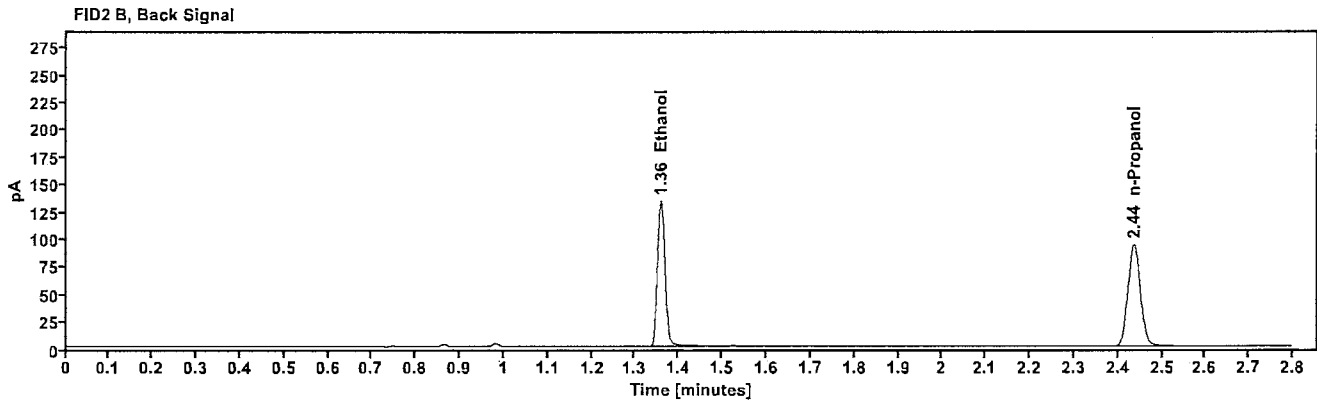
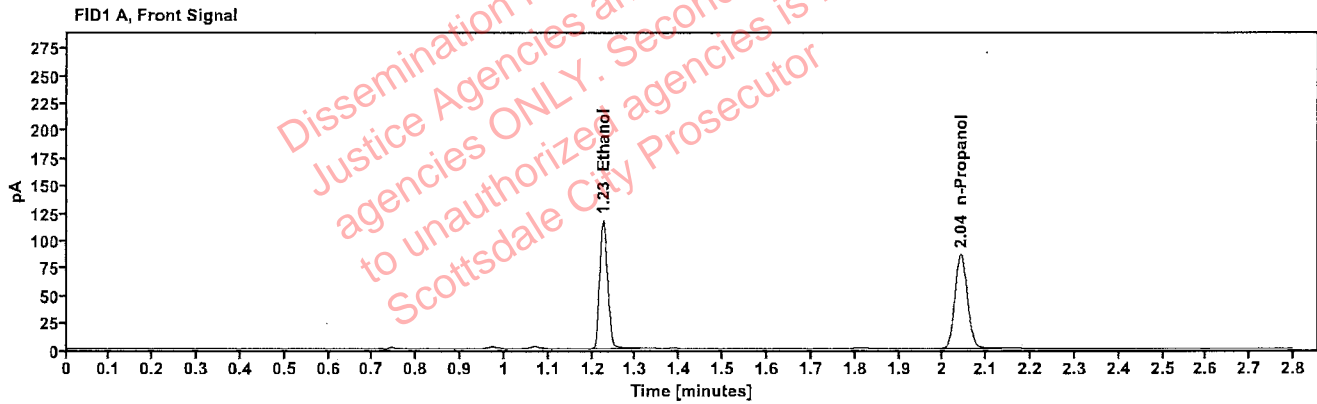


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2258	1.225	150.363
n-Propanol	-----	2.041	173.618

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

Compound	Time (min)	Peak Area
Ethanol	1.359	160.636
n-Propanol	2.436	184.472

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	422-01M.F.	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/7/2023 2:59:43 PM
Data file:	C:\Chem32\1\Data\07Aug23\29.D	Analyst:	Abbott

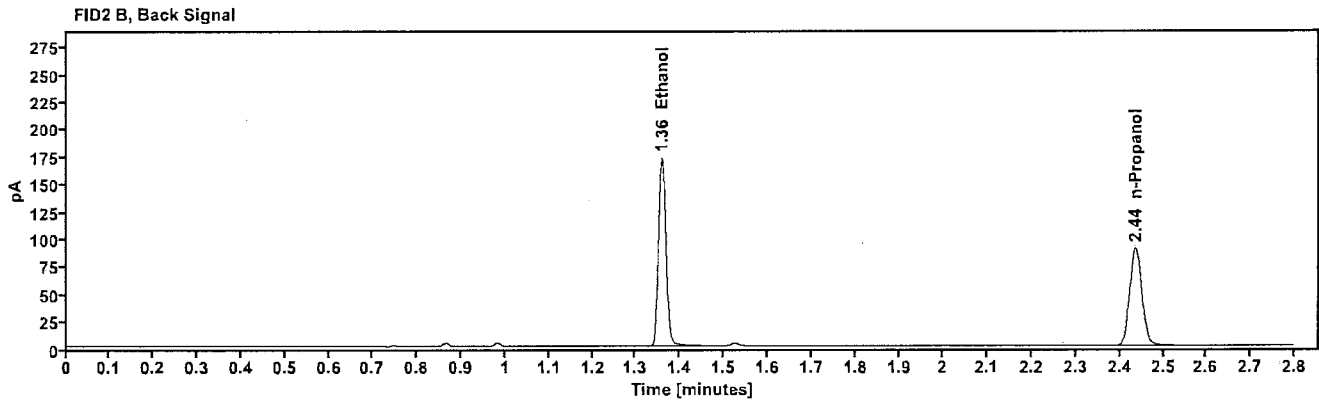
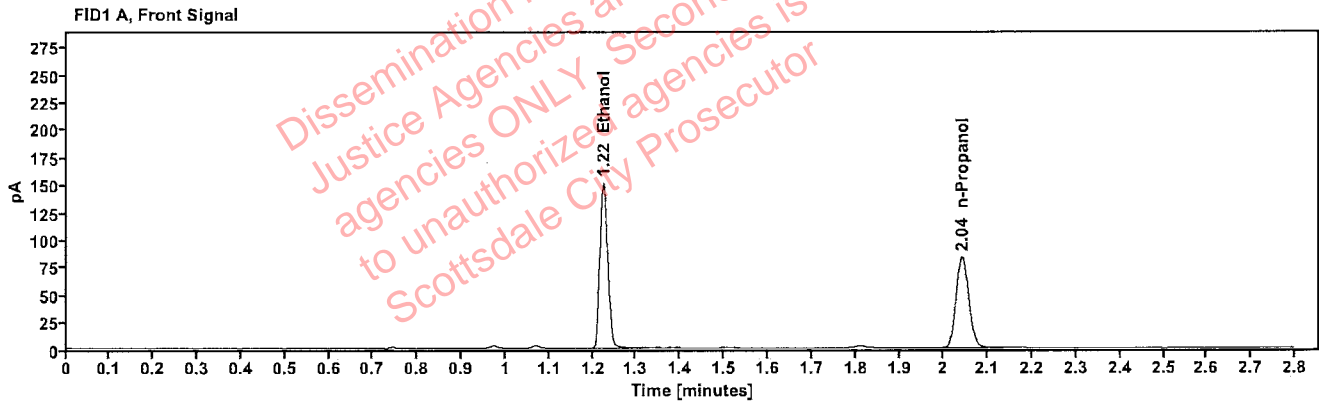


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3030	1.225	193.329
n-Propanol	---	2.041	166.322

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

Compound	Time (min)	Peak Area
Ethanol	1.358	207.226
n-Propanol	2.436	176.624

[REDACTED]: Abbott, Lori - (08-Aug-2023)

Case: [REDACTED] User: LAbbott 8/8/2023

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	422-01M.F.	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/7/2023 3:03:43 PM
Data file:	C:\Chem32\1\Data\07Aug23\30.D	Analyst:	Abbott

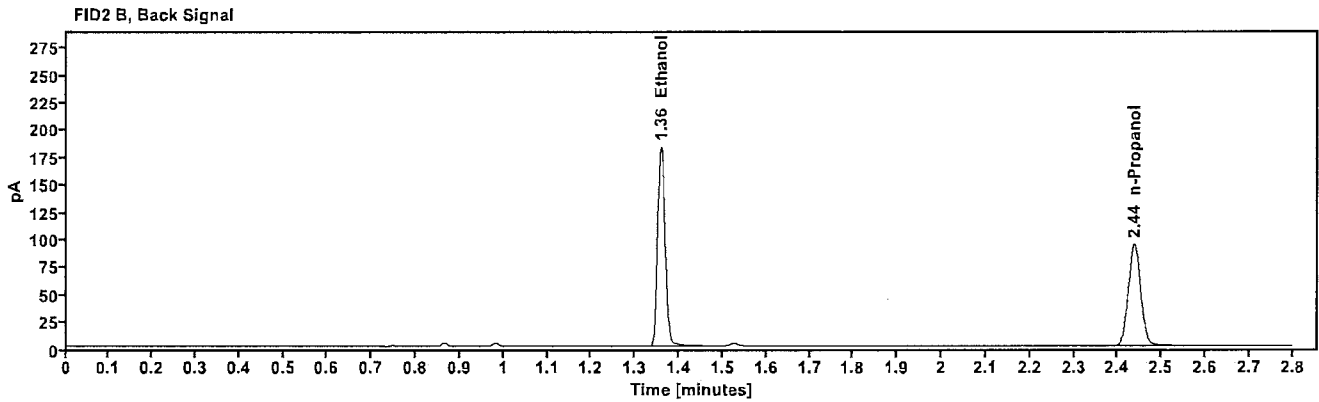
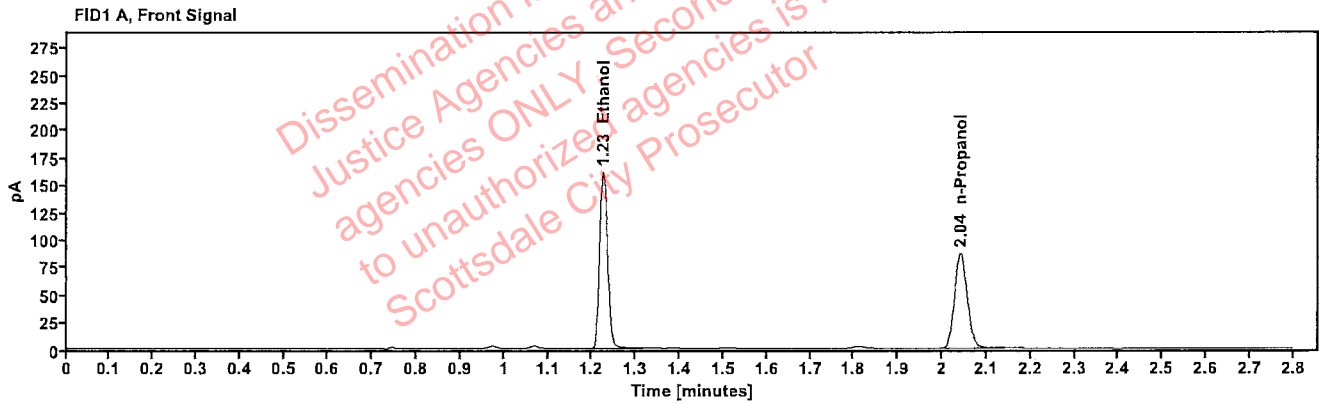


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3092	1.225	205.513
n-Propanol	---	2.041	173.247

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

Compound	Time (min)	Peak Area
Ethanol	1.359	220.681
n-Propanol	2.437	184.185

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	404-01A.D.	Vial:	32
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	07Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/7/2023 3:11:57 PM
Data file:	C:\Chem32\1\Data\07Aug23\32.D	Analyst:	Abbott

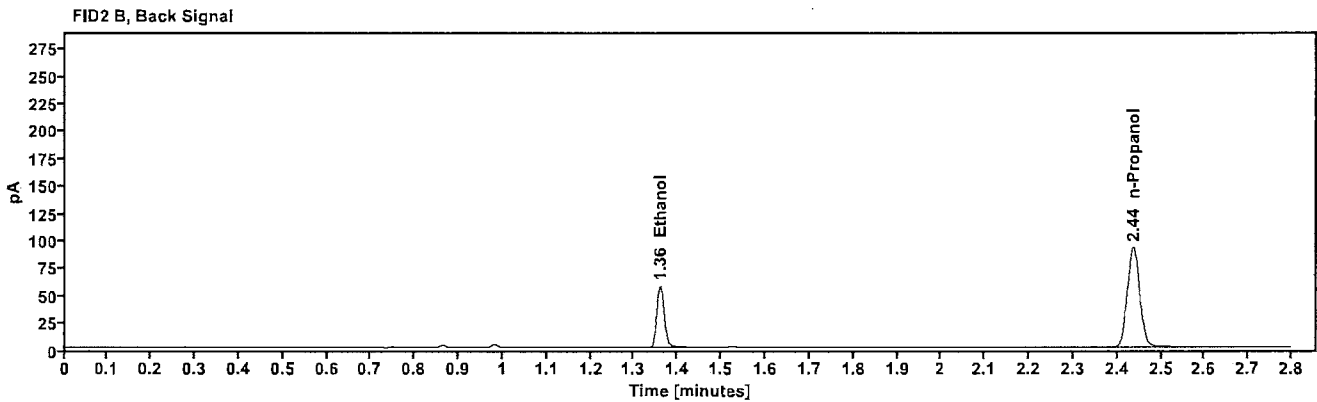
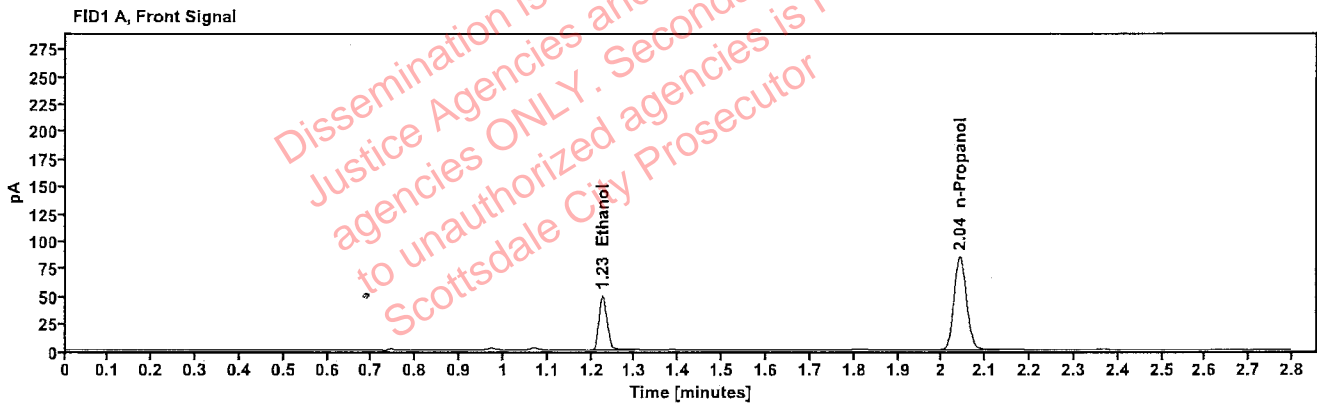


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0984	1.226	64.135
n-Propanol	----	2.041	170.245

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

Compound	Time (min)	Peak Area
Ethanol	1.359	68.476
n-Propanol	2.437	181.677

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	404-01A.D.	Vial:	33
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	07Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/7/2023 3:15:58 PM
Data file:	C:\Chem32\1\Data\07Aug23\33.D	Analyst:	Abbott

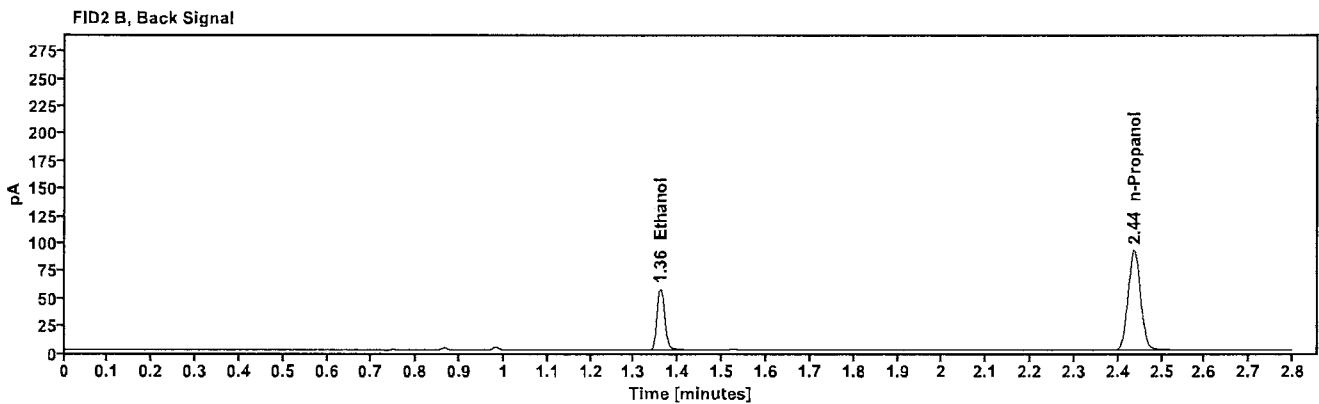
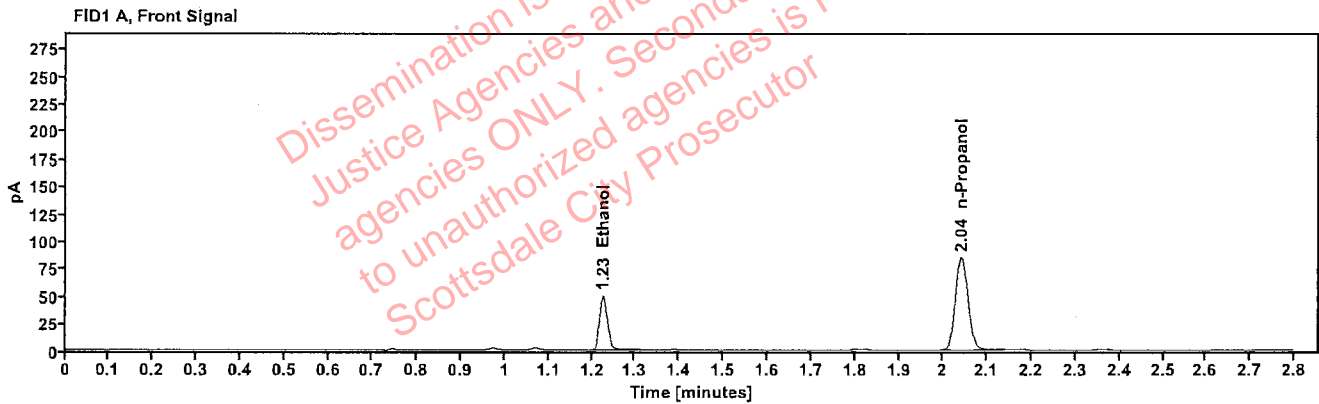


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0979	1.226	63.593
n-Propanol	----	2.041	169.577

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

Compound	Time (min)	Peak Area
Ethanol	1.359	67.825
n-Propanol	2.436	181.085

Abbott, Lori - (08-Aug-2023)

Case: User: LAbbott 8/8/2023

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	430-01R.M.	Vial:	34
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	07Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/7/2023 3:19:58 PM
Data file:	C:\Chem32\1\Data\07Aug23\34.D	Analyst:	Abbott

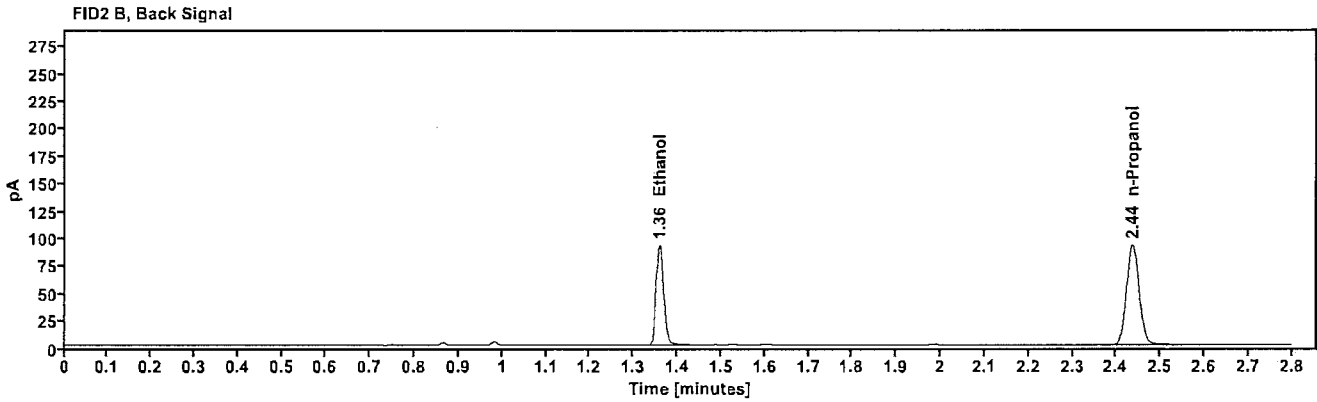
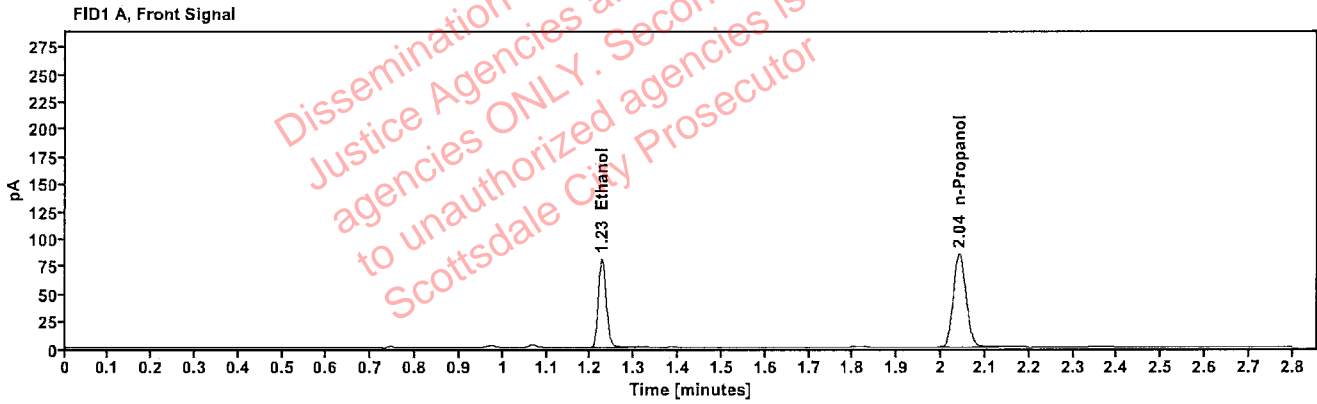


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1586	1.226	103.363
n-Propanol	---	2.041	169.981

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

Compound	Time (min)	Peak Area
Ethanol	1.359	110.691
n-Propanol	2.437	181.533

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	430-01R.M.	Vial:	35
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	07Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/7/2023 3:23:58 PM
Data file:	C:\Chem32\1\Data\07Aug23\35.D	Analyst:	Abbott

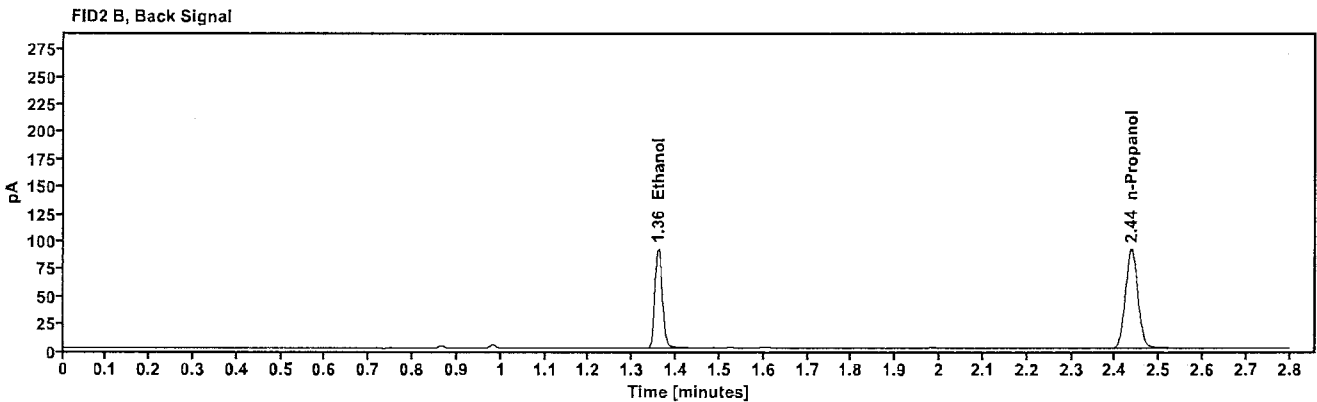
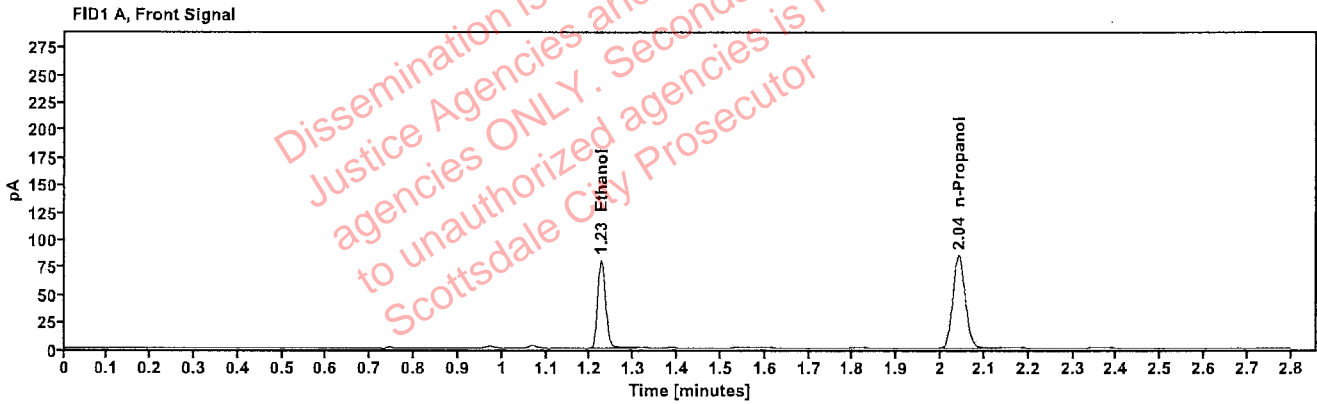


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1582	1.225	102.501
n-Propanol	---	2.041	169.058

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

Compound	Time (min)	Peak Area
Ethanol	1.358	109.880
n-Propanol	2.436	180.432

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	171-01M.L.	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/7/2023 3:27:58 PM
Data file:	C:\Chem32\1\Data\07Aug23\36.D	Analyst:	Abbott

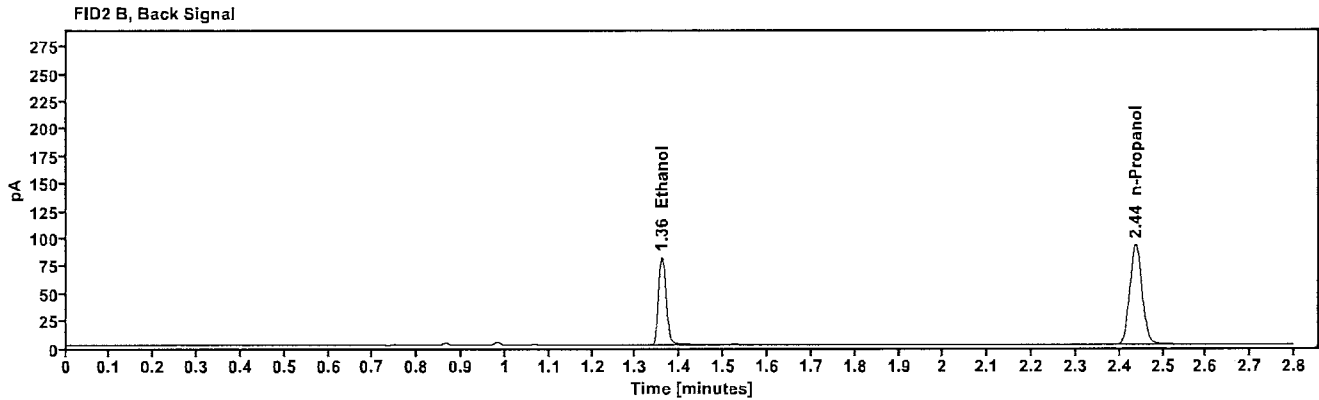
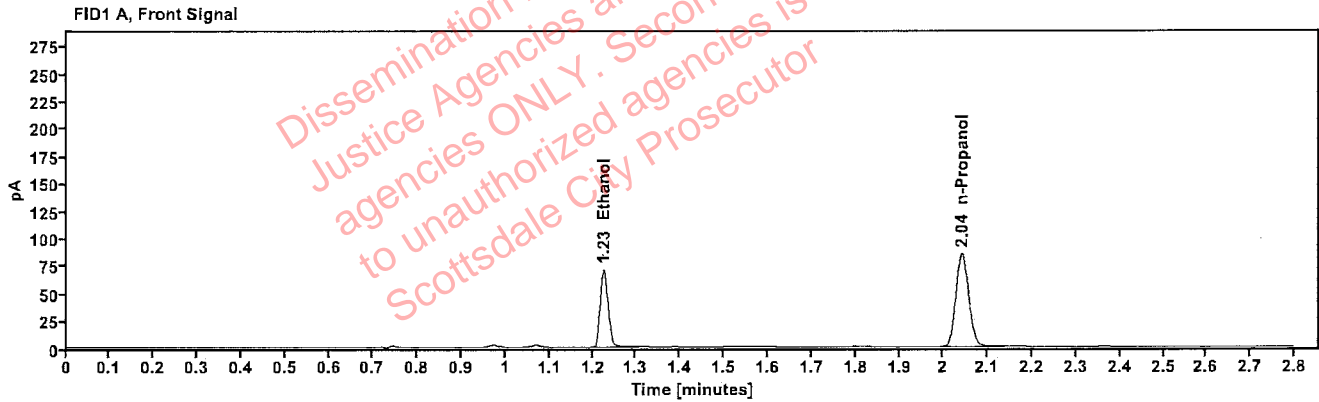


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1395	1.226	91.060
n-Propanol	-----	2.042	170.320

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

Compound	Time (min)	Peak Area
Ethanol	1.359	97.449
n-Propanol	2.437	181.479

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	171-01M.L.	Vial:	37
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	07Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/7/2023 3:32:13 PM
Data file:	C:\Chem32\1\Data\07Aug23\37.D	Analyst:	Abbott

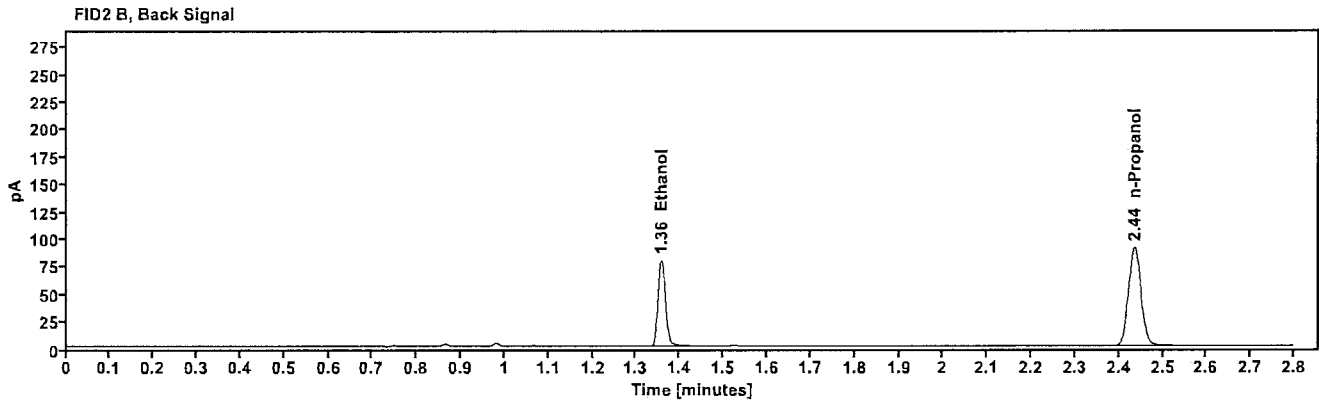
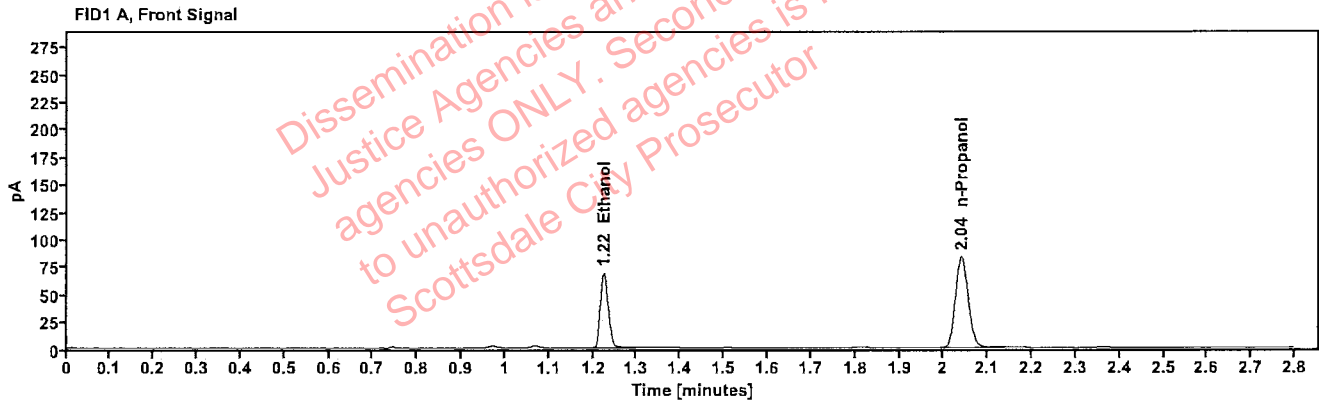


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1378	1.225	88.319
n-Propanol	-----	2.041	167.274

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

Compound	Time (min)	Peak Area
Ethanol	1.357	94.854
n-Propanol	2.435	178.253

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2315658-2	Vial:	38
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	07Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/7/2023 3:36:13 PM
Data file:	C:\Chem32\1\Data\07Aug23\38.D	Analyst:	Abbott

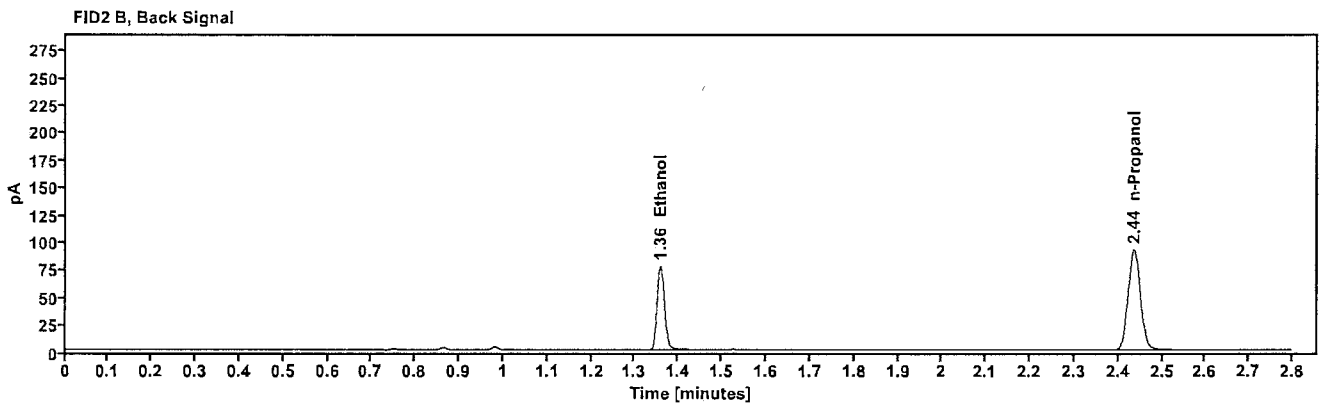
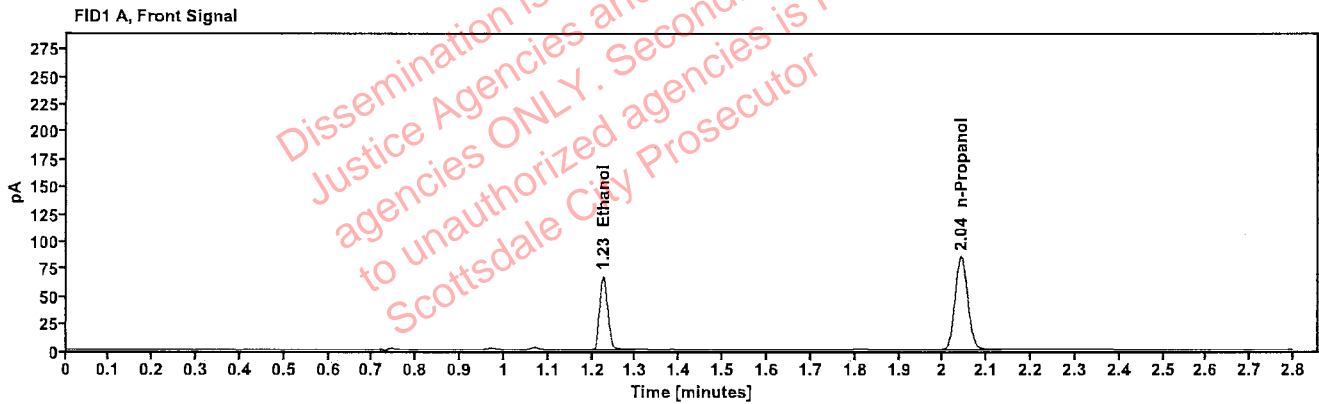


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1321	1.225	86.297
n-Propanol	----	2.041	170.489

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

Compound	Time (min)	Peak Area
Ethanol	1.358	92.394
n-Propanol	2.436	181.731

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2315658-2	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/7/2023 3:40:13 PM
Data file:	C:\Chem32\1\Data\07Aug23\39.D	Analyst:	Abbott

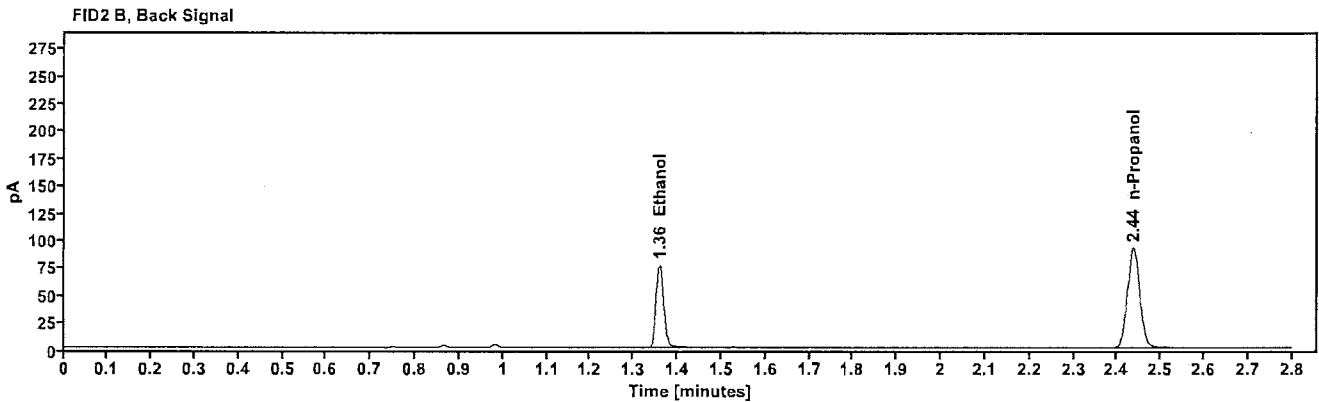
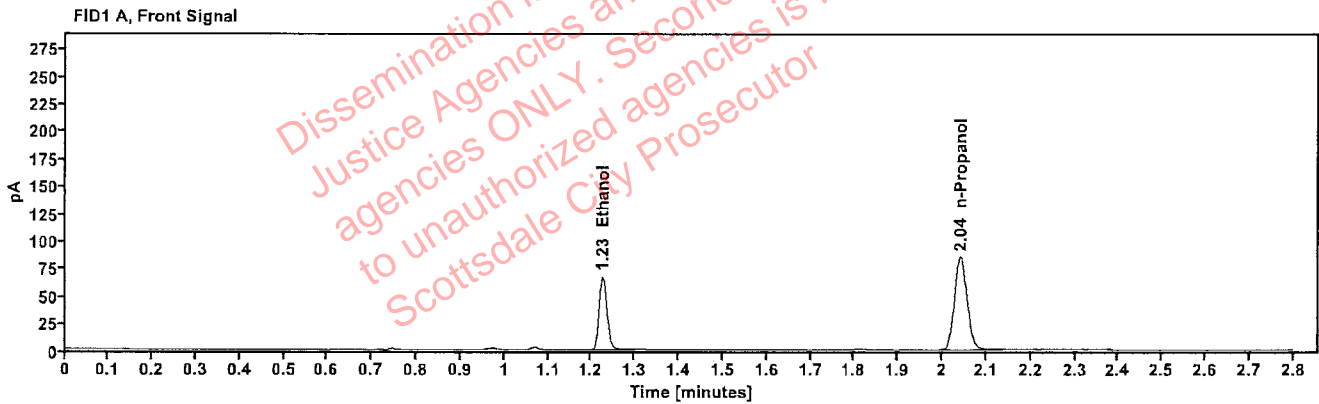


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1319	1.226	85.778
n-Propanol	-----	2.041	169.649

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

Compound	Time (min)	Peak Area
Ethanol	1.359	91.588
n-Propanol	2.437	180.800

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2315999-6	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/7/2023 3:44:13 PM
Data file:	C:\Chem32\1\Data\07Aug23\40.D	Analyst:	Abbott

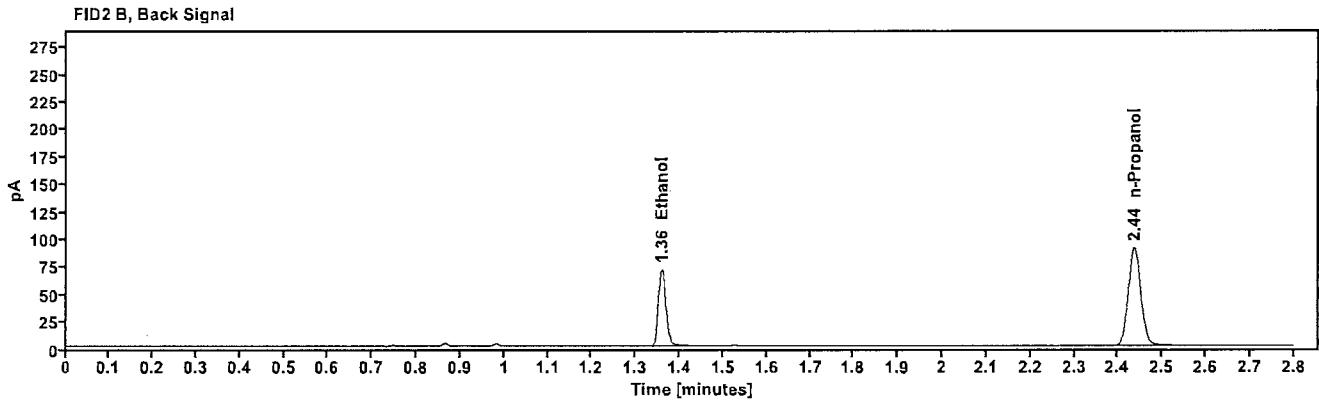
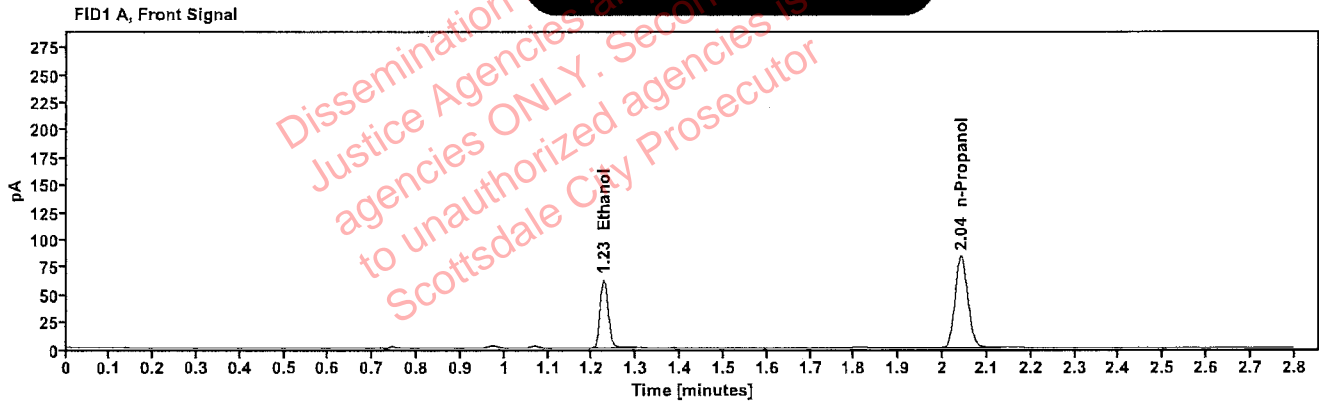


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1247	1.226	80.006
n-Propanol	---	2.041	167.438

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

Compound	Time (min)	Peak Area
Ethanol	1.359	85.610
n-Propanol	2.437	178.604

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2315999-6	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/7/2023 3:48:13 PM
Data file:	C:\Chem32\1\Data\07Aug23\41.D	Analyst:	Abbott

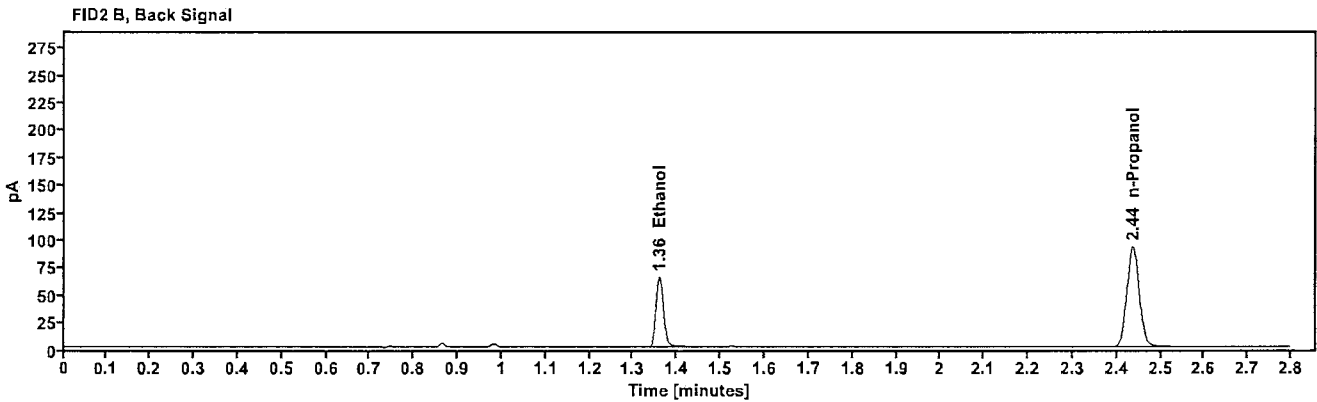
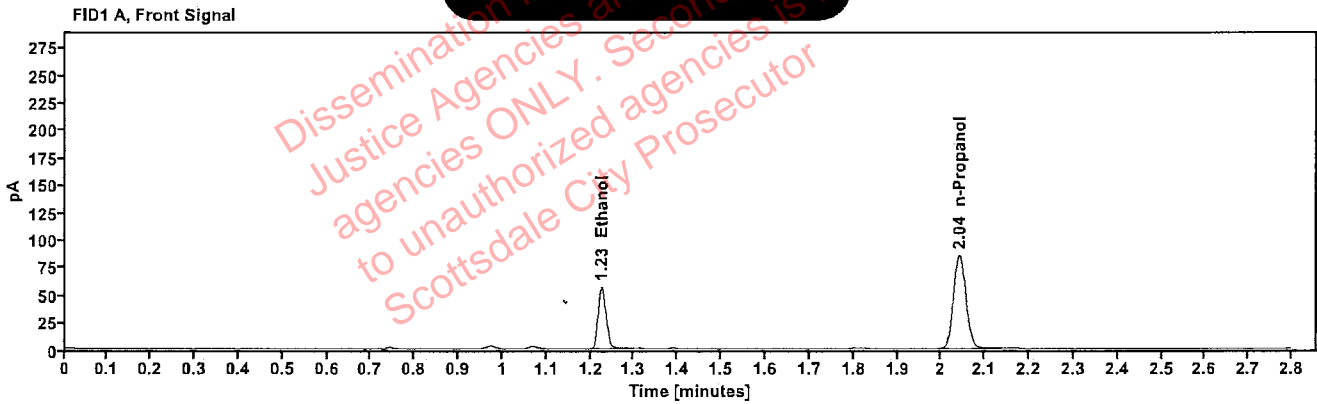


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1113	1.226	72.642
n-Propanol	---	2.041	170.282

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

Compound	Time (min)	Peak Area
Ethanol	1.359	77.603
n-Propanol	2.436	181.594