

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 02/08/2022 SEQUENCE NAME 08Feb22

EQUIPMENT

Pipettor Hamilton ML600EH7497 Hamilton ML600GJ10749
 Gas Chromatograph Agilent US14173023

INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN06141806 Coefficient of determination (r²)
 Vial 2 0.10 calibrator Lot FN05311902 0.99997
 Vial 3 0.20 calibrator Lot FN05101903
 Vial 4 0.40 calibrator Lot FN10051906

CALIBRATION VERIFICATION AND RESOLUTION TEST

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 010722AQ
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.401 g/dL	Lipomed 11092018-A
8	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 14082019-B
9	Blood control	0.199 g/dL	0.202 g/dL	ACQ 4110320133/2
20	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 20012020-B
31	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 20012020-B
42	Aqueous control	0.400 g/dL	0.401 g/dL	Lipomed 11092018-A
43	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 14082019-B
44	Blood control	0.199 g/dL	0.202 g/dL	ACQ 4110320133/2
45	Blank	Not detected	Not detected	SPD lab 101921WB

SUBJECT SAMPLES

Subjects in the sequence 15 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

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

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

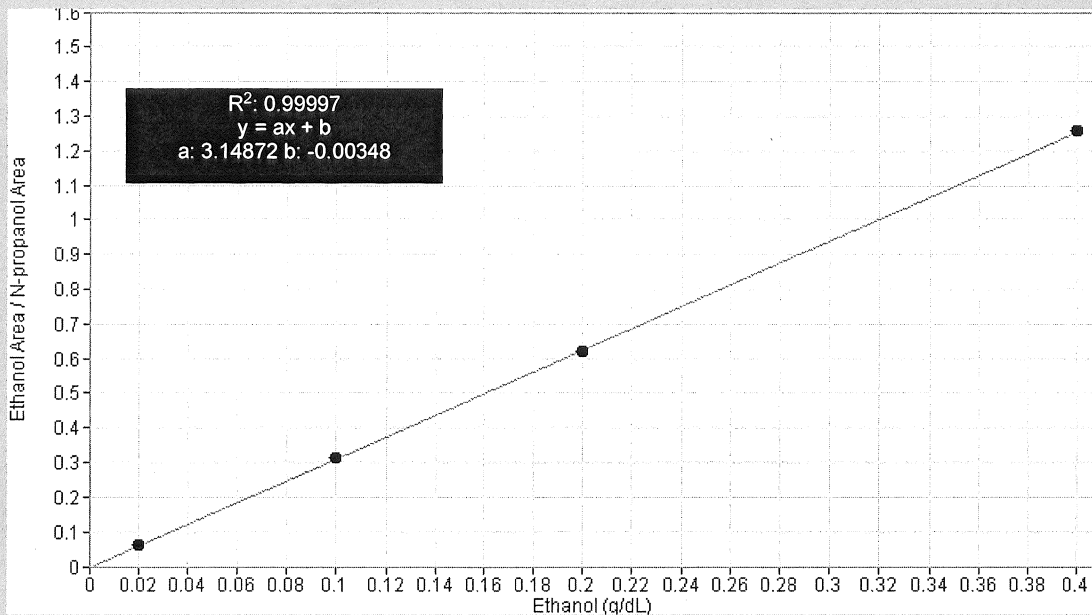
SEQUENCE NAME: 08Feb22

ANALYST: Abbott *AB*

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 010722AQ	5	negative	negative	-	-
0.400 11092018-A	7	0.401	0.400	0.25	0.001
0.040 14082019-B	8	0.041	0.040	2.50	0.001
0.199 4110320133/2	9	0.202	0.199	1.51	0.003
0.080 20012020-B	20	0.080	0.080	0.00	0.000
0.080 20012020-B	31	0.081	0.080	1.25	0.001
0.400 11092018-A	42	0.401	0.400	0.25	0.001
0.040 14082019-B	43	0.041	0.040	2.50	0.001
0.199 4110320133/2	44	0.202	0.199	1.51	0.003
blank 101921WB	45	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.631	191.242	0.061
0.100	59.666	190.780	0.313
0.200	118.318	190.305	0.622
0.400	242.653	192.907	1.258

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN06141806	Vial: 1
Description: 0.020 calibrator	Sequence: 08Feb22
Method: ethanol quant.M	Injection date: 2/8/2022 2:40:51 PM
Instrument: US14173023 CN14160045	Analyst: Abbott DA
Data file: C:\Chem32\1\Data\08Feb22\1.D	

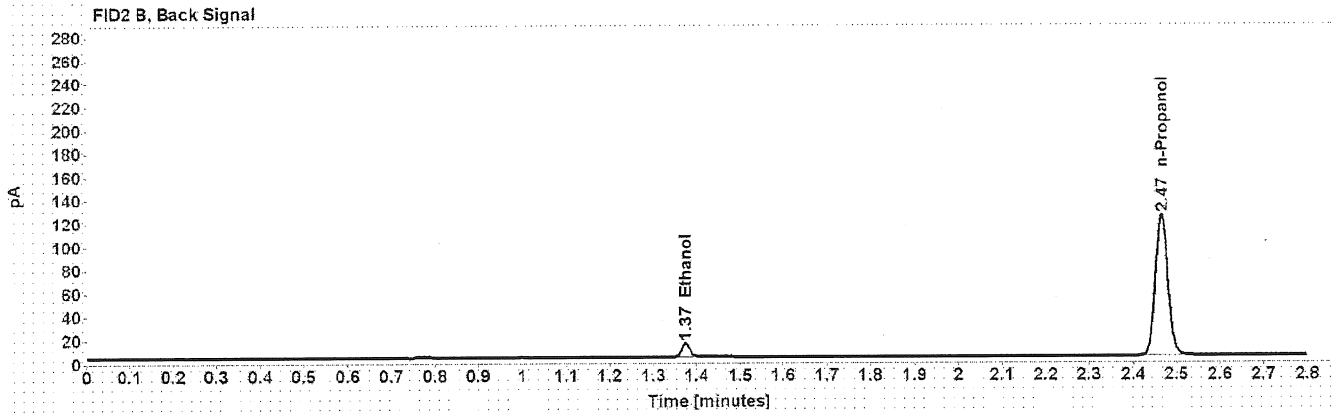
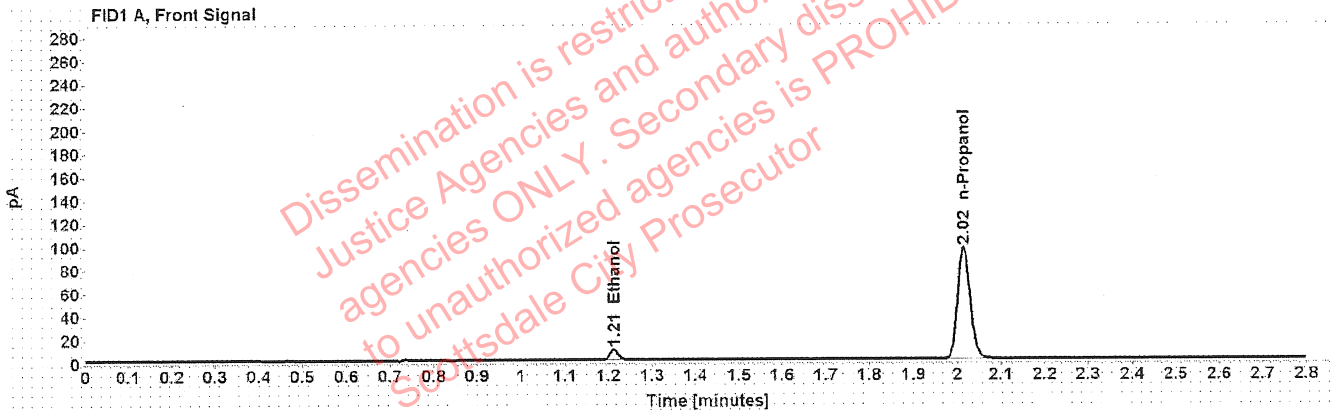


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.212	11.631
n-Propanol	2.015	191.242

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

Compound	Time (min)	Peak Area
Ethanol	1.374	14.716
n-Propanol	2.465	242.321

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN05311902	Vial:	2
Description:	0.100 calibrator	Sequence:	08Feb22
Method:	ethanol quant.M	Injection date:	2/8/2022 2:44:51 PM
Instrument:	US14173023 CN14160045	Analyst:	Abbott <i>JA</i>
Data file:	C:\Chem32\1\Data\08Feb22\2.D		

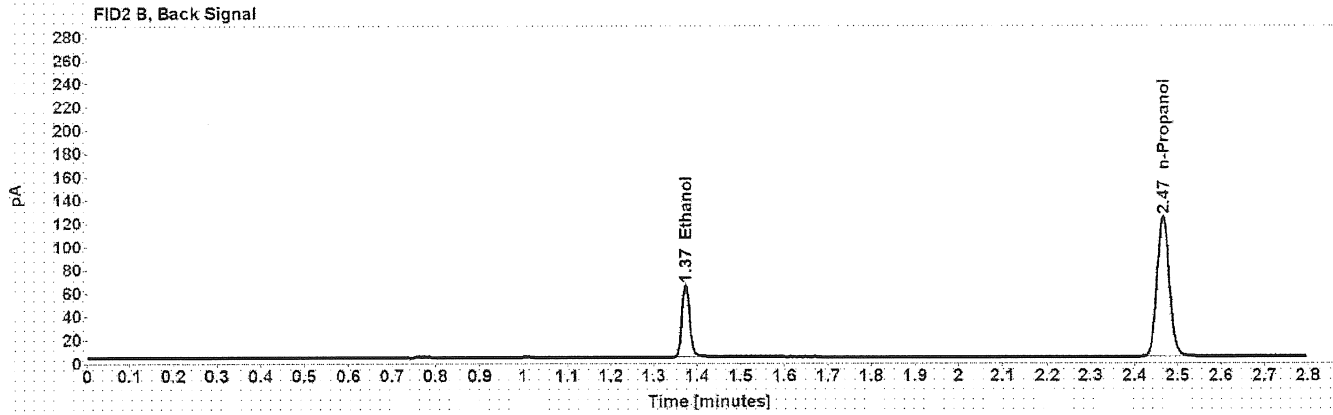
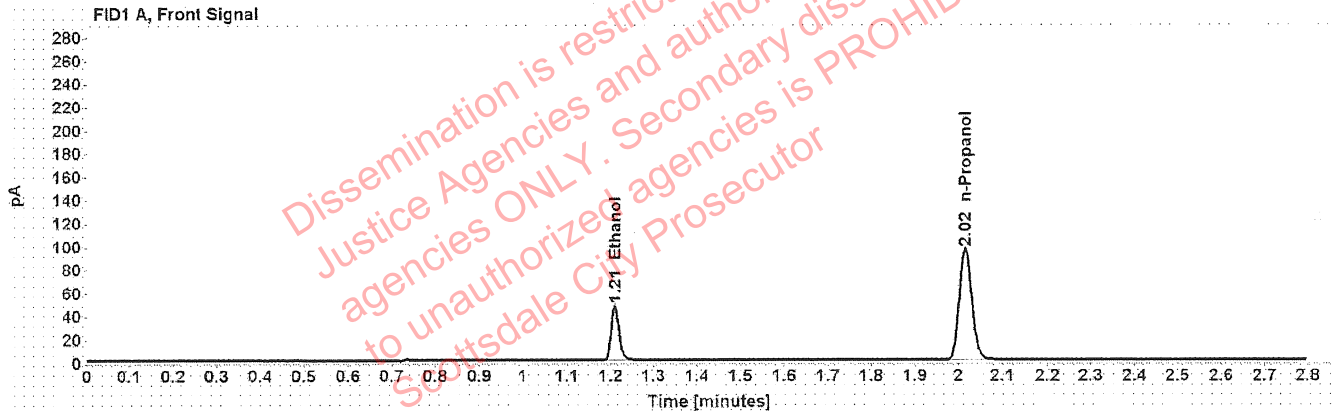


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.210	59.666
n-Propanol	2.015	190.780

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

Compound	Time (min)	Peak Area
Ethanol	1.373	75.633
n-Propanol	2.466	241.710

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN05101903	Vial:	3
Description:	0.200 calibrator	Sequence:	08Feb22
Method:	ethanol quant.M	Injection date:	2/8/2022 2:48:50 PM
Instrument:	US14173023 CN14160045	Analyst:	Abbott <i>JA</i>
Data file:	C:\Chem32\1\Data\08Feb22\3.D		

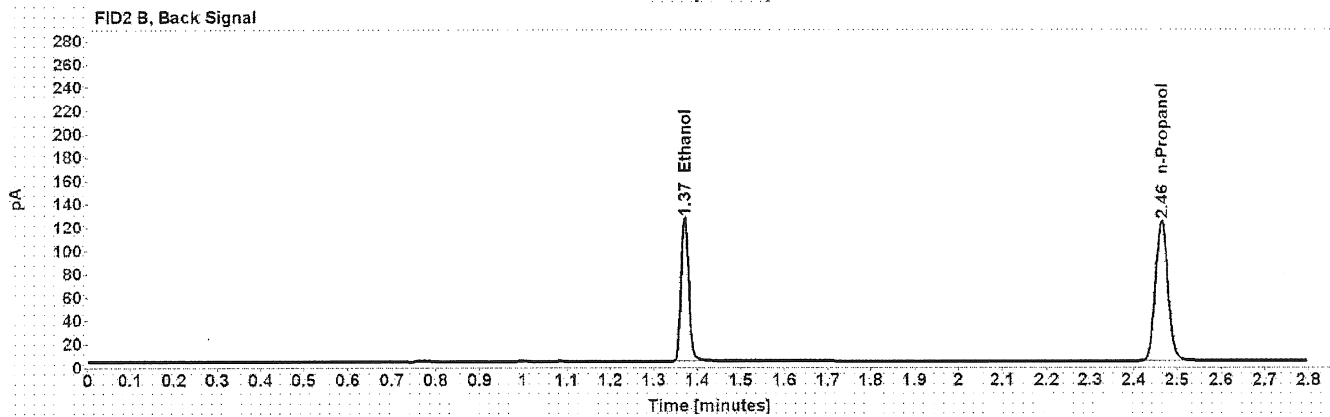
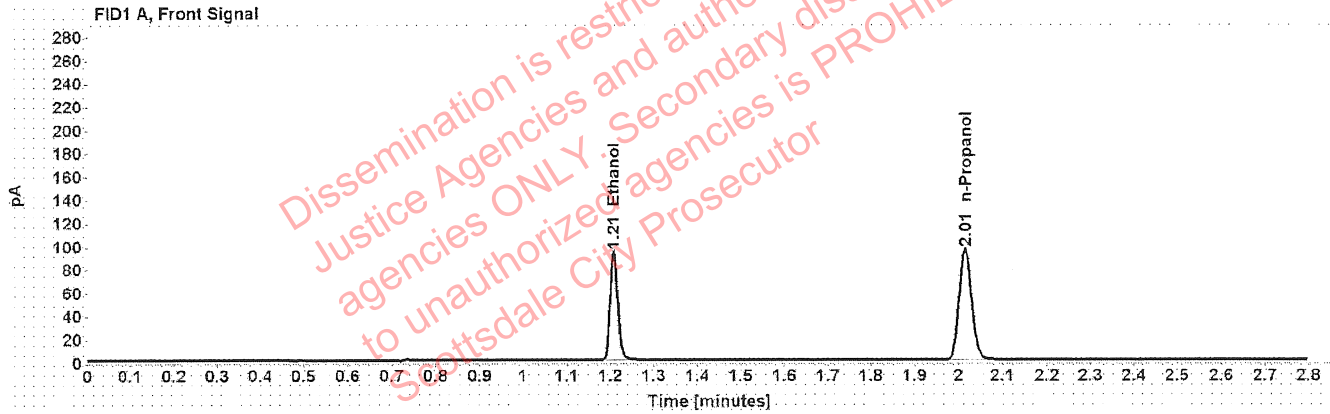


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	118.318
n-Propanol	2.014	190.305

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

Compound	Time (min)	Peak Area
Ethanol	1.371	150.130
n-Propanol	2.464	241.099

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN10051906	Vial: 4
Description: 0.400 calibrator	Sequence: 08Feb22
Method: ethanol quant.M	Injection date: 2/8/2022 2:52:51 PM
Instrument: US14173023 CN14160045	Analyst: Abbott <i>Abbott</i>
Data file: C:\Chem32\1\Data\08Feb22\4.D	

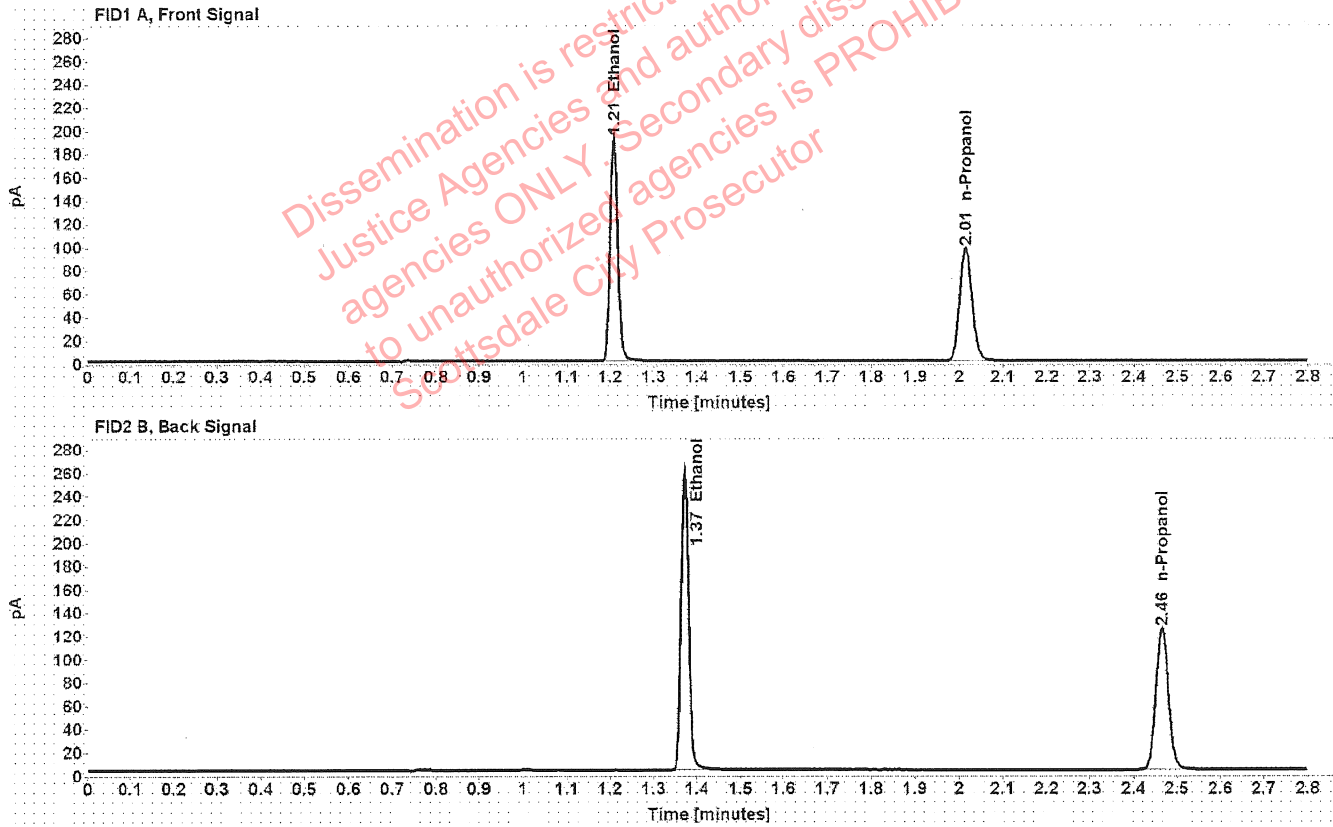


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	242.653
n-Propanol	2.015	192.907

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

Compound	Time (min)	Peak Area
Ethanol	1.372	308.720
n-Propanol	2.465	244.378

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 010722AQ	Vial: 5
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 08Feb22
Instrument: US14173023 CN14160045	Injection date: 2/8/2022 2:56:51 PM
Data file: C:\Chem32\1\Data\08Feb22\5.D	Analyst: Abbott

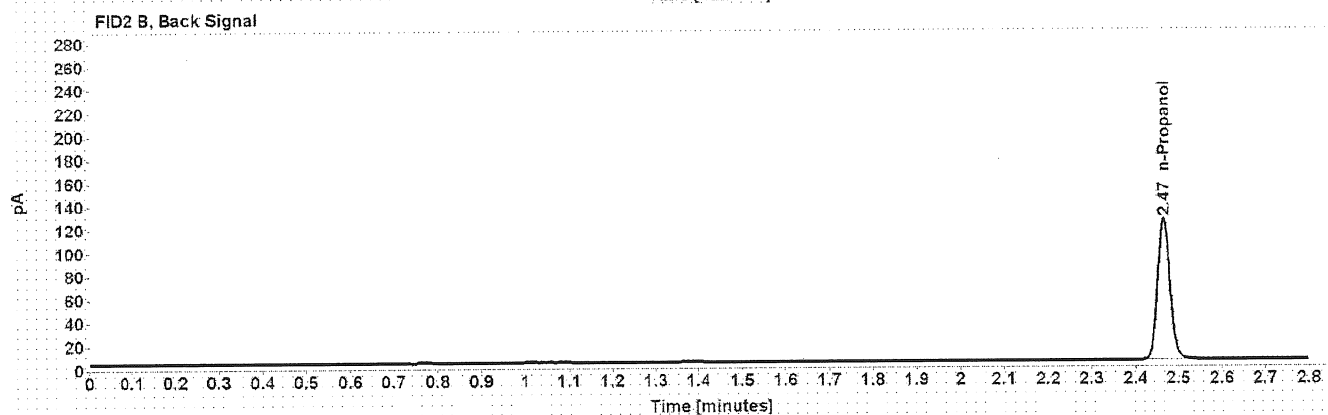
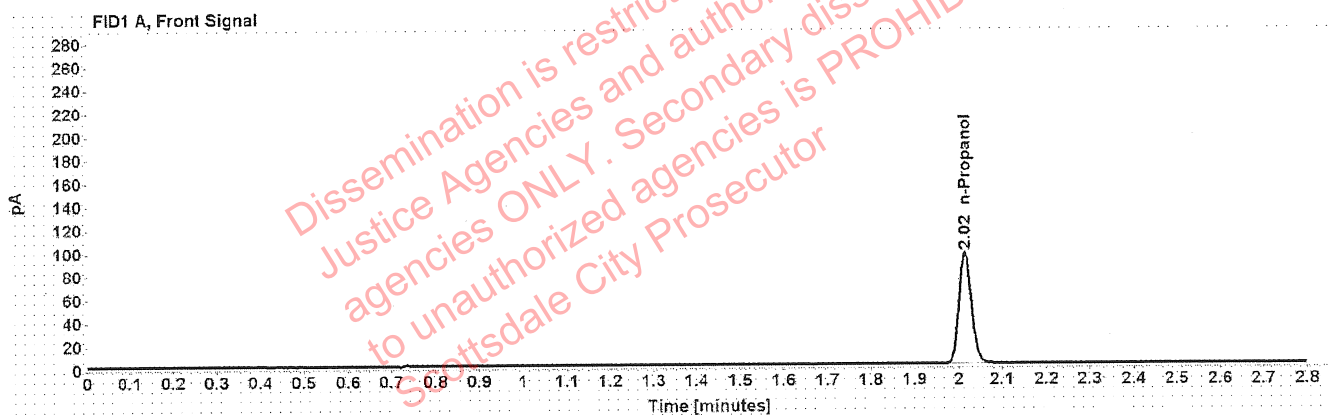


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	191.477

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

Compound	Time (min)	Peak Area
n-Propanol	2.466	242.279

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	050721MIX	Vial:	6
Description:	Volatiles mix	LIMS ID:	
Method:	ethanol quant.M	Sequence:	08Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/8/2022 3:00:50 PM
Data file:	C:\Chem32\1\Data\08Feb22\6.D	Analyst:	Abbott <i>Abbott</i>

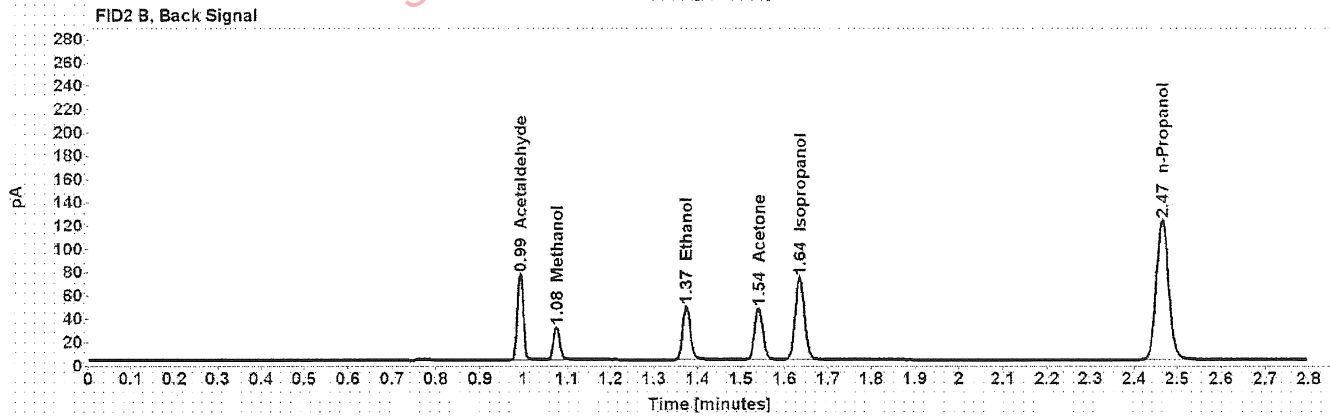
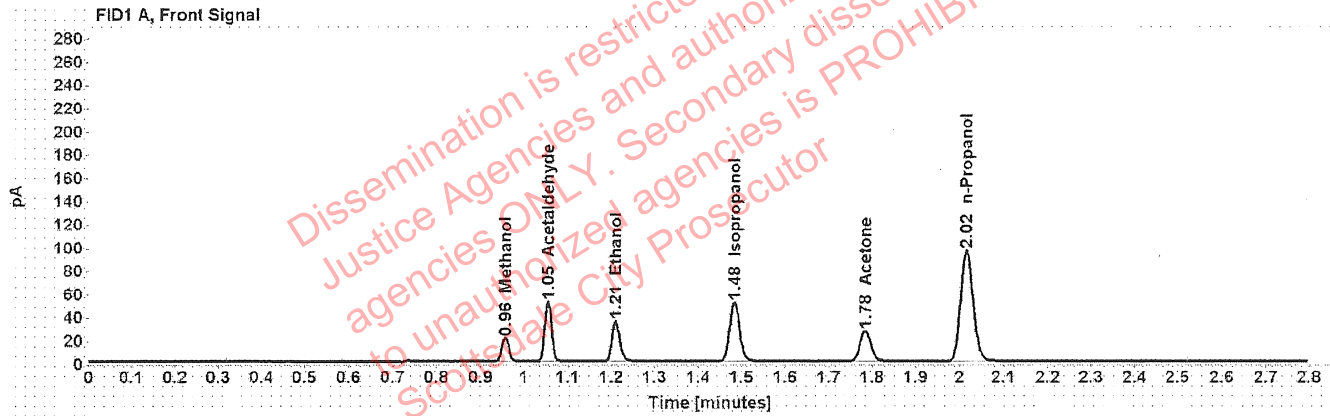


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.957	22.862
Acetaldehyde	-----	1.055	56.184
>Ethanol	0.0755	1.211	44.523
Isopropanol	-----	1.484	81.639
Acetone	-----	1.784	45.762
n-Propanol	-----	2.016	190.161

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	72.743
Methanol	1.075	29.558
Ethanol	1.374	56.346
Acetone	1.540	58.184
Isopropanol	1.635	105.709
n-Propanol	2.466	240.815

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 08Feb22
Instrument: US14173023 CN14160045	Injection date: 2/8/2022 3:05:06 PM
Data file: C:\Chem32\1\Data\08Feb22\7.D	Analyst: Abbott <i>BA</i>

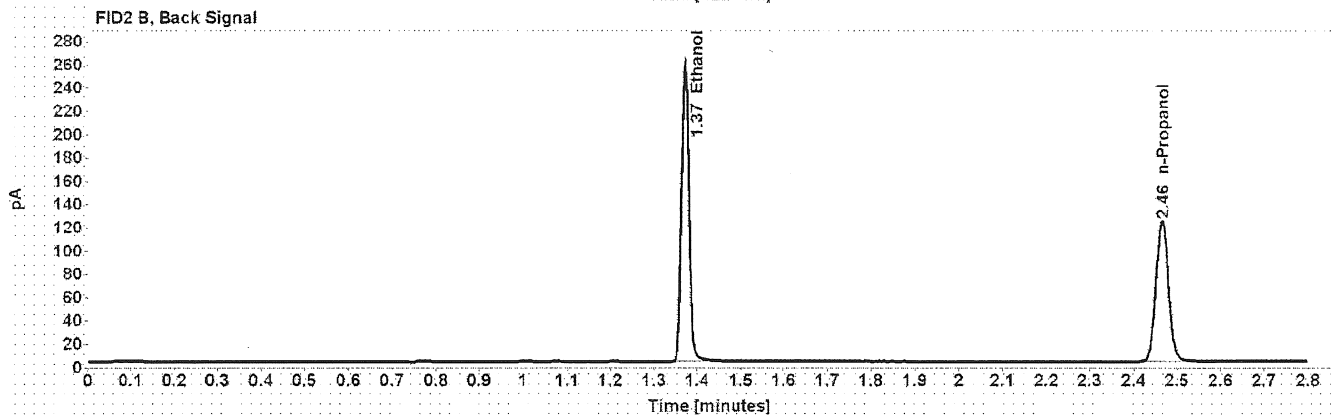
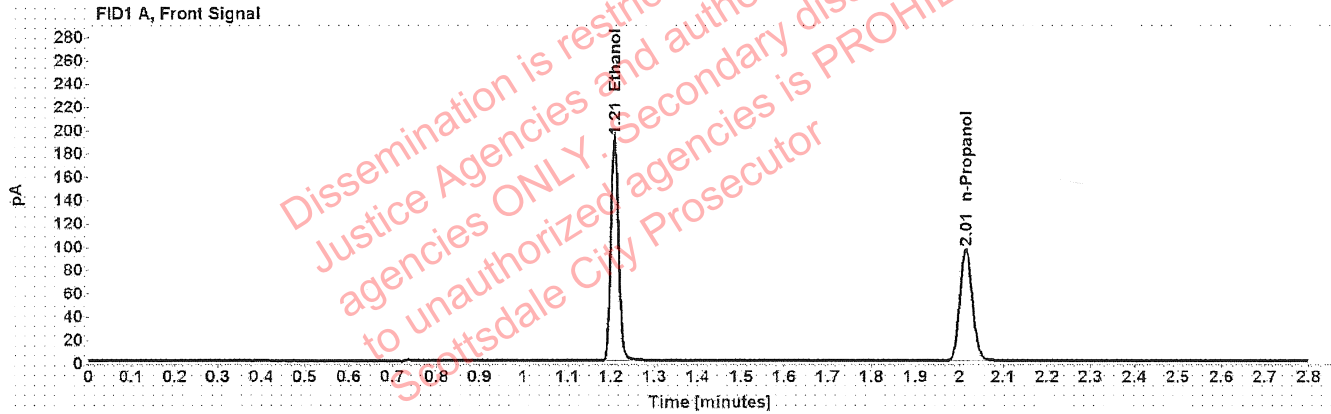


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4018	1.208	242.526
n-Propanol	-----	2.015	192.219

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

Compound	Time (min)	Peak Area
Ethanol	1.372	308.439
n-Propanol	2.465	243.349

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-B	Vial:	8
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	08Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/8/2022 3:09:05 PM
Data file:	C:\Chem32\1\Data\08Feb22\8.D	Analyst:	Abbott AB

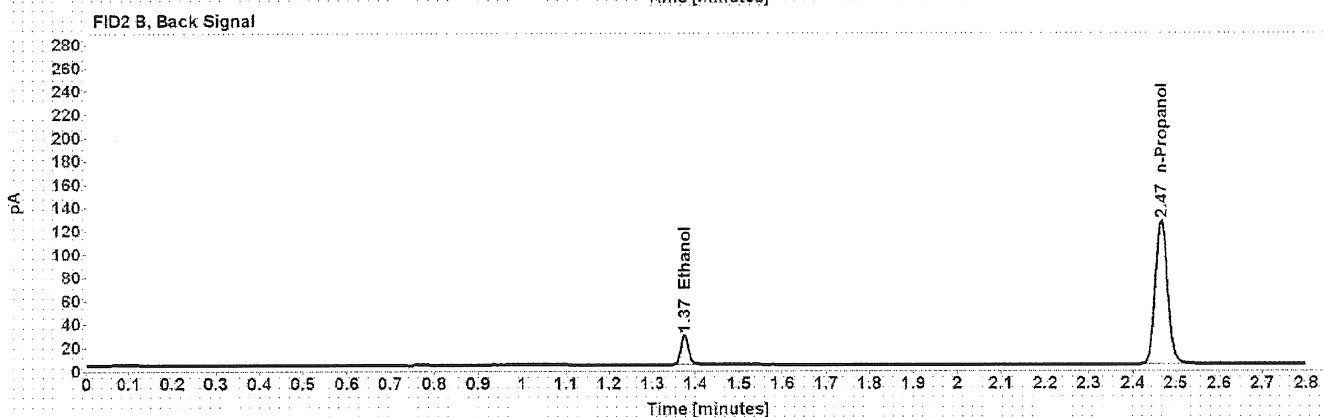
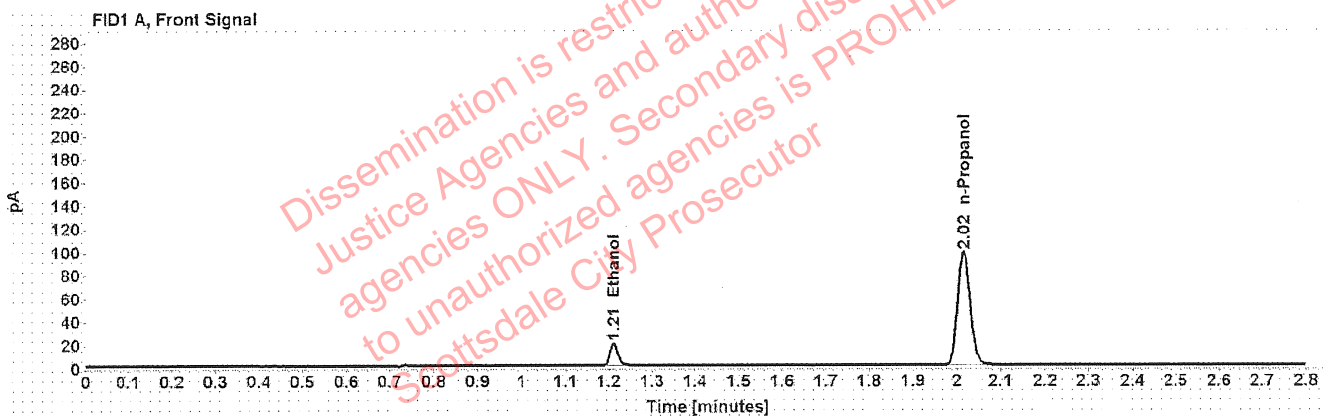


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0410	1.211	24.501
n-Propanol	-----	2.016	194.967

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

Compound	Time (min)	Peak Area
Ethanol	1.374	30.982
n-Propanol	2.466	246.968

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4110320133/2	Vial:	9
Description:	0.199	LIMS ID:	
Method:	ethanol quant.M	Sequence:	08Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/8/2022 3:13:06 PM
Data file:	C:\Chem32\1\Data\08Feb22\9.D	Analyst:	Abbott B

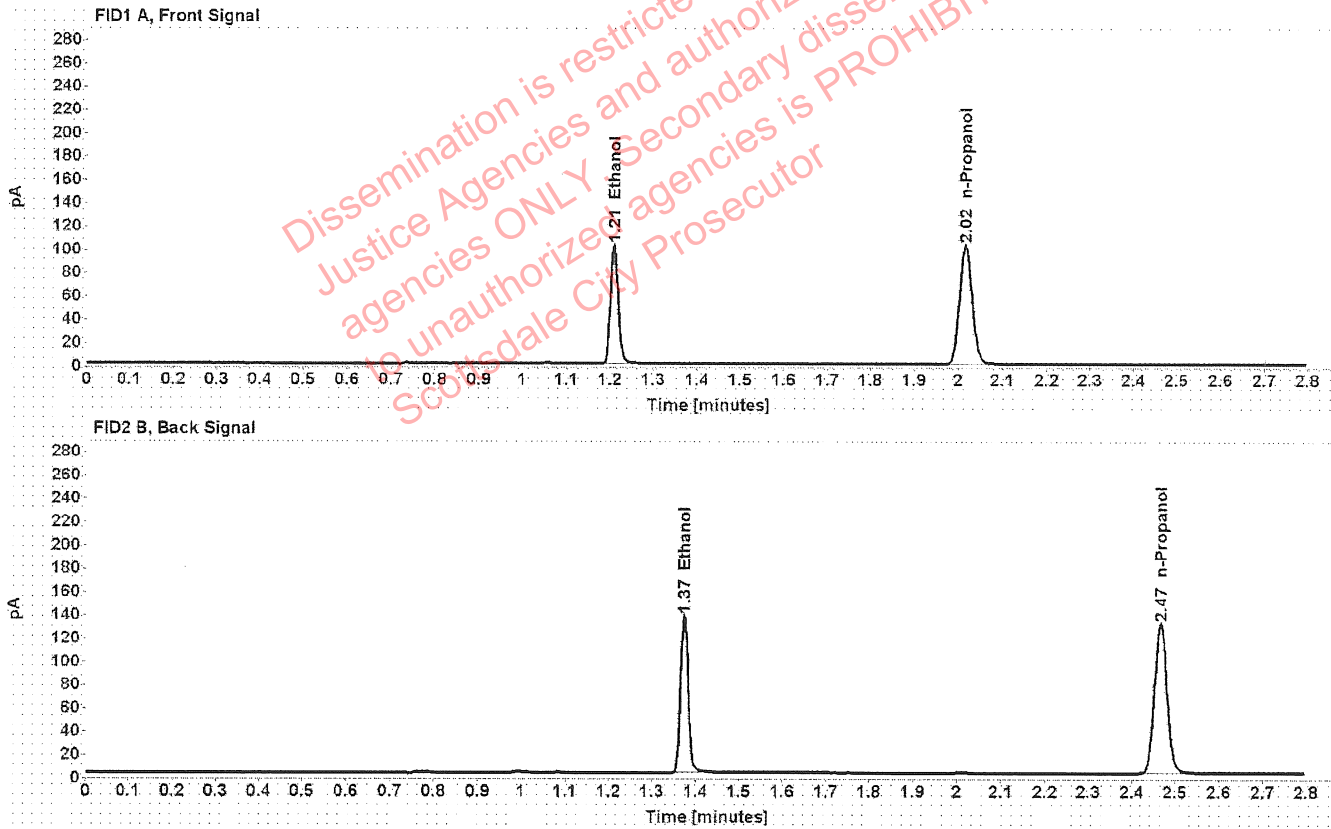


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2025	1.210	129.487
n-Propanol	-----	2.016	204.176

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

Compound	Time (min)	Peak Area
Ethanol	1.374	164.179
n-Propanol	2.467	258.930

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20012020-B	Vial:	20
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	08Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/8/2022 3:57:36 PM
Data file:	C:\Chem32\1\Data\08Feb22\20.D	Analyst:	Abbott Jh

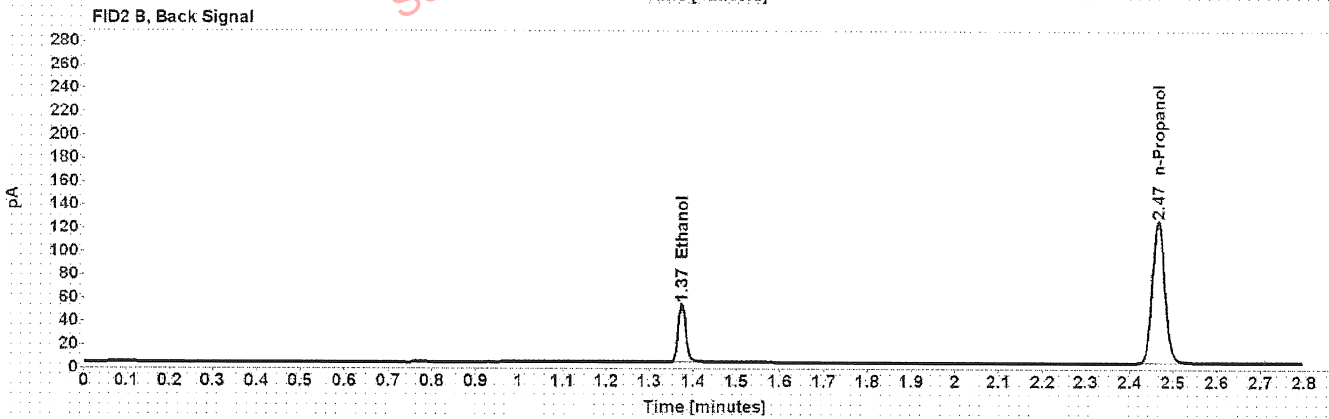
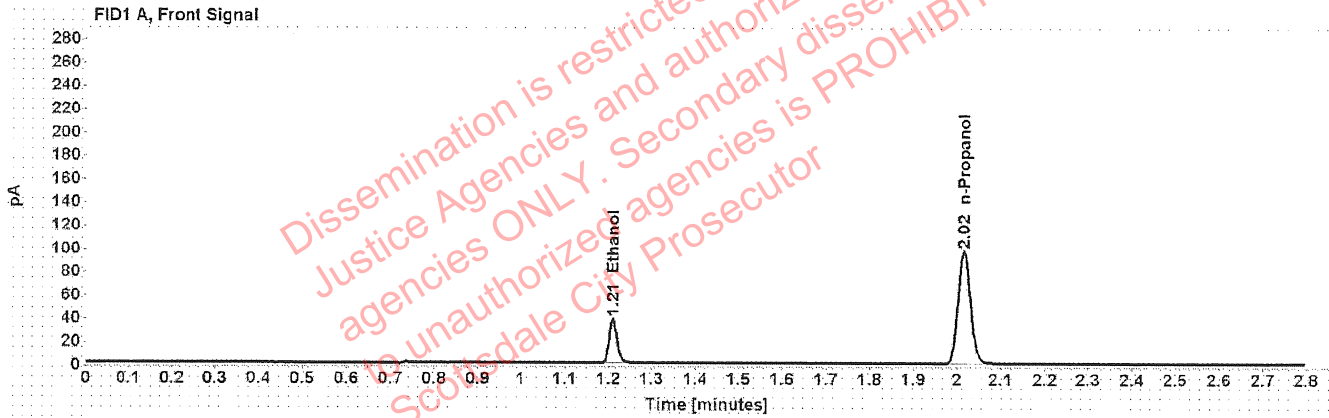


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0808	1.210	48.574
n-Propanol	-----	2.015	193.604

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

Compound	Time (min)	Peak Area
Ethanol	1.374	61.782
n-Propanol	2.466	245.560

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20012020-B	Vial:	31
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	08Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/8/2022 4:42:05 PM
Data file:	C:\Chem32\1\Data\08Feb22\31.D	Analyst:	Abbott <i>JA</i>

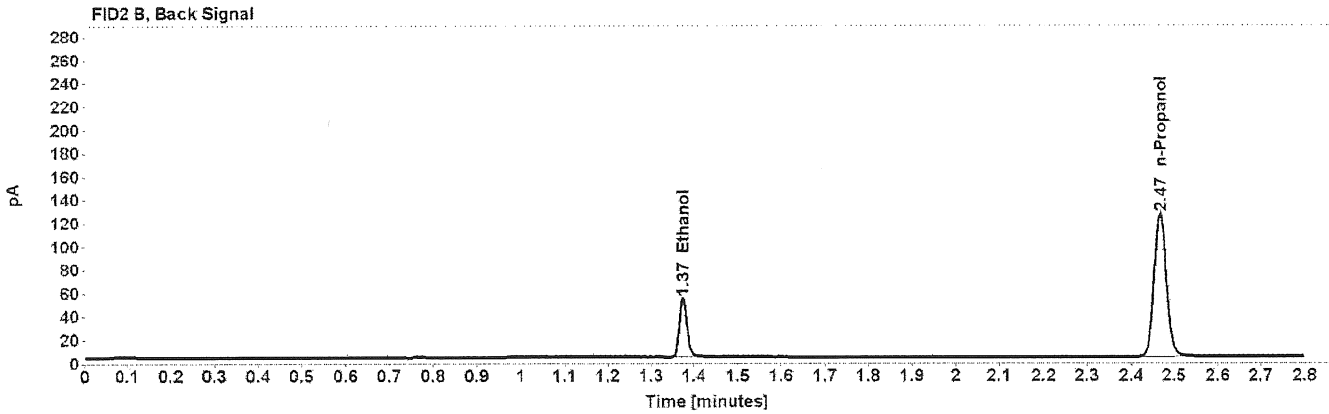
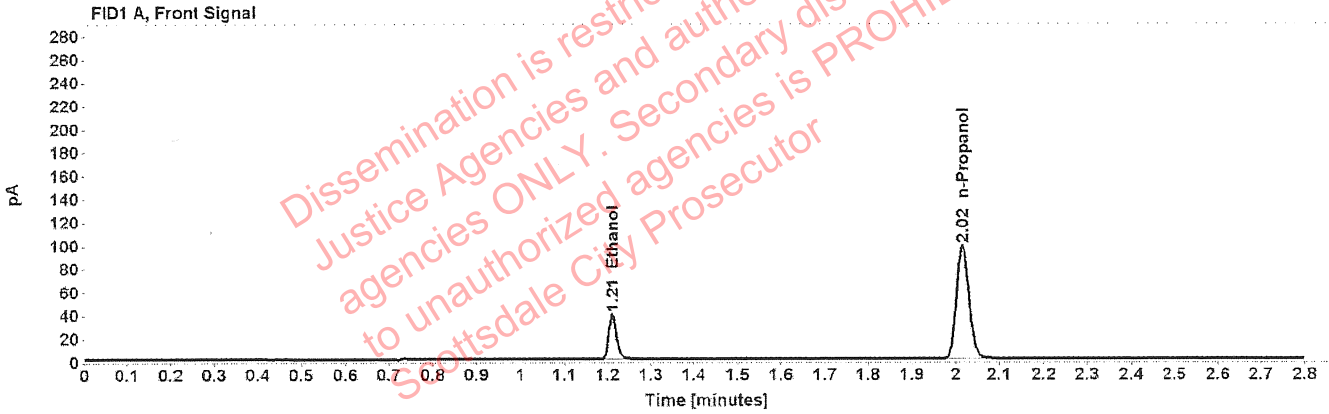


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0815	1.211	49.159
n-Propanol	-----	2.016	194.302

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

Compound	Time (min)	Peak Area
Ethanol	1.374	62.149
n-Propanol	2.467	246.408

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	11092018-A	Vial:	42
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	08Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/8/2022 5:26:21 PM
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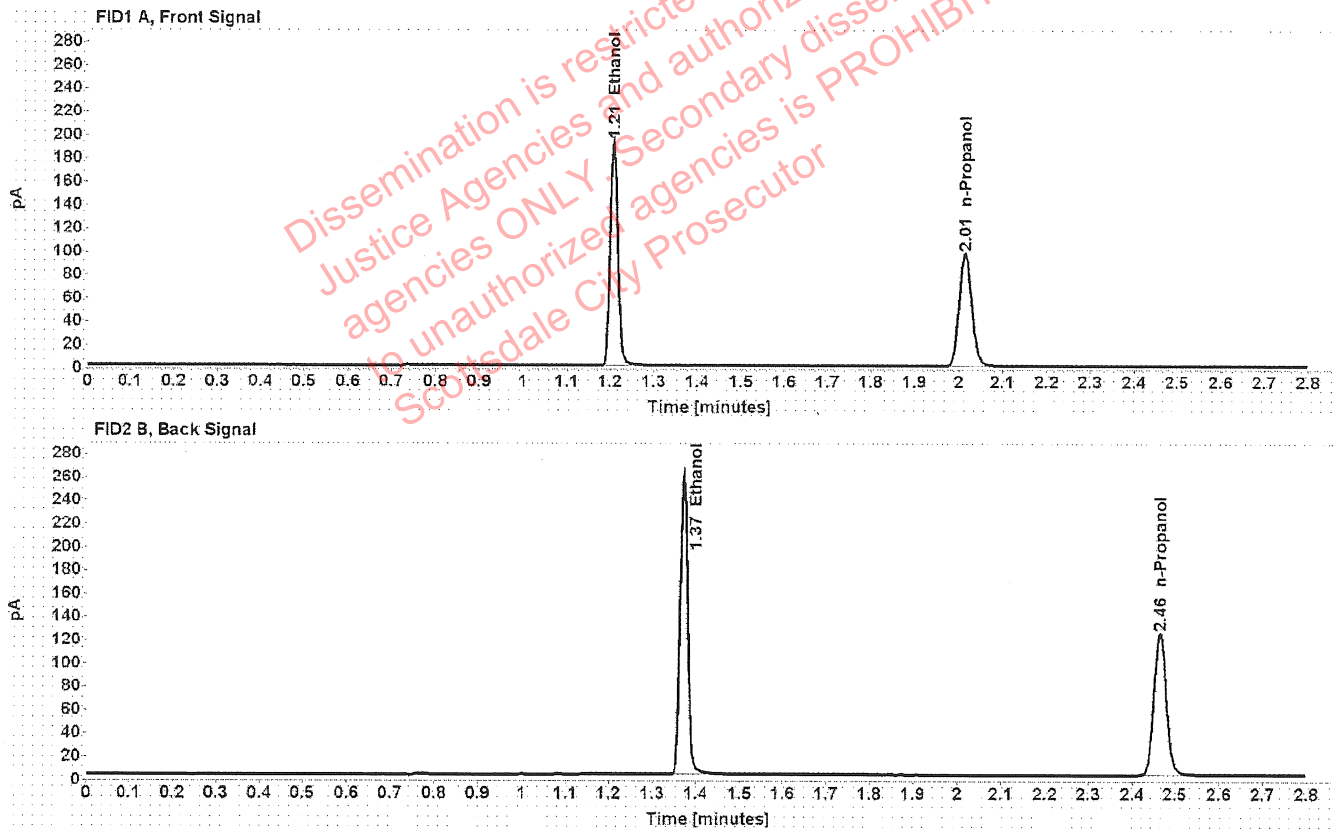


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4018	1.208	244.230
n-Propanol	-----	2.015	193.554

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

Compound	Time (min)	Peak Area
Ethanol	1.372	311.505
n-Propanol	2.465	245.932

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-B	Vial:	43
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	08Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/8/2022 5:30:36 PM
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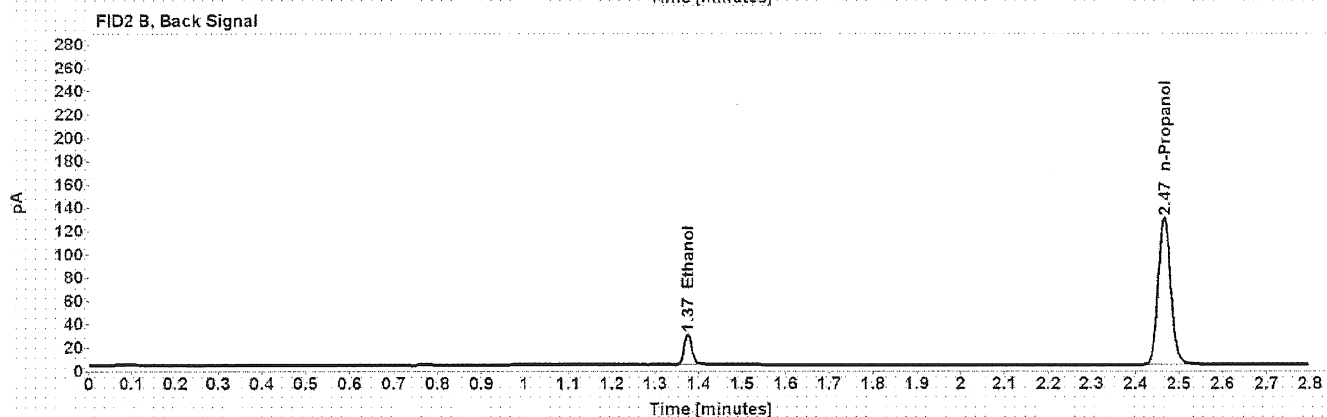
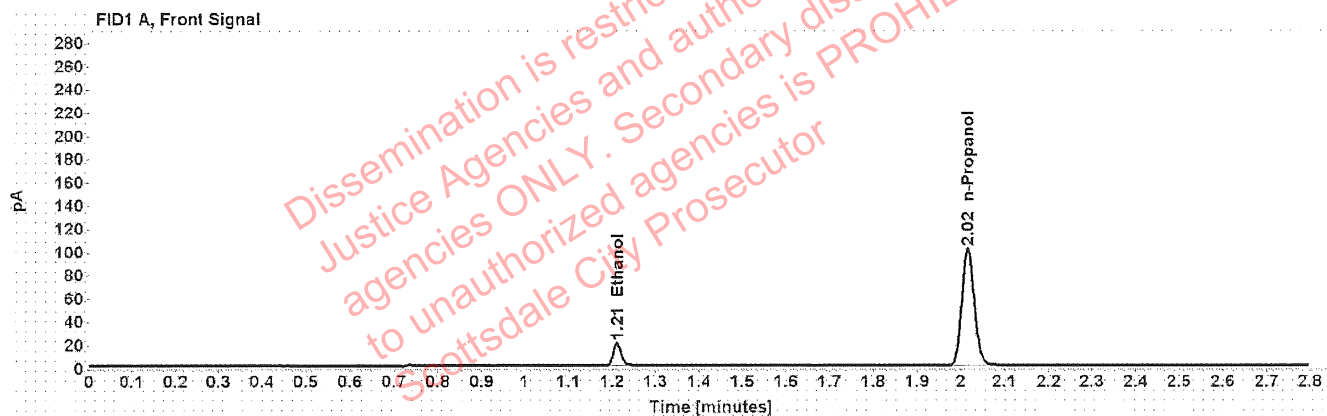


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0414	1.211	25.514
n-Propanol	-----	2.016	200.979

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

Compound	Time (min)	Peak Area
Ethanol	1.374	32.408
n-Propanol	2.466	254.952

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4110320133/2	Vial: 44
Description: 0.199	LIMS ID:
Method: ethanol quant.M	Sequence: 08Feb22
Instrument: US14173023 CN14160045	Injection date: 2/8/2022 5:34:35 PM
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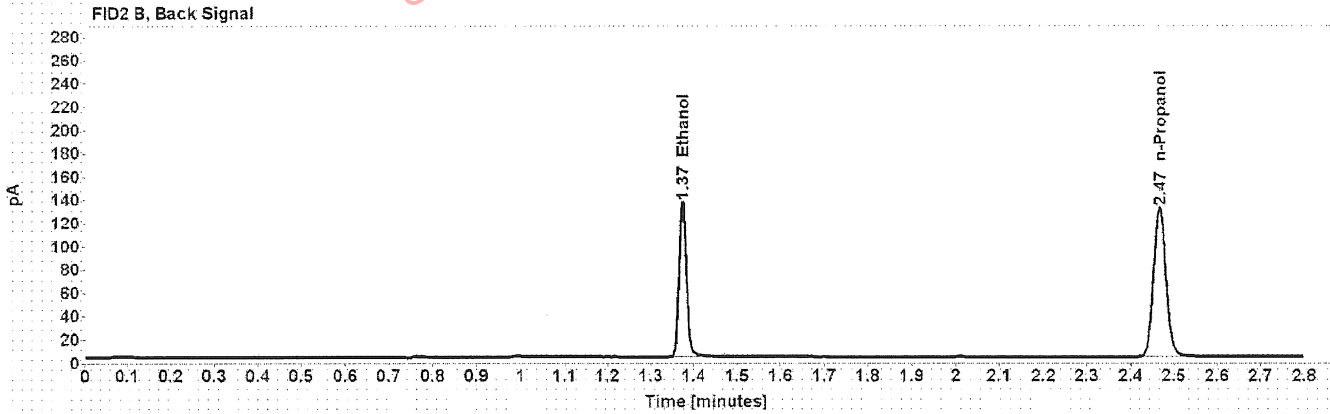
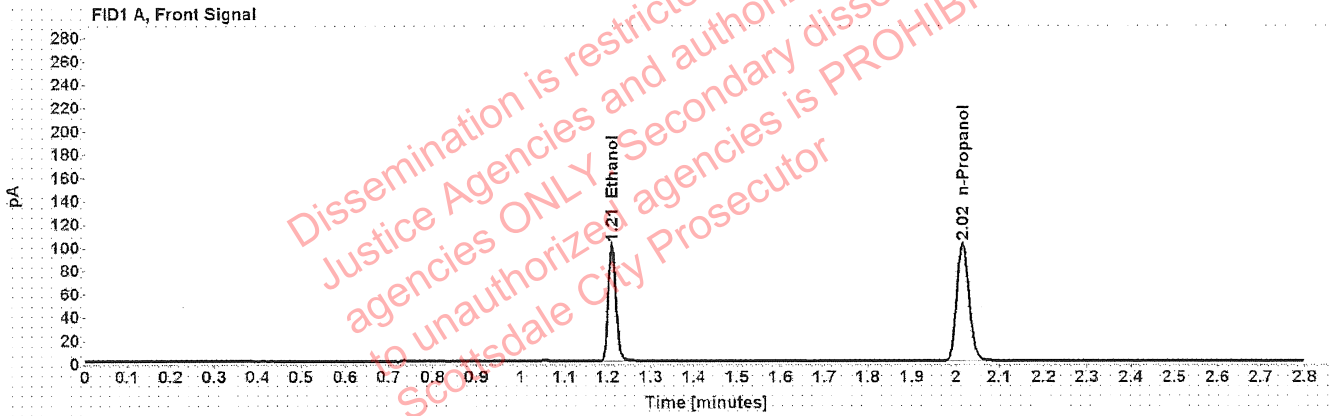


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2021	1.210	128.109
n-Propanol	-----	2.016	202.386

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

Compound	Time (min)	Peak Area
Ethanol	1.374	162.939
n-Propanol	2.467	257.116

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	101921WB	Vial:	45
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	08Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/8/2022 5:38:36 PM
Data file:	C:\Chem32\1\Data\08Feb22\45.D	Analyst:	Abbott <i>Abbott</i>

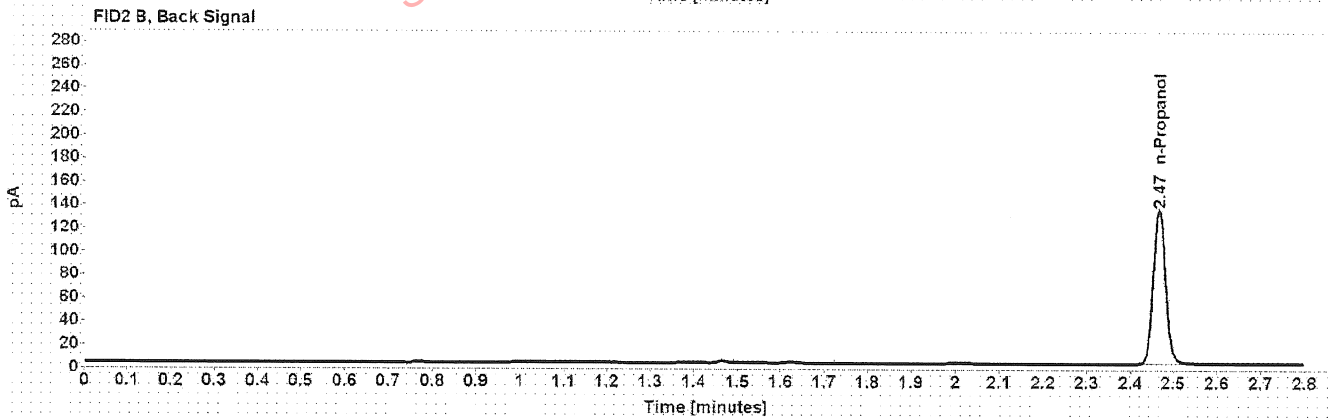
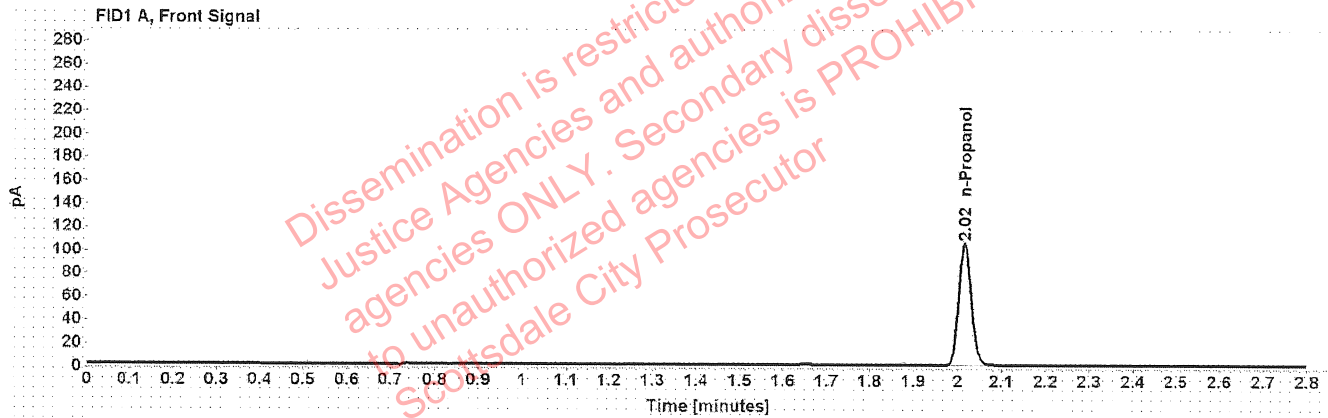


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	208.902

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

Compound	Time (min)	Peak Area
n-Propanol	2.467	266.010

Sequence Summary

Sequence name: 08Feb22 Instrument: US14173023 CN14160045 Analyst: Abbott *JA*

Vial	Sample	Description	Type	LIMS ID	Method
1	FN06141806	0.020 calibrator	Calibration		ethanol quant.M
2	FN05311902	0.100 calibrator	Calibration		ethanol quant.M
3	FN05101903	0.200 calibrator	Calibration		ethanol quant.M
4	FN10051906	0.400 calibrator	Calibration		ethanol quant.M
5	010722AQ	Negative	Control		ethanol quant.M
6	050721MIX	Volatiles mix	Control		ethanol quant.M
7	11092018-A	0.400	Control		ethanol quant.M
8	14082019-B	0.040	Control		ethanol quant.M
9	4110320133/2	0.199	Control		ethanol quant.M
10	1407016		Sample		ethanol quant.M
11	1407016		Sample		ethanol quant.M
12	38101JW		Sample		ethanol quant.M
13	38101JW		Sample		ethanol quant.M
14	36801AM		Sample		ethanol quant.M
15	36801AM		Sample		ethanol quant.M
16	1373490		Sample		ethanol quant.M
17	1373490		Sample		ethanol quant.M
18	1377233		Sample		ethanol quant.M
19	1377233		Sample		ethanol quant.M
20	20012020-B	0.080	Control		ethanol quant.M
21	1358414		Sample		ethanol quant.M
22	1358414		Sample		ethanol quant.M
23	1407108		Sample		ethanol quant.M
24	1407108		Sample		ethanol quant.M
25	1407005		Sample		ethanol quant.M
26	1407005		Sample		ethanol quant.M
27	1407405		Sample		ethanol quant.M
28	1407405		Sample		ethanol quant.M
29	1406704		Sample		ethanol quant.M
30	1406704		Sample		ethanol quant.M
31	20012020-B	0.080	Control		ethanol quant.M
32	1407409		Sample		ethanol quant.M
33	1407409		Sample		ethanol quant.M
34	1407418		Sample		ethanol quant.M
35	1407418		Sample		ethanol quant.M
36	1407707		Sample		ethanol quant.M
37	1407707		Sample		ethanol quant.M
38	1404879		Sample		ethanol quant.M
39	1404879		Sample		ethanol quant.M
40	1407860		Sample		ethanol quant.M
41	1407860		Sample		ethanol quant.M
42	11092018-A	0.400	Control		ethanol quant.M
43	14082019-B	0.040	Control		ethanol quant.M
44	4110320133/2	0.199	Control		ethanol quant.M
45	101921WB	Negative	Control		ethanol quant.M

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

Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 08Feb22

ANALYST: Abbott 

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.0598	0.0590	0.05940	0.67	0.00040
12 13	0.2146	0.2156	0.21510	0.23	0.00050
14 15	0.0628	0.0635	0.06315	0.55	0.00035
16 17	0.2440	0.2438	0.24390	0.04	0.00010
18 19	0.3094	0.3127	0.31105	0.53	0.00165
21 22	0.2228	0.2220	0.22240	0.18	0.00040
23 24	0.2351	0.2349	0.23500	0.04	0.00010
25 26	0.1254	0.1259	0.12565	0.20	0.00025
27 28	0.1757	0.1753	0.17550	0.11	0.00020
29 30	0.3101	0.3075	0.30880	0.42	0.00130
32 33	0.1705	0.1706	0.17055	0.03	0.00005
34 35	0.2079	0.2055	0.20670	0.58	0.00120
36 37	0.2483	0.2473	0.24780	0.20	0.00050
38 39	0.1621	0.1612	0.16165	0.28	0.00045
40 41	0.0347	0.0348	0.03475	0.14	0.00005

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

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1407016	Vial:	10
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	08Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/8/2022 3:17:06 PM
Data file:	C:\Chem32\1\Data\08Feb22\10.D	Analyst:	Abbott

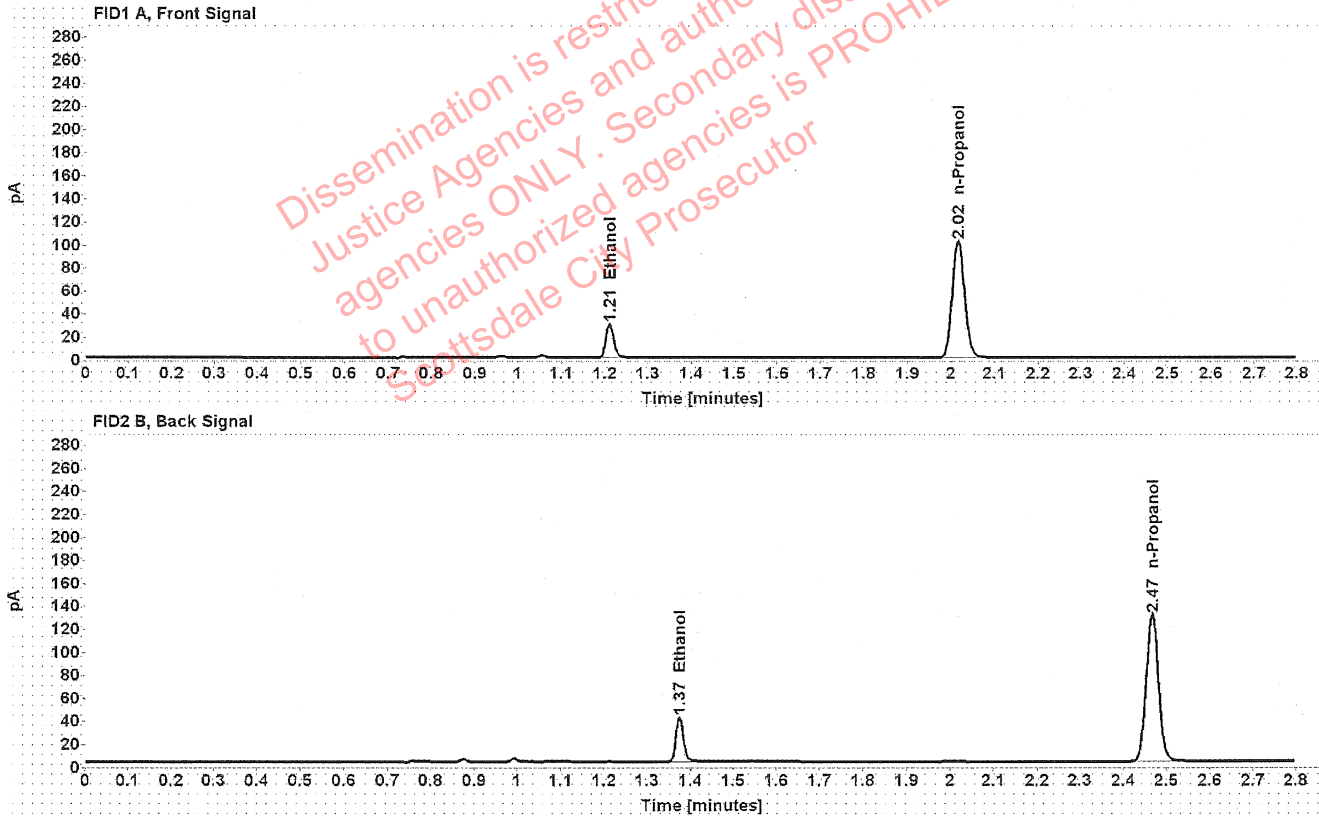


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0598	1.211	37.267
n-Propanol	-----	2.016	201.813

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

Compound	Time (min)	Peak Area
Ethanol	1.375	47.667
n-Propanol	2.467	256.152

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1407016	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/8/2022 3:21:06 PM
Data file:	C:\Chem32\1\Data\08Feb22\11.D	Analyst:	Abbott

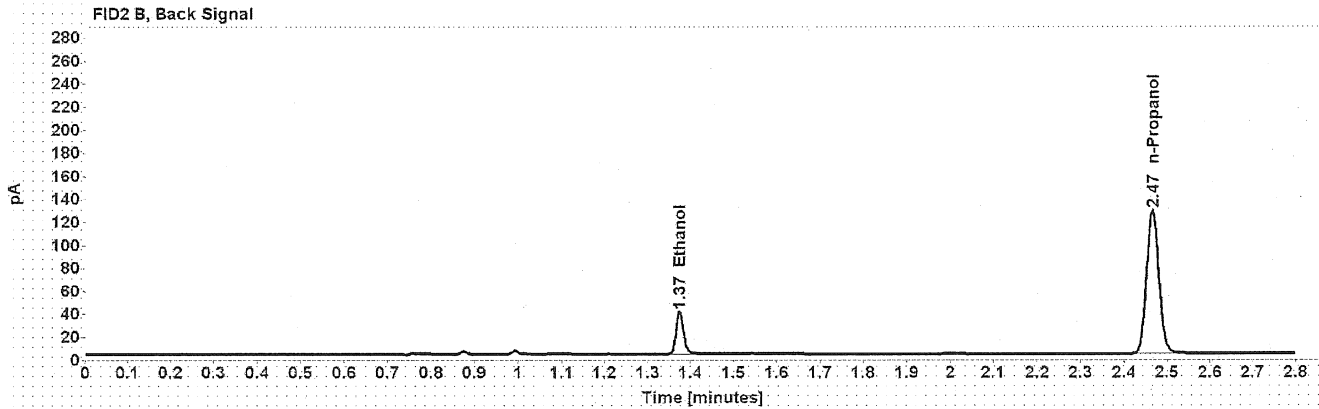
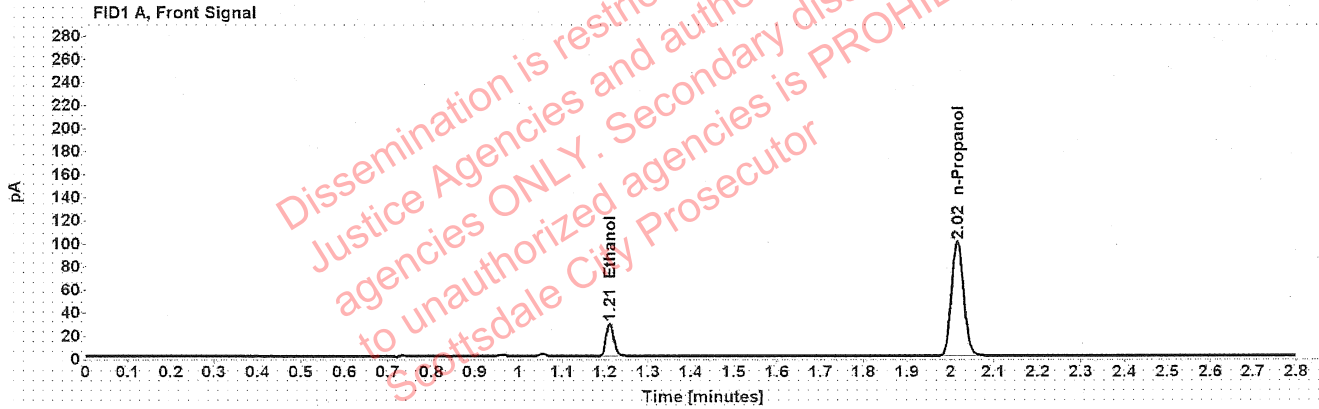


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0590	1.211	36.050
n-Propanol	-----	2.016	197.700

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

Compound	Time (min)	Peak Area
Ethanol	1.375	46.173
n-Propanol	2.466	250.860

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	38101JW	Vial:	12
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	08Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/8/2022 3:25:07 PM
Data file:	C:\Chem32\1\Data\08Feb22\12.D	Analyst:	Abbott

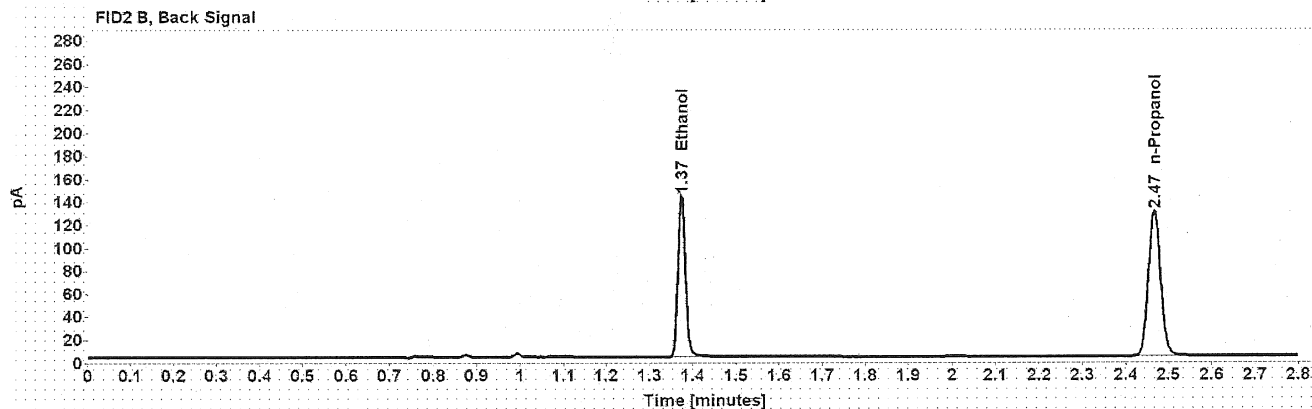
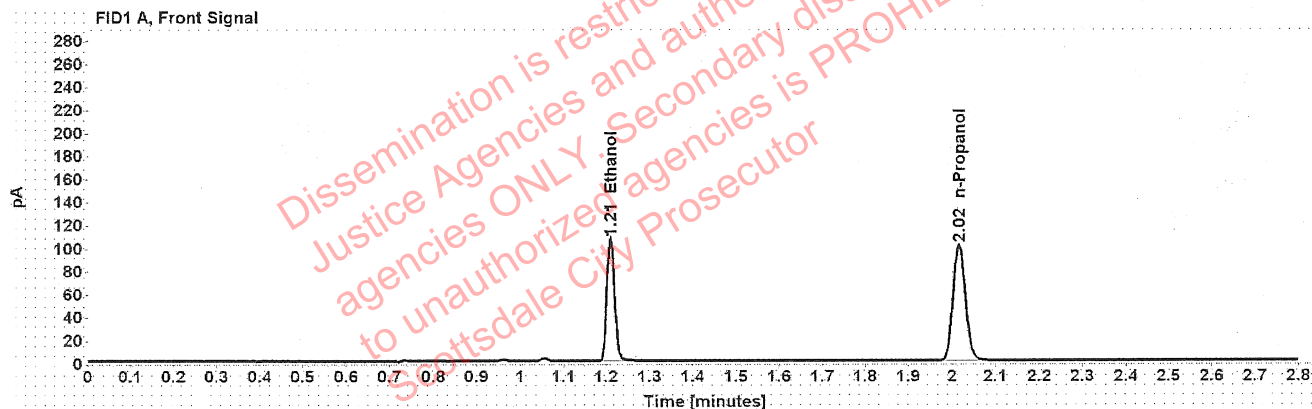


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2146	1.210	134.750
n-Propanol	-----	2.016	200.433

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

Compound	Time (min)	Peak Area
Ethanol	1.374	170.745
n-Propanol	2.467	254.237

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	38101JW	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/8/2022 3:29:20 PM
Data file:	C:\Chem32\1\Data\08Feb22\13.D	Analyst:	Abbott

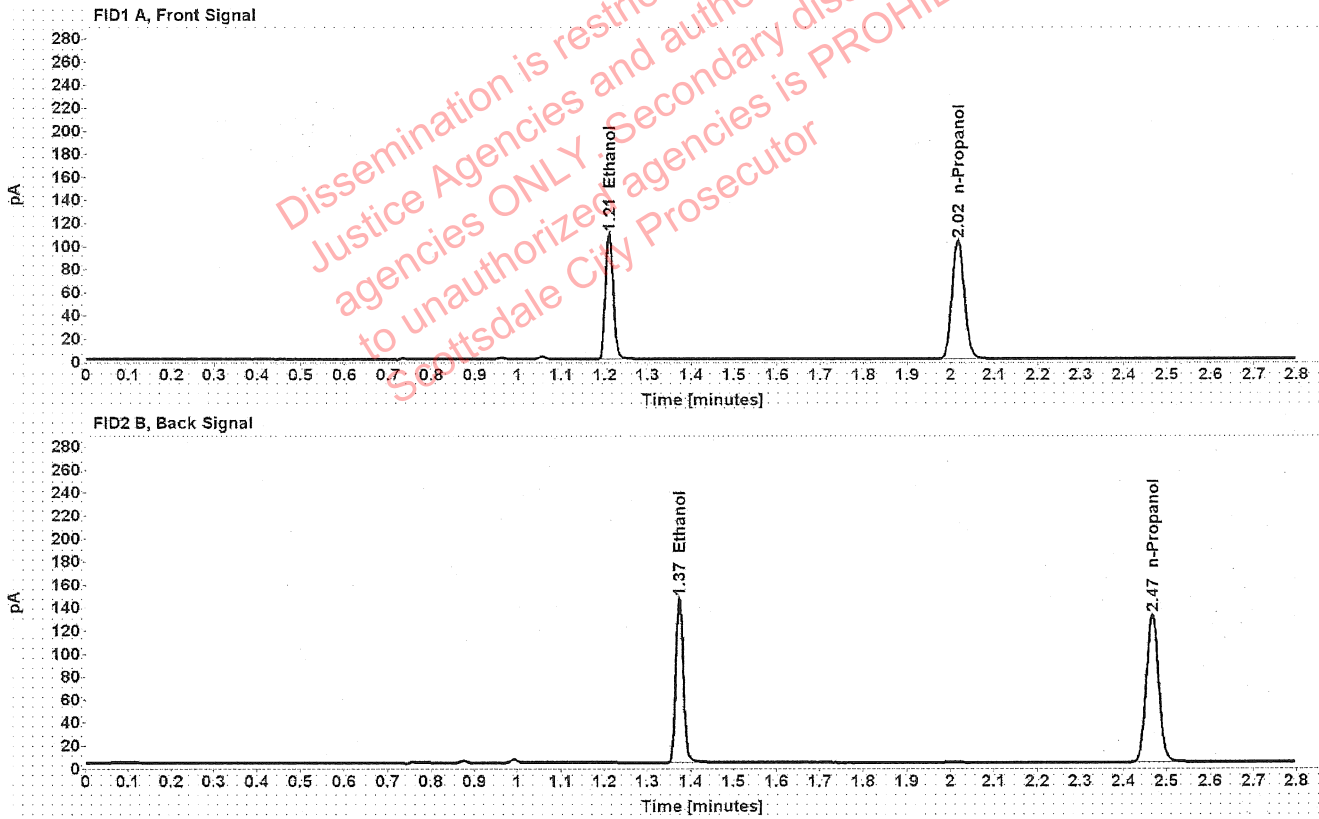


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2156	1.210	138.155
n-Propanol	-----	2.016	204.553

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

Compound	Time (min)	Peak Area
Ethanol	1.374	175.667
n-Propanol	2.467	259.266

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	36801AM	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/8/2022 3:33:21 PM
Data file:	C:\Chem32\1\Data\08Feb22\14.D	Analyst:	Abbott

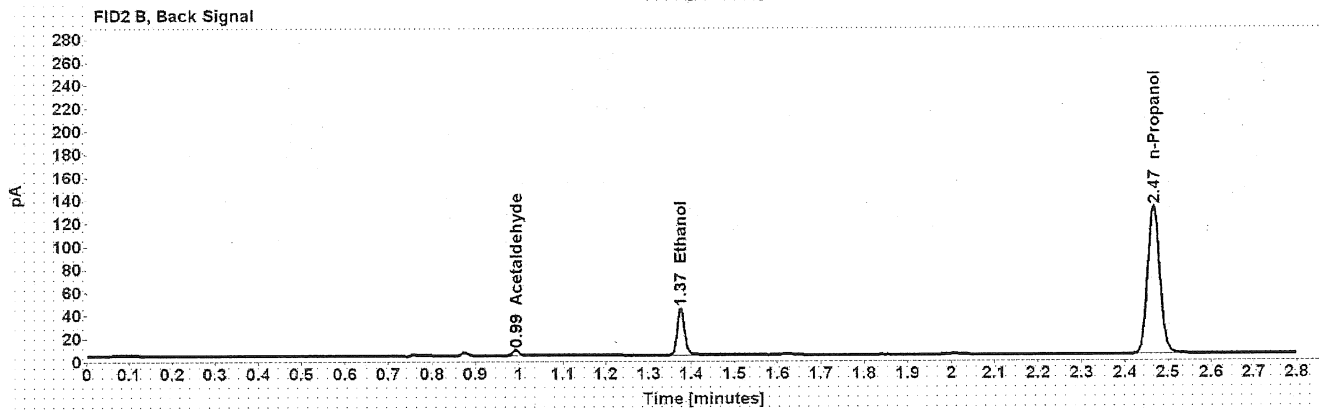
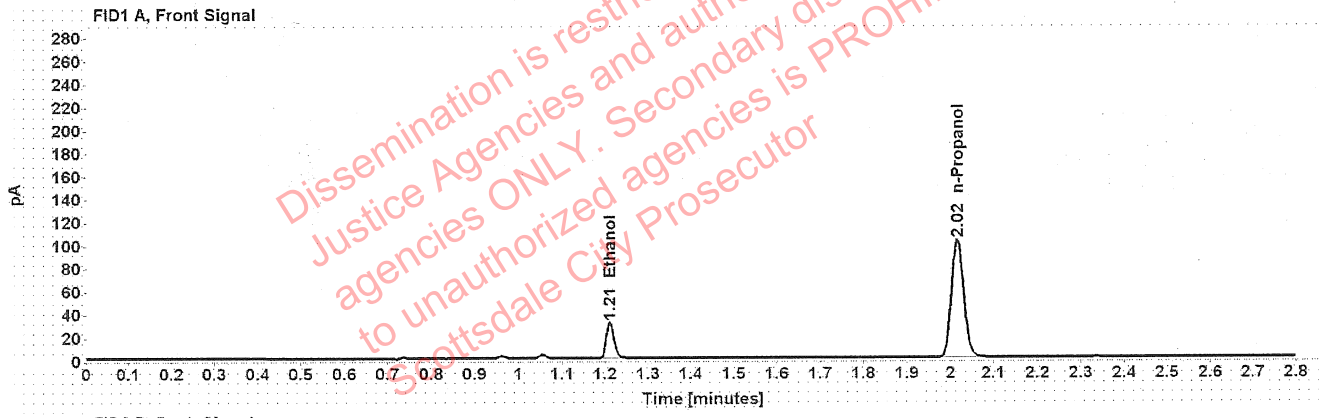


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0628	1.211	39.310
n-Propanol	-----	2.016	202.318

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.580
Ethanol	1.375	50.308
n-Propanol	2.467	257.395

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	36801AM	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/8/2022 3:37:20 PM
Data file:	C:\Chem32\11\Data\08Feb22\15.D	Analyst:	Abbott

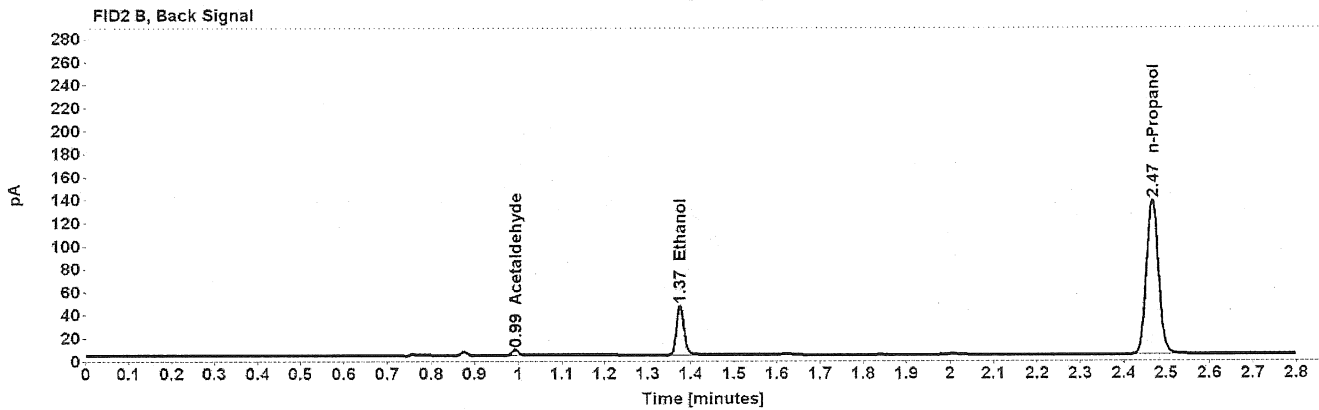
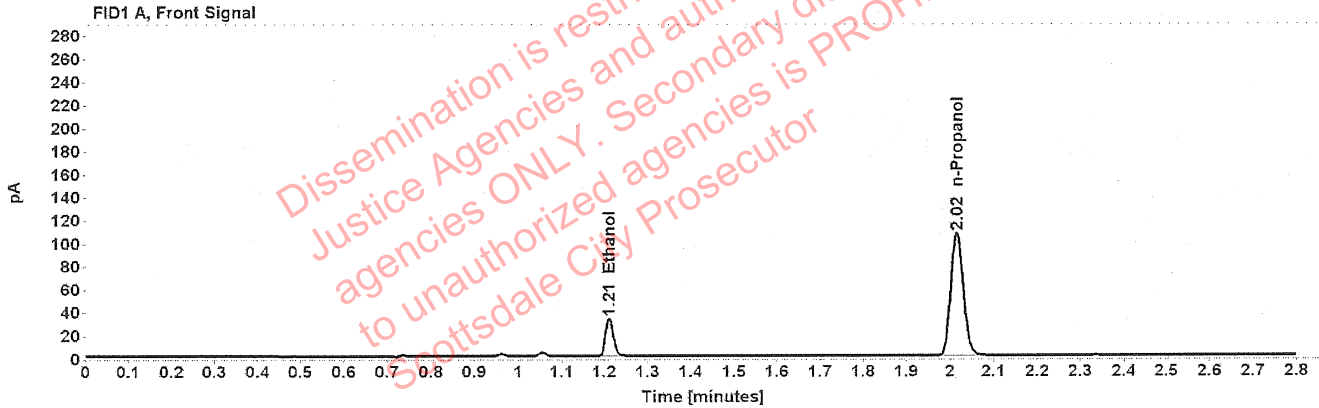


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0635	1.211	41.635
n-Propanol	-----	2.016	211.913

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.685
Ethanol	1.375	53.317
n-Propanol	2.467	269.747

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1373490	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/8/2022 3:41:21 PM
Data file:	C:\Chem32\1\Data\08Feb22\16.D	Analyst:	Abbott

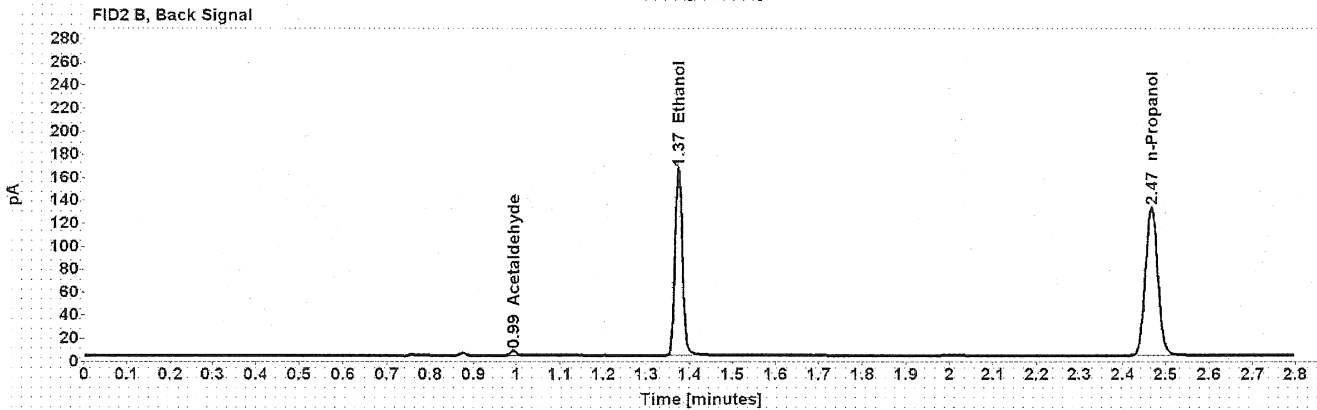
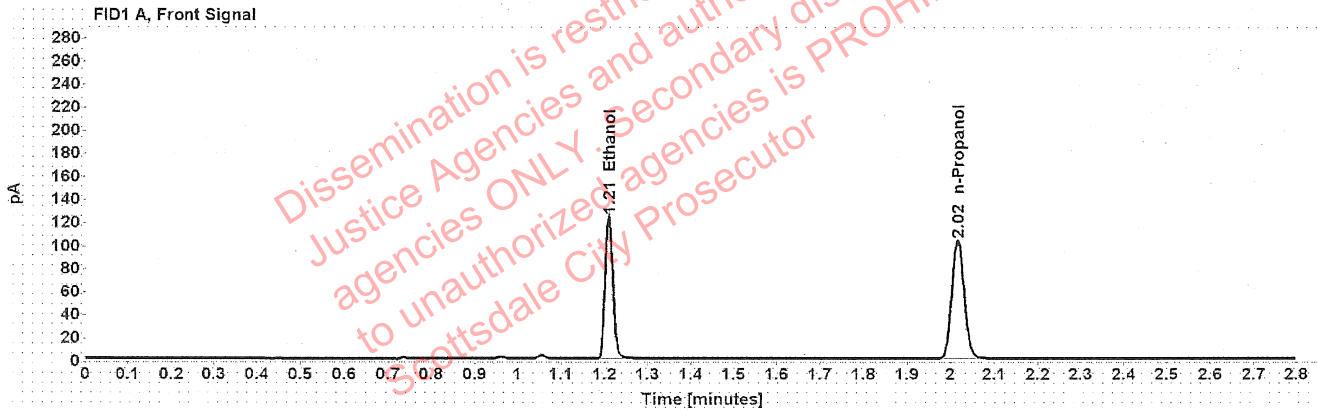


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2440	1.210	156.468
n-Propanol	-----	2.016	204.588

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.212
Ethanol	1.374	198.566
n-Propanol	2.467	259.443

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1373490	Vial: 17
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 08Feb22
Instrument: US14173023 CN14160045	Injection date: 2/8/2022 3:45:20 PM
Data file: C:\Chem32\1\Data\08Feb22\17.D	Analyst: Abbott

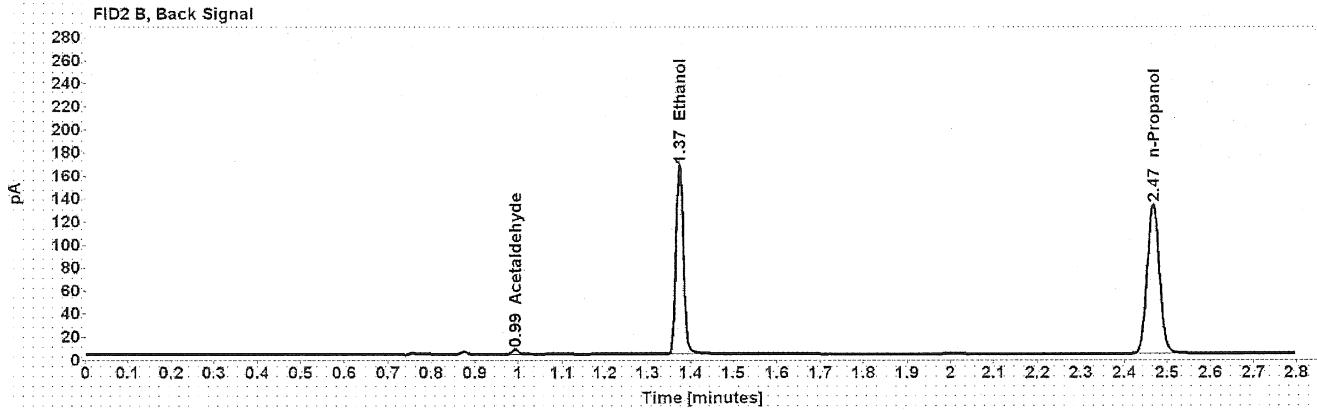
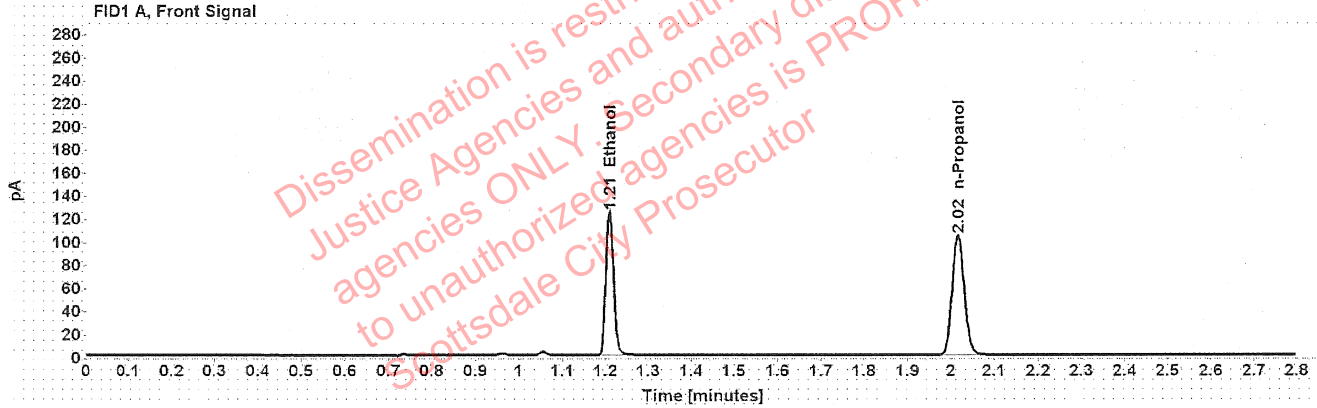


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2438	1.210	157.382
n-Propanol	-----	2.016	205.965

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.175
Ethanol	1.374	200.190
n-Propanol	2.467	261.104

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1377233	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/8/2022 3:49:21 PM
Data file:	C:\Chem32\1\Data\08Feb22\18.D	Analyst:	Abbott

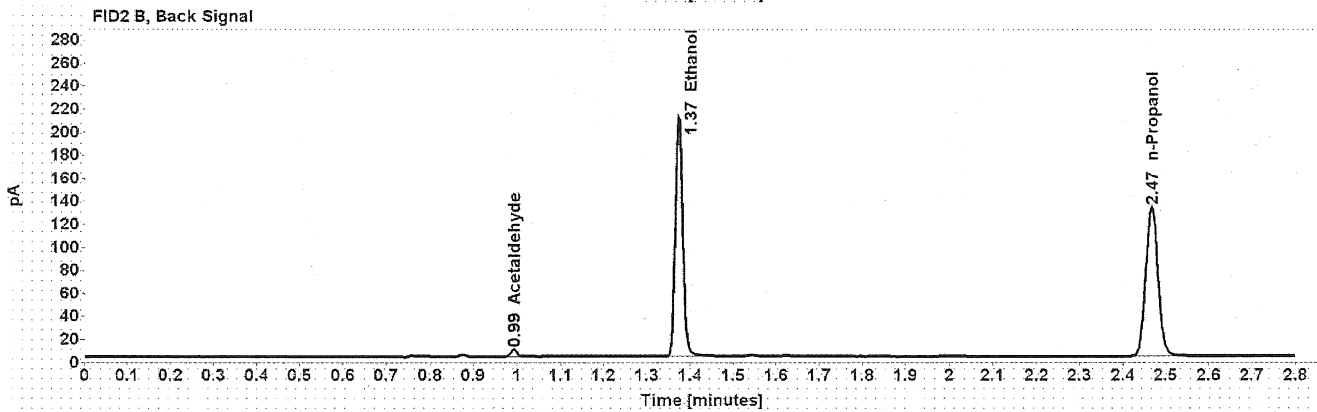
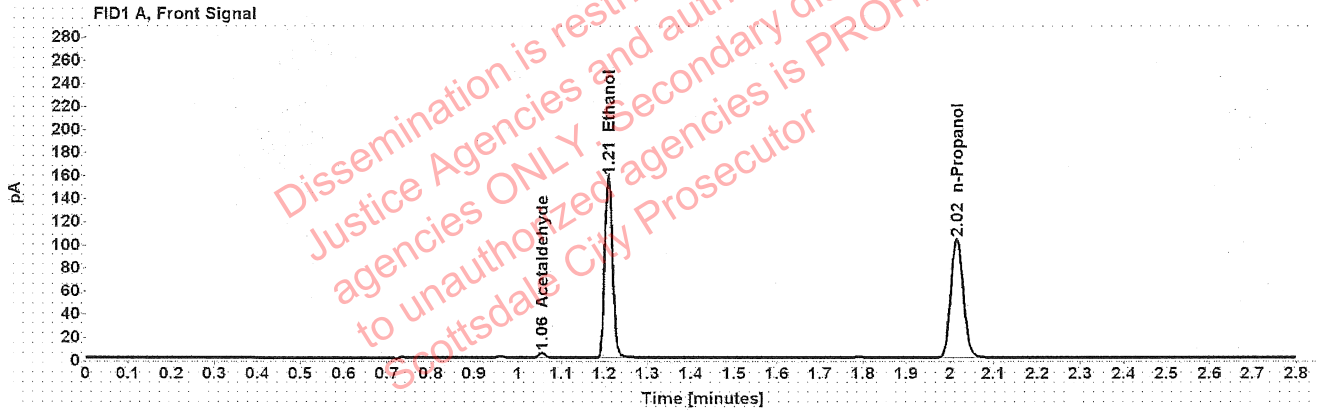


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	4.622
>Ethanol	0.3094	1.210	199.015
n-Propanol	-----	2.016	205.045

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	6.047
Ethanol	1.374	253.105
n-Propanol	2.467	260.746

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1377233	Vial: 19
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 08Feb22
Instrument: US14173023 CN14160045	Injection date: 2/8/2022 3:53:36 PM
Data file: C:\Chem32\1\Data\08Feb22\19.D	Analyst: Abbott

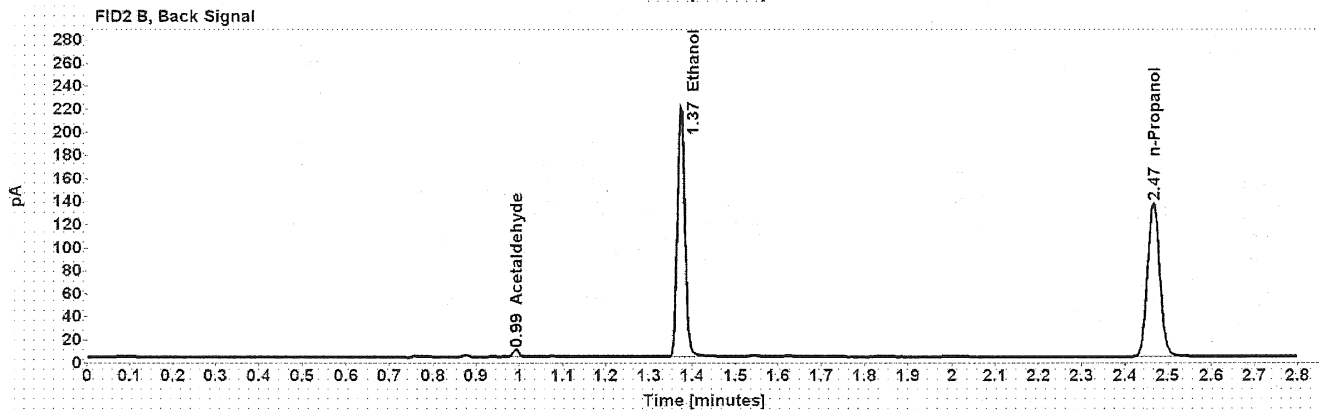
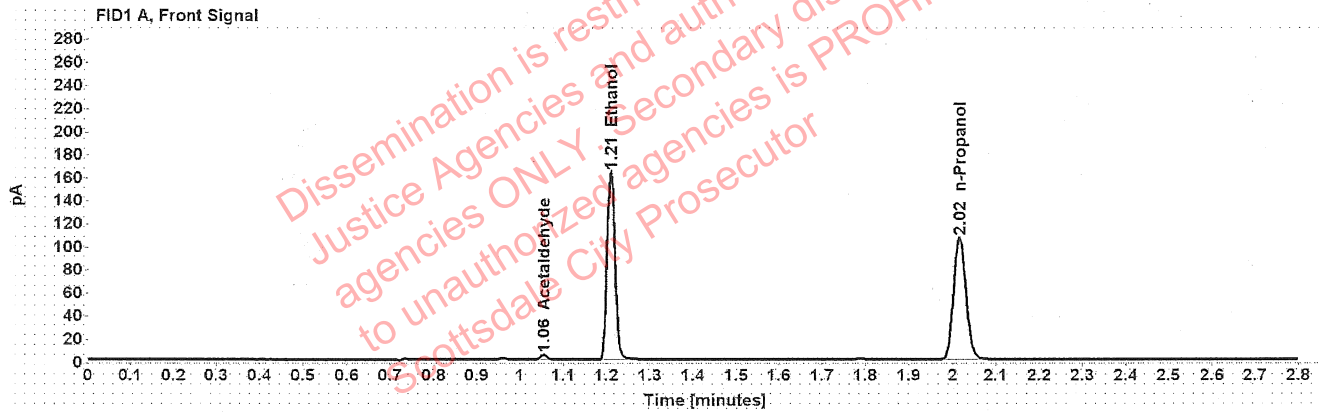


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	4.627
>Ethanol	0.3127	1.210	207.032
n-Propanol	-----	2.016	210.983

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	6.079
Ethanol	1.374	263.029
n-Propanol	2.467	268.204

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1358414	Vial:	21
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	08Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/8/2022 4:01:36 PM
Data file:	C:\Chem32\1\Data\08Feb22\21.D	Analyst:	Abbott

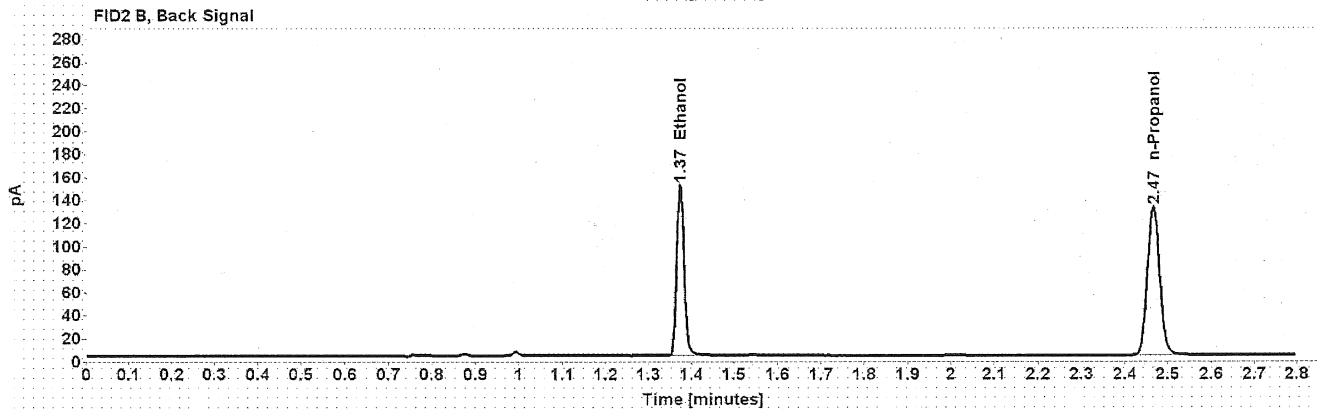
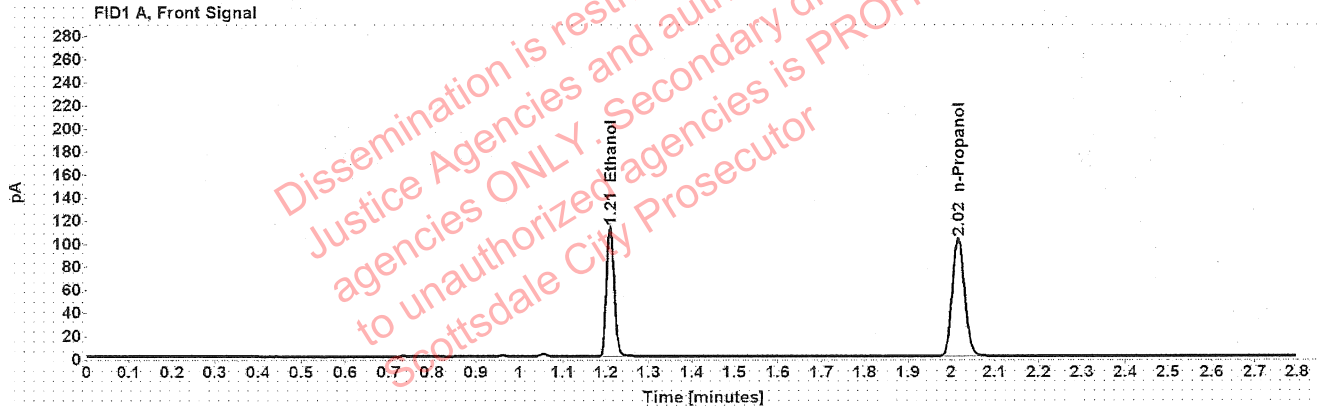


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2228	1.210	142.143
n-Propanol	-----	2.016	203.661

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

Compound	Time (min)	Peak Area
Ethanol	1.374	180.937
n-Propanol	2.467	258.249

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1358414	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/8/2022 4:05:36 PM
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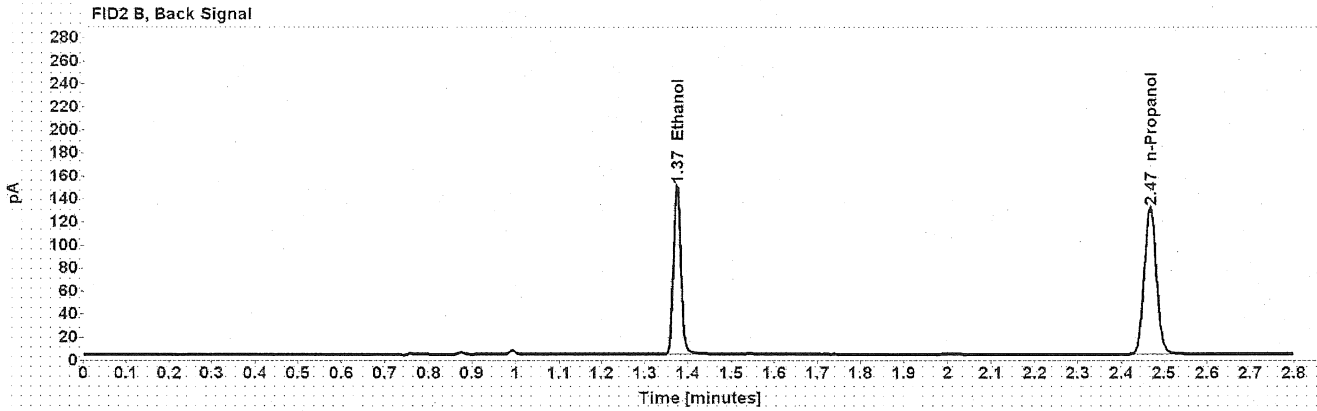
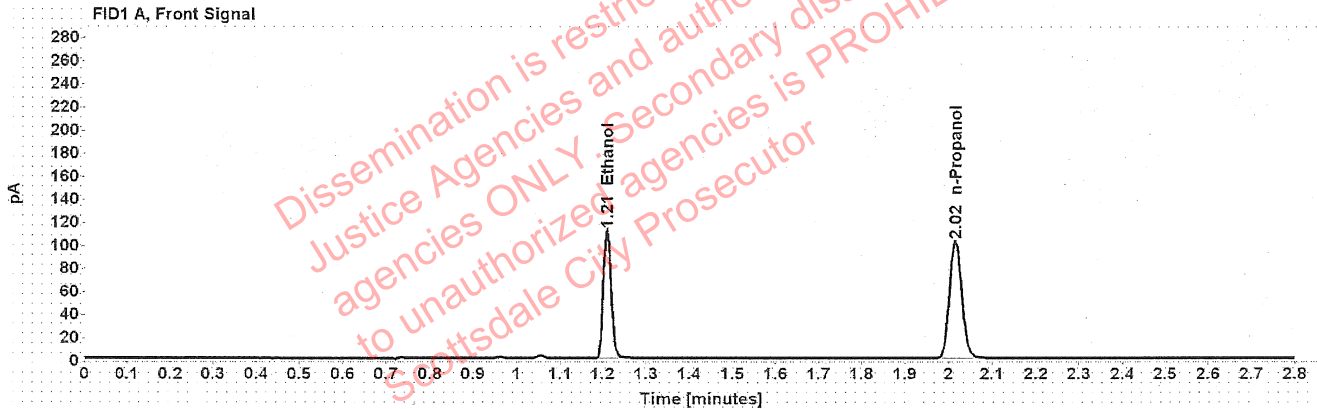


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2220	1.210	140.804
n-Propanol	-----	2.016	202.467

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

Compound	Time (min)	Peak Area
Ethanol	1.374	179.528
n-Propanol	2.467	256.259

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1407108	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/8/2022 4:09:36 PM
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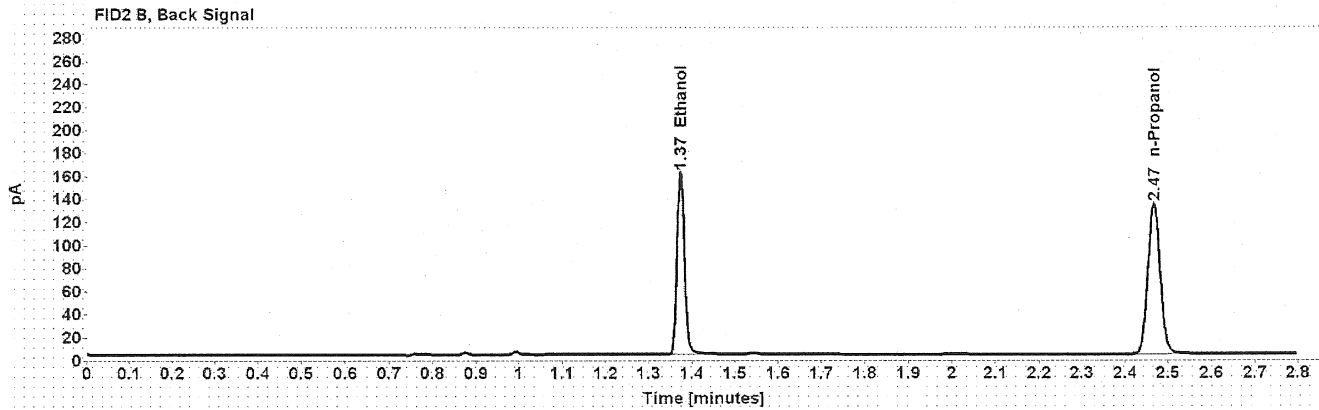
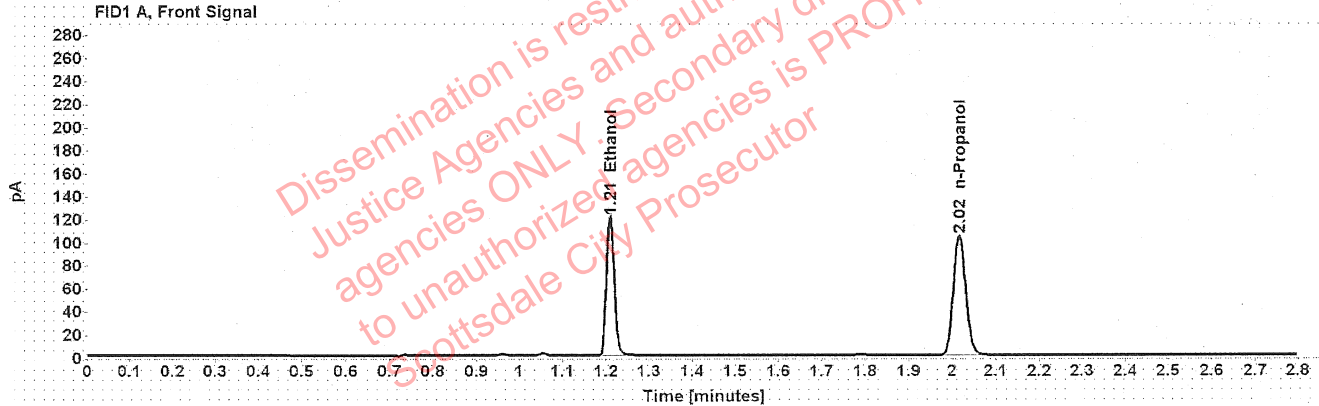


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2351	1.210	152.159
n-Propanol	-----	2.016	206.539

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

Compound	Time (min)	Peak Area
Ethanol	1.374	193.827
n-Propanol	2.467	263.360

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1407108	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/8/2022 4:13:36 PM
Data file:	C:\Chem32\1\Data\08Feb22\24.D	Analyst:	Abbott

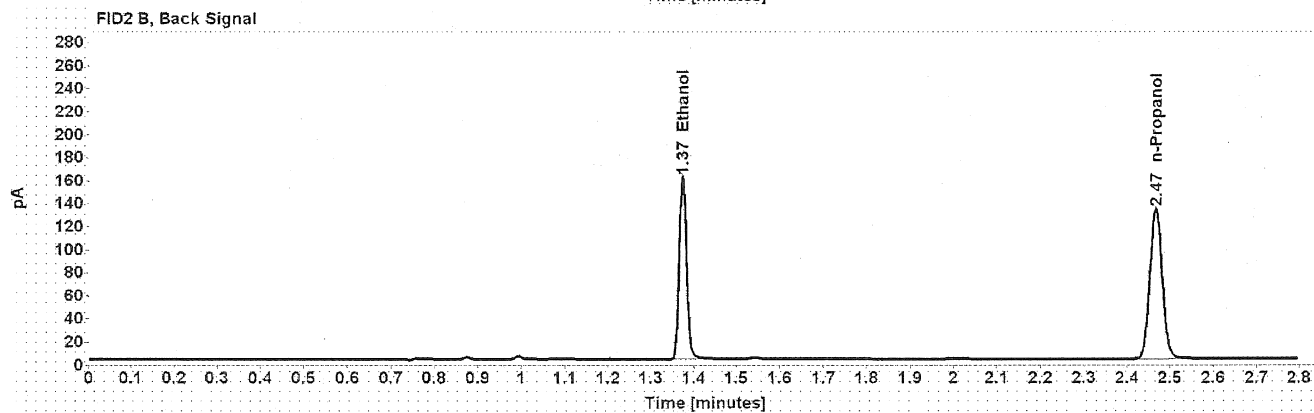
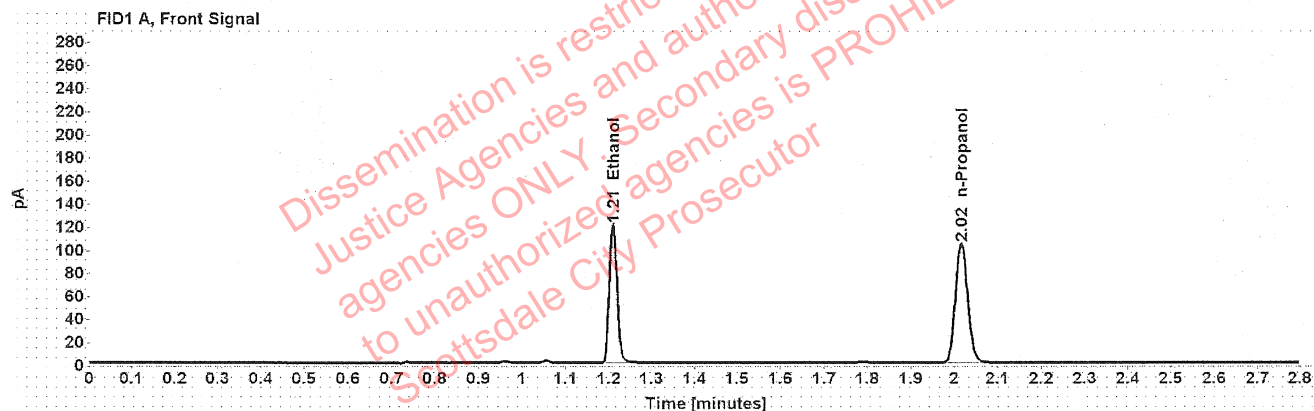


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2349	1.210	151.835
n-Propanol	-----	2.016	206.281

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

Compound	Time (min)	Peak Area
Ethanol	1.374	193.124
n-Propanol	2.467	262.936

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1407005	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/8/2022 4:17:51 PM
Data file:	C:\Chem32\1\Data\08Feb22\25.D	Analyst:	Abbott

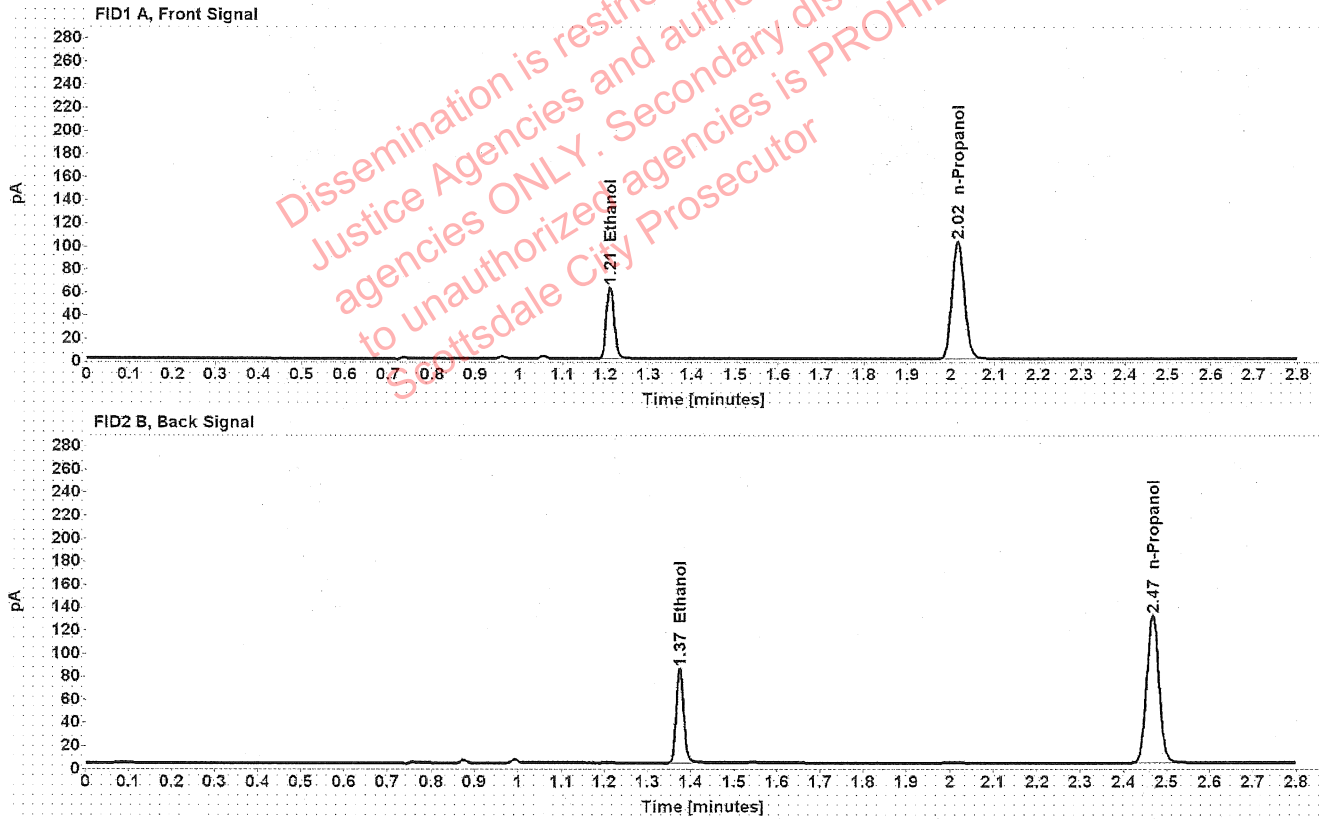


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1254	1.211	79.581
n-Propanol	-----	2.016	203.327

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

Compound	Time (min)	Peak Area
Ethanol	1.374	100.562
n-Propanol	2.467	257.830

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1407005	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/8/2022 4:21:50 PM
Data file:	C:\Chem32\1\Data\08Feb22\26.D	Analyst:	Abbott

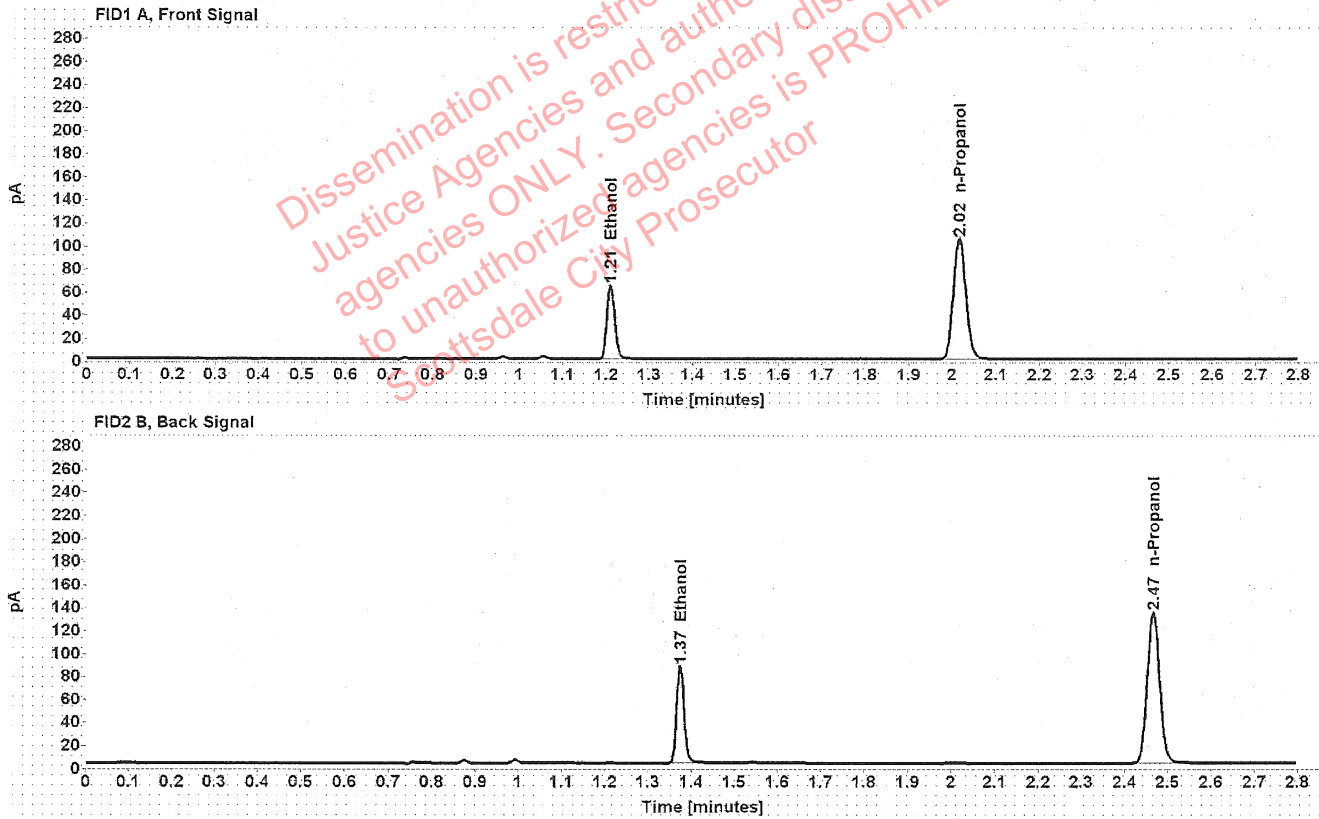


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1259	1.210	81.749
n-Propanol	-----	2.016	208.086

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

Compound	Time (min)	Peak Area
Ethanol	1.374	103.480
n-Propanol	2.467	263.859

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1407405	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/8/2022 4:25:51 PM
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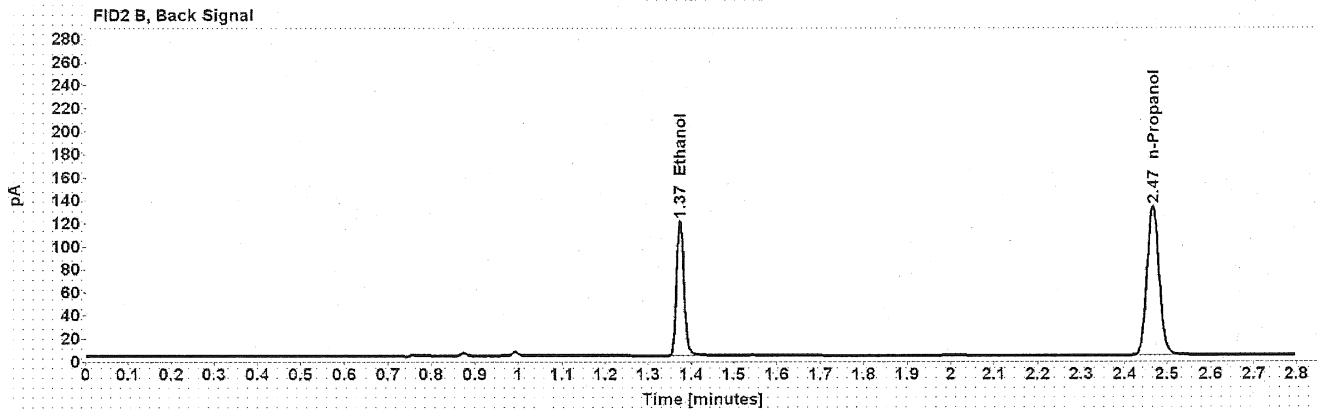
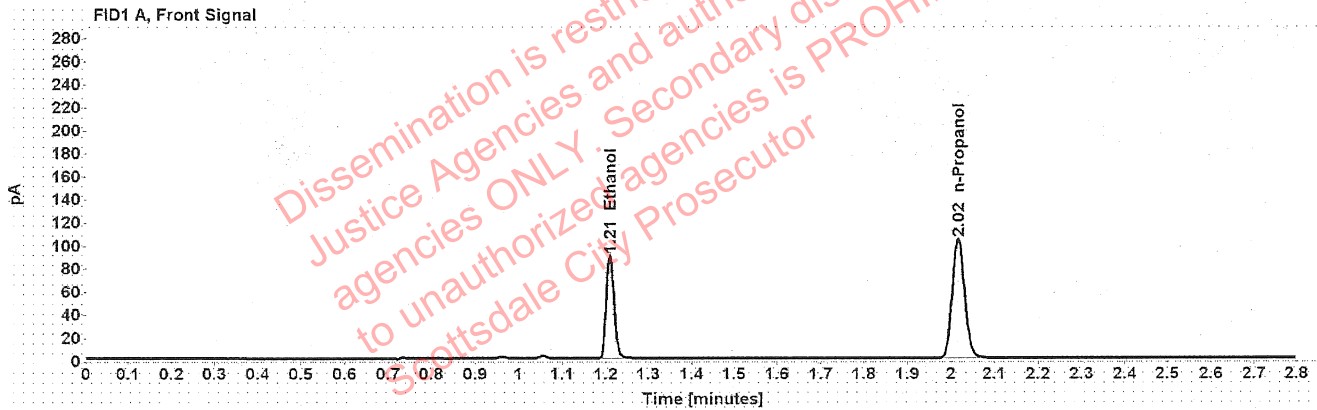


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1757	1.210	113.242
n-Propanol	-----	2.016	205.933

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

Compound	Time (min)	Peak Area
Ethanol	1.374	143.465
n-Propanol	2.467	261.385

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1407405	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/8/2022 4:29:51 PM
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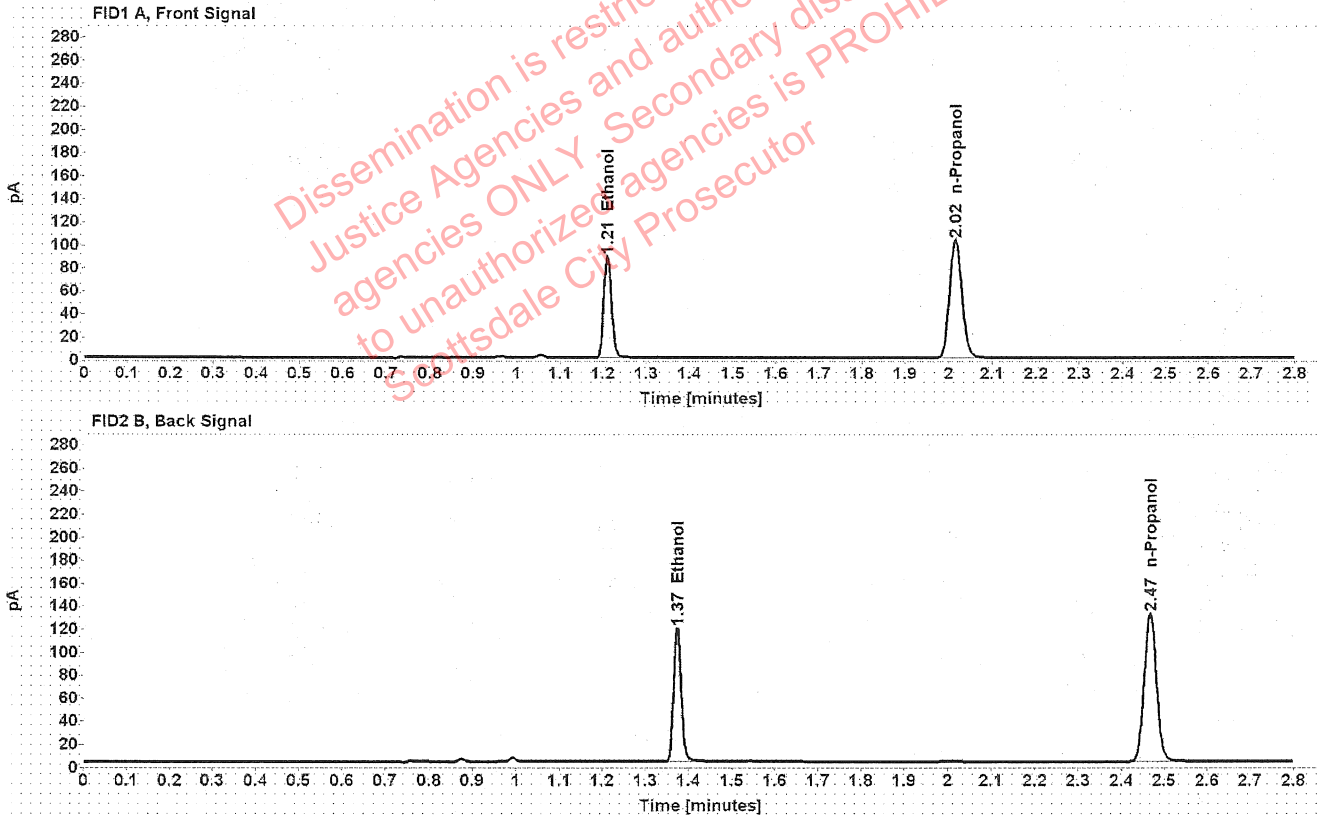


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1753	1.210	112.018
n-Propanol	-----	2.016	204.178

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

Compound	Time (min)	Peak Area
Ethanol	1.374	141.865
n-Propanol	2.467	259.013

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1406704	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/8/2022 4:33:51 PM
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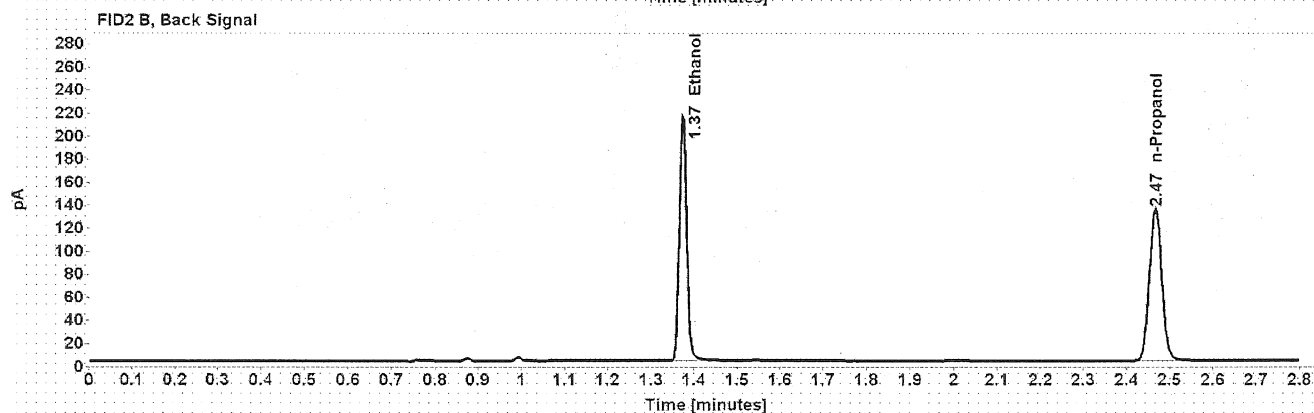
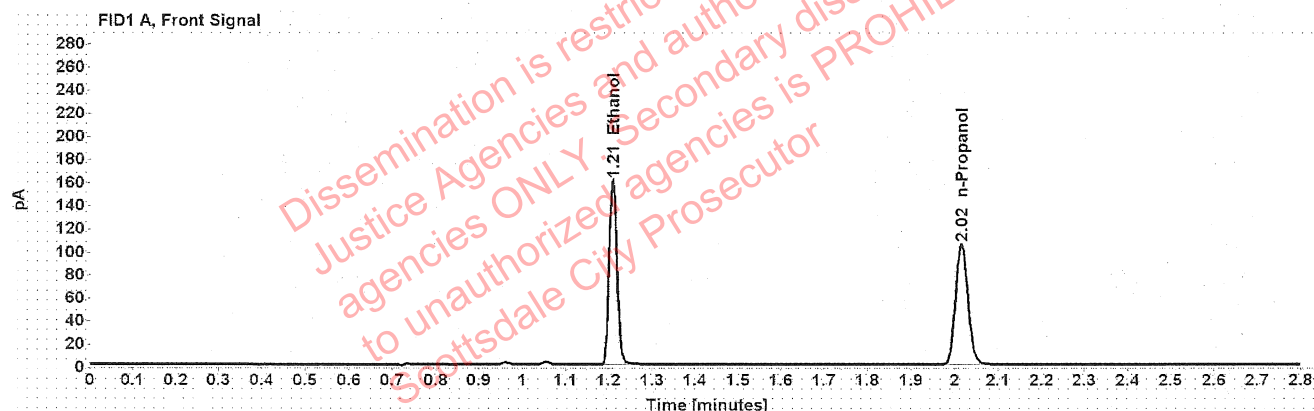


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3101	1.210	202.712
n-Propanol	-----	2.016	208.370

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

Compound	Time (min)	Peak Area
Ethanol	1.374	258.023
n-Propanol	2.467	264.327

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1406704	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/8/2022 4:37:51 PM
Data file:	C:\Chem32\1\Data\08Feb22\30.D	Analyst:	Abbott

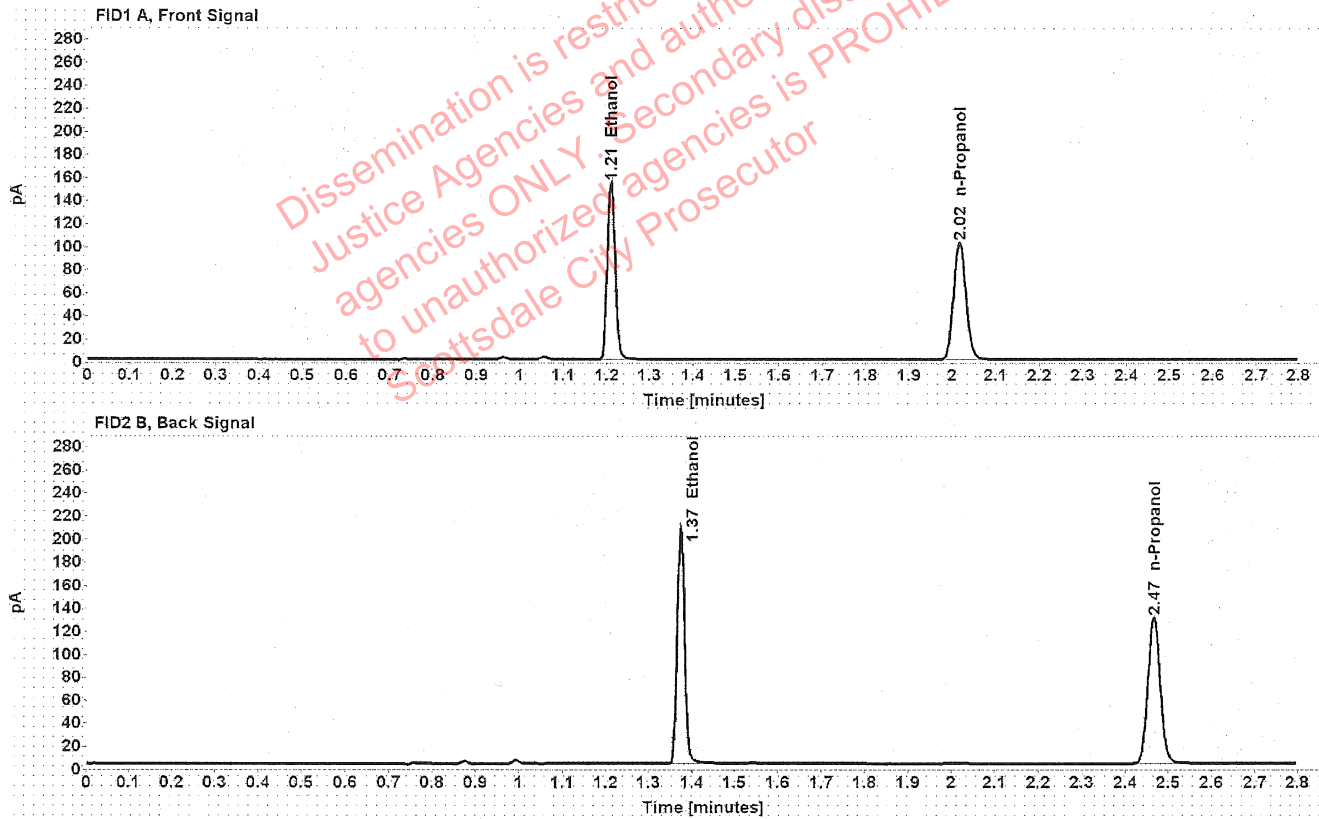


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3075	1.210	195.217
n-Propanol	-----	2.016	202.343

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

Compound	Time (min)	Peak Area
Ethanol	1.374	248.276
n-Propanol	2.467	256.746

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1407409	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/8/2022 4:46:06 PM
Data file:	C:\Chem32\1\Data\08Feb22\32.D	Analyst:	Abbott

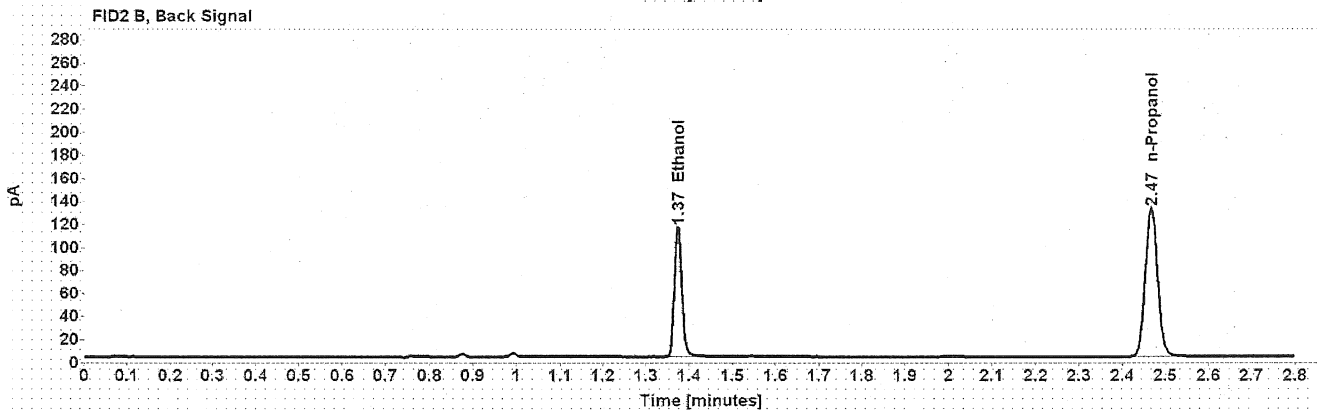
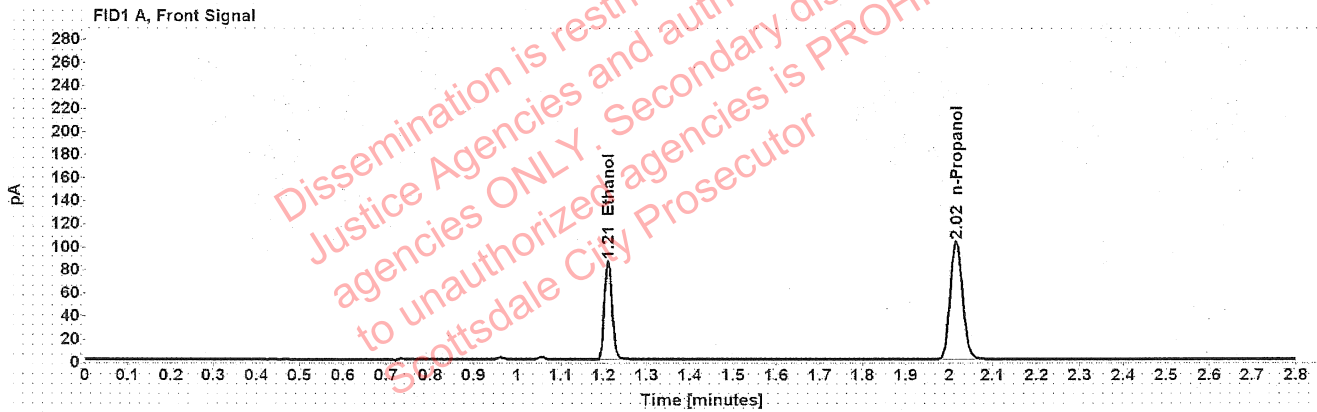


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1705	1.210	108.614
n-Propanol	-----	2.016	203.642

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

Compound	Time (min)	Peak Area
Ethanol	1.374	137.629
n-Propanol	2.467	258.369

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1407409	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/8/2022 4:50:06 PM
Data file:	C:\Chem32\1\Data\08Feb22\33.D	Analyst:	Abbott

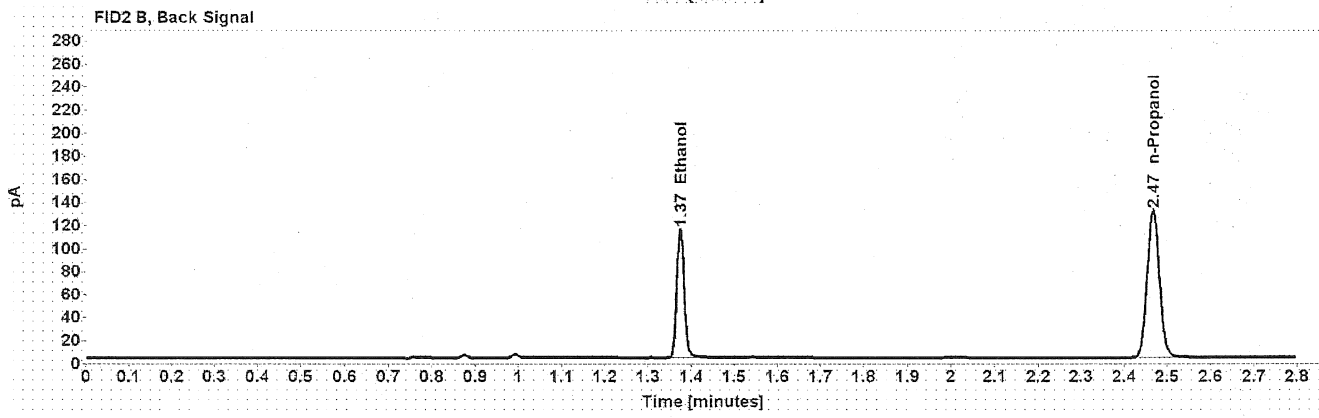
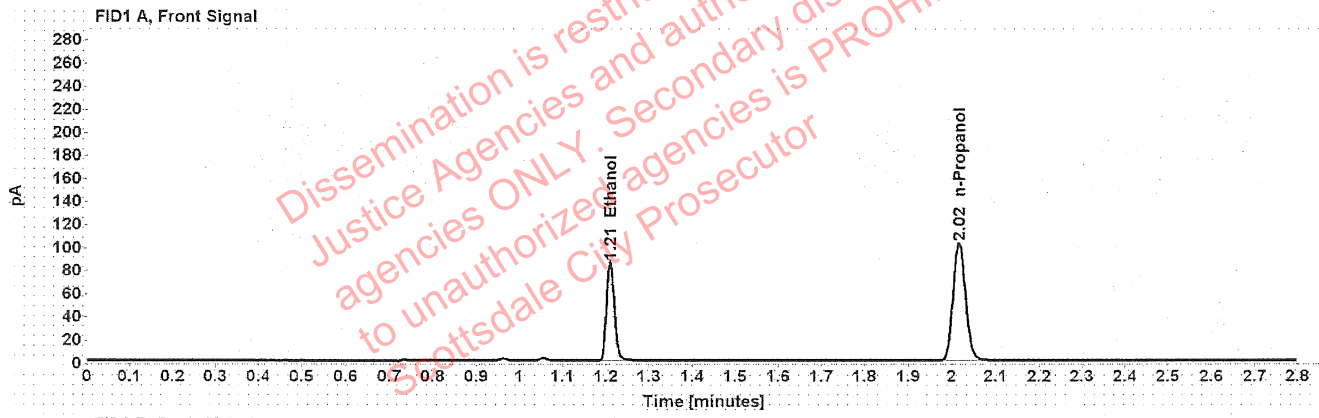


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1706	1.210	108.209
n-Propanol	-----	2.016	202.754

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

Compound	Time (min)	Peak Area
Ethanol	1.374	137.279
n-Propanol	2.467	257.529

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1407418	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/8/2022 4:54:06 PM
Data file:	C:\Chem32\1\Data\08Feb22\34.D	Analyst:	Abbott

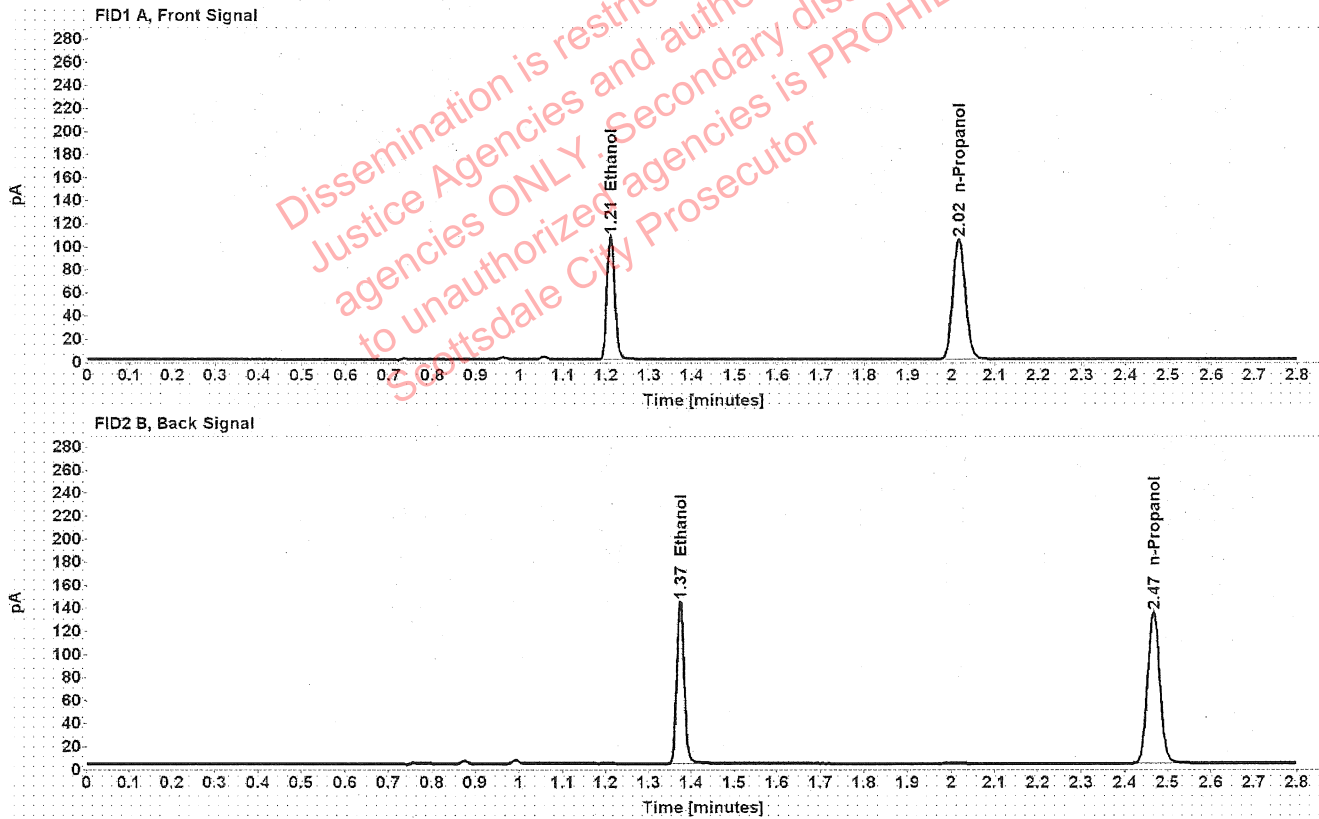


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2079	1.210	135.367
n-Propanol	-----	2.016	207.905

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

Compound	Time (min)	Peak Area
Ethanol	1.374	171.665
n-Propanol	2.467	263.575

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1407418	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/8/2022 4:58:06 PM
Data file:	C:\Chem32\1\Data\08Feb22\35.D	Analyst:	Abbott

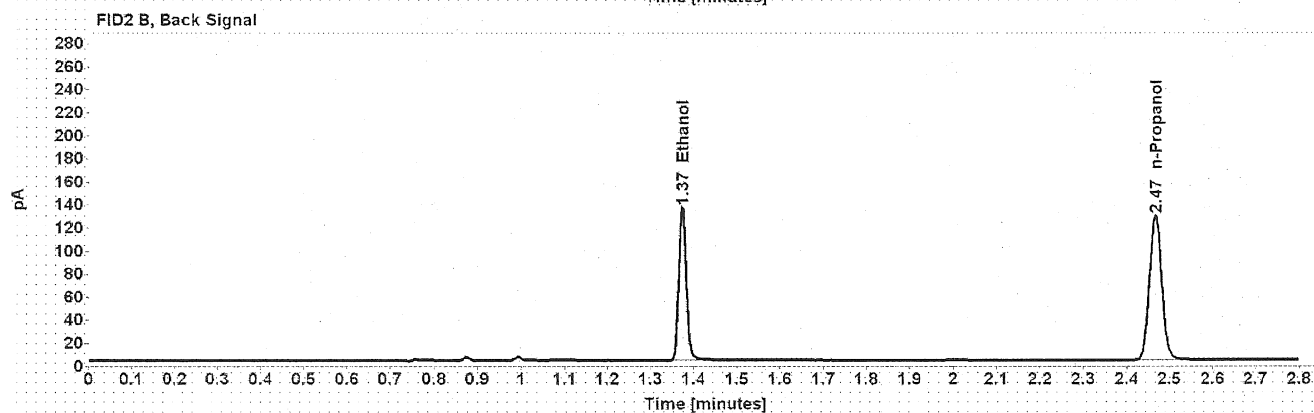
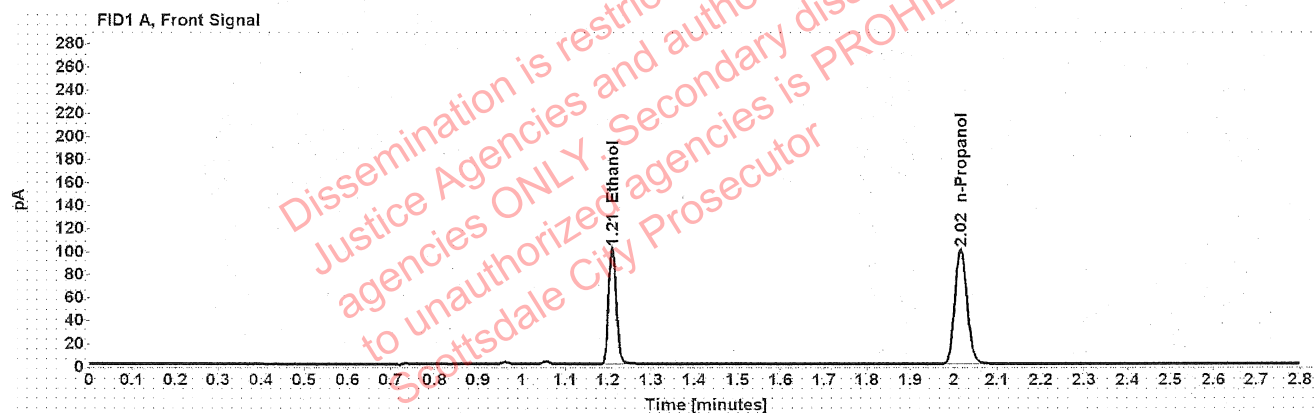


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2055	1.210	128.025
n-Propanol	-----	2.016	198.972

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

Compound	Time (min)	Peak Area
Ethanol	1.374	162.619
n-Propanol	2.467	252.380

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1407707	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/8/2022 5:02:06 PM
Data file:	C:\Chem32\1\Data\08Feb22\36.D	Analyst:	Abbott

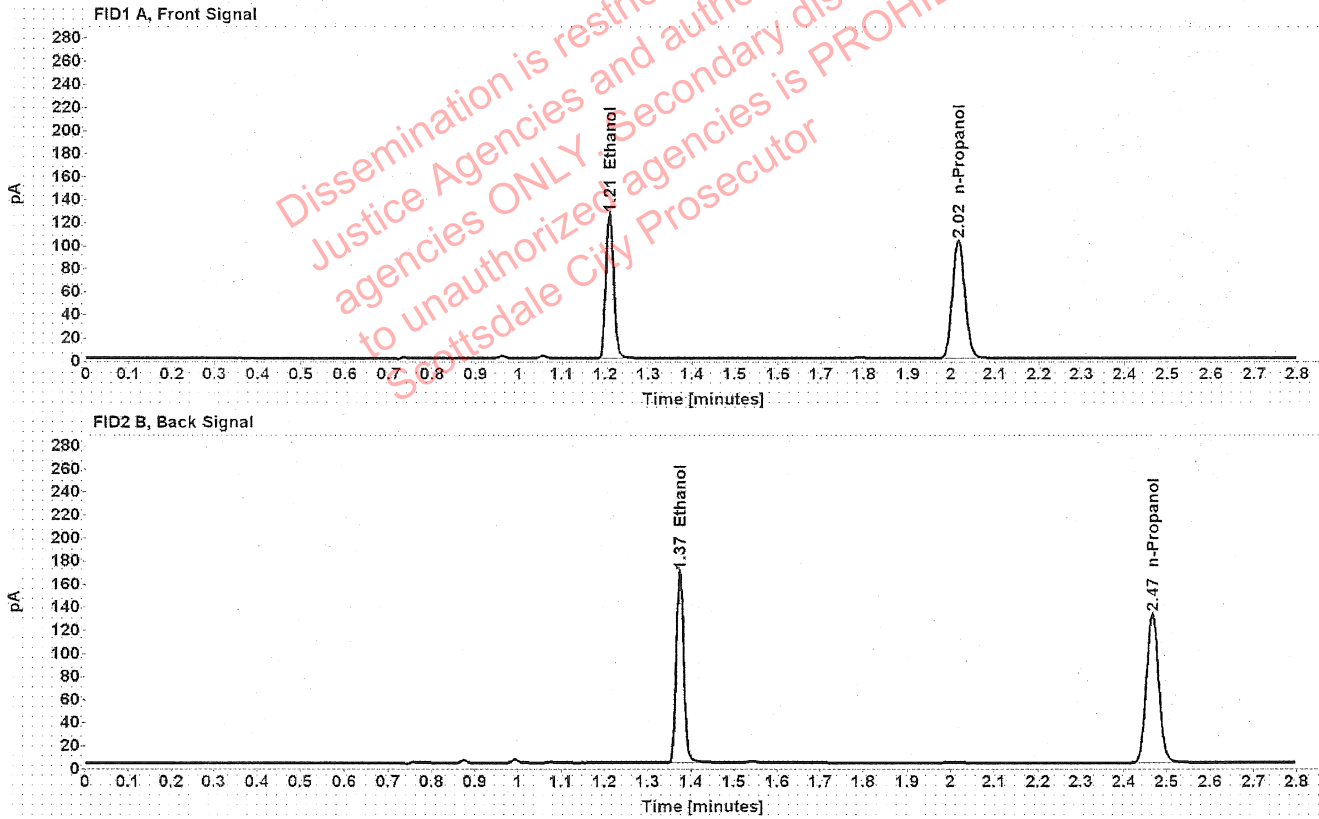


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2483	1.210	159.182
n-Propanol	-----	2.016	204.550

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

Compound	Time (min)	Peak Area
Ethanol	1.374	202.684
n-Propanol	2.467	259.127

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1407707	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/8/2022 5:06:21 PM
Data file:	C:\Chem32\1\Data\08Feb22\37.D	Analyst:	Abbott

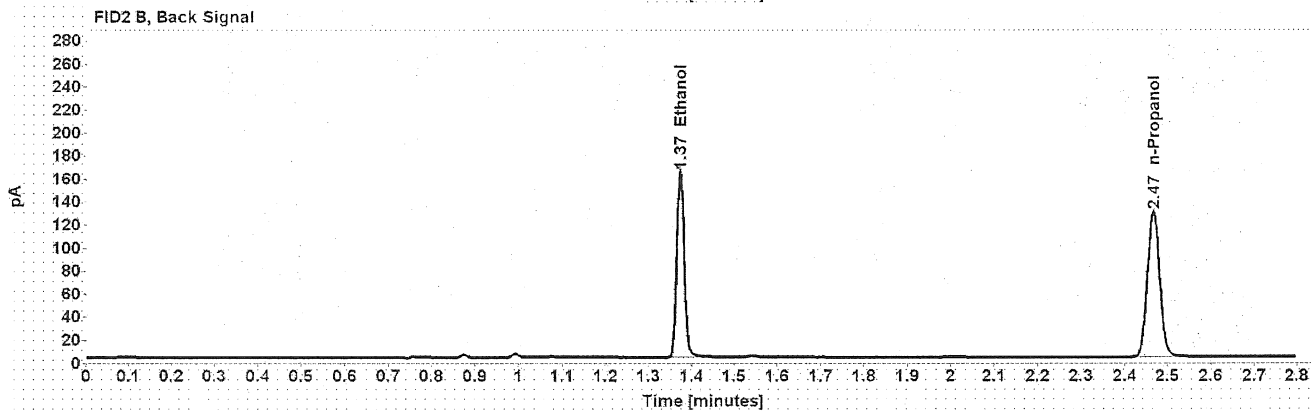
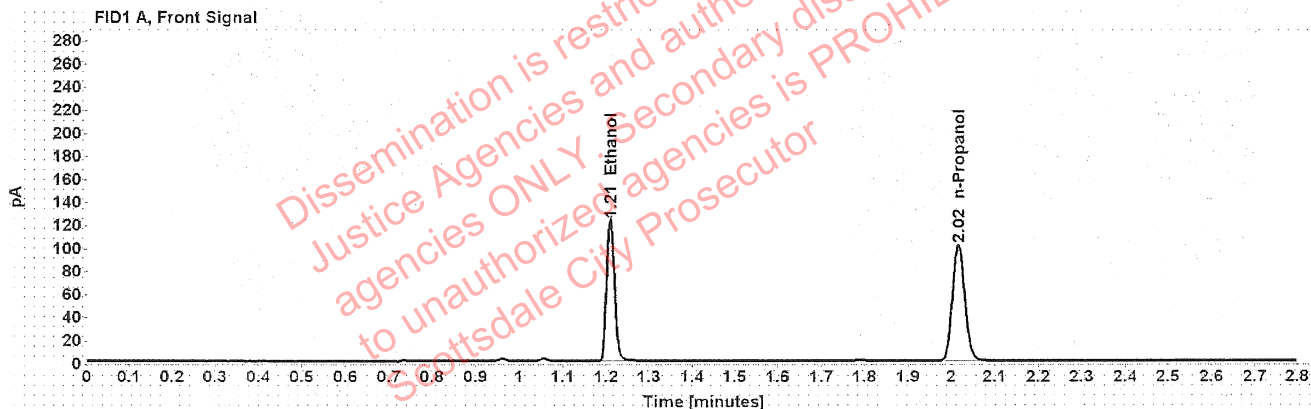


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2473	1.210	155.579
n-Propanol	-----	2.016	200.668

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

Compound	Time (min)	Peak Area
Ethanol	1.374	197.555
n-Propanol	2.467	254.122

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1404879	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/8/2022 5:10:21 PM
Data file:	C:\Chem32\1\Data\08Feb22\38.D	Analyst:	Abbott

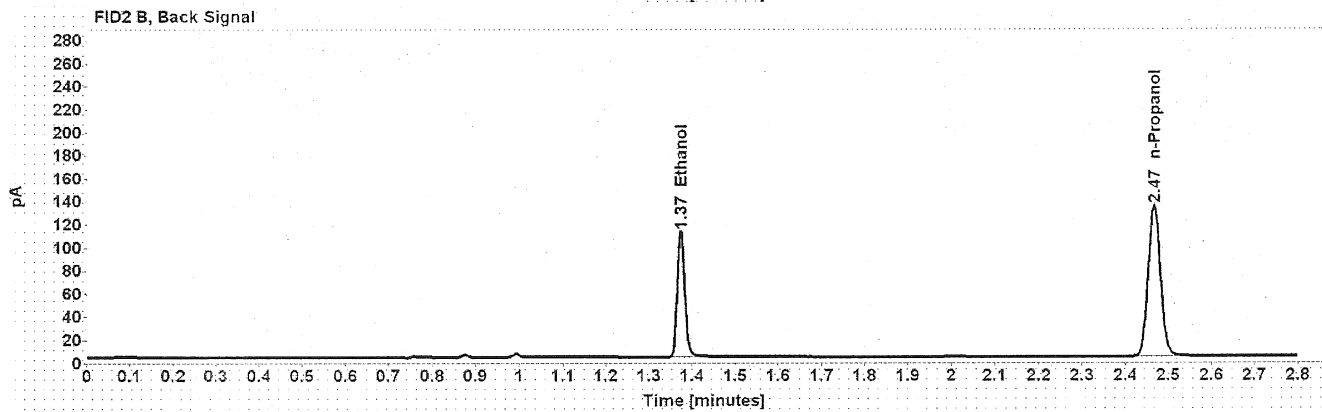
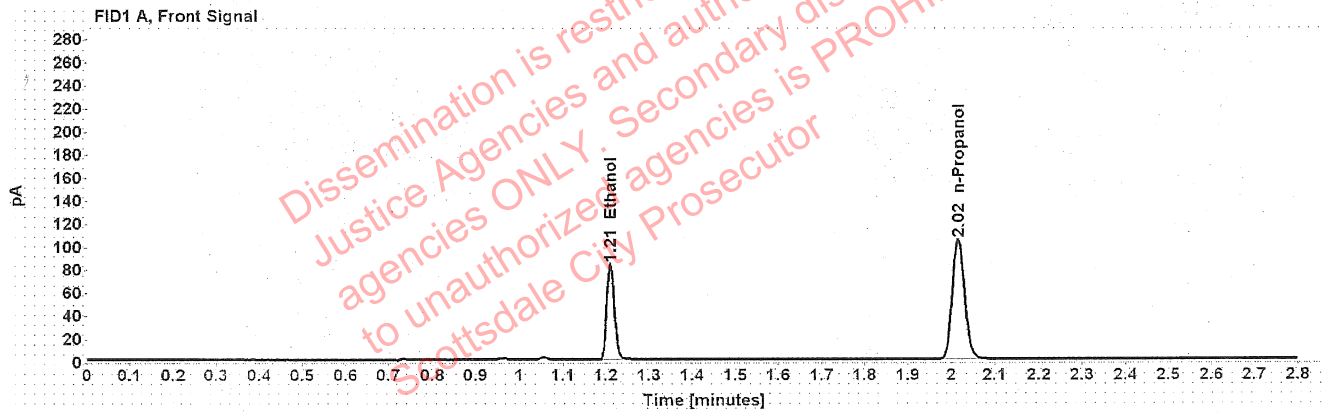


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1621	1.210	105.092
n-Propanol	-----	2.016	207.337

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

Compound	Time (min)	Peak Area
Ethanol	1.374	133.103
n-Propanol	2.467	263.420

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1404879	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/8/2022 5:14:20 PM
Data file:	C:\Chem32\1\Data\08Feb22\39.D	Analyst:	Abbott

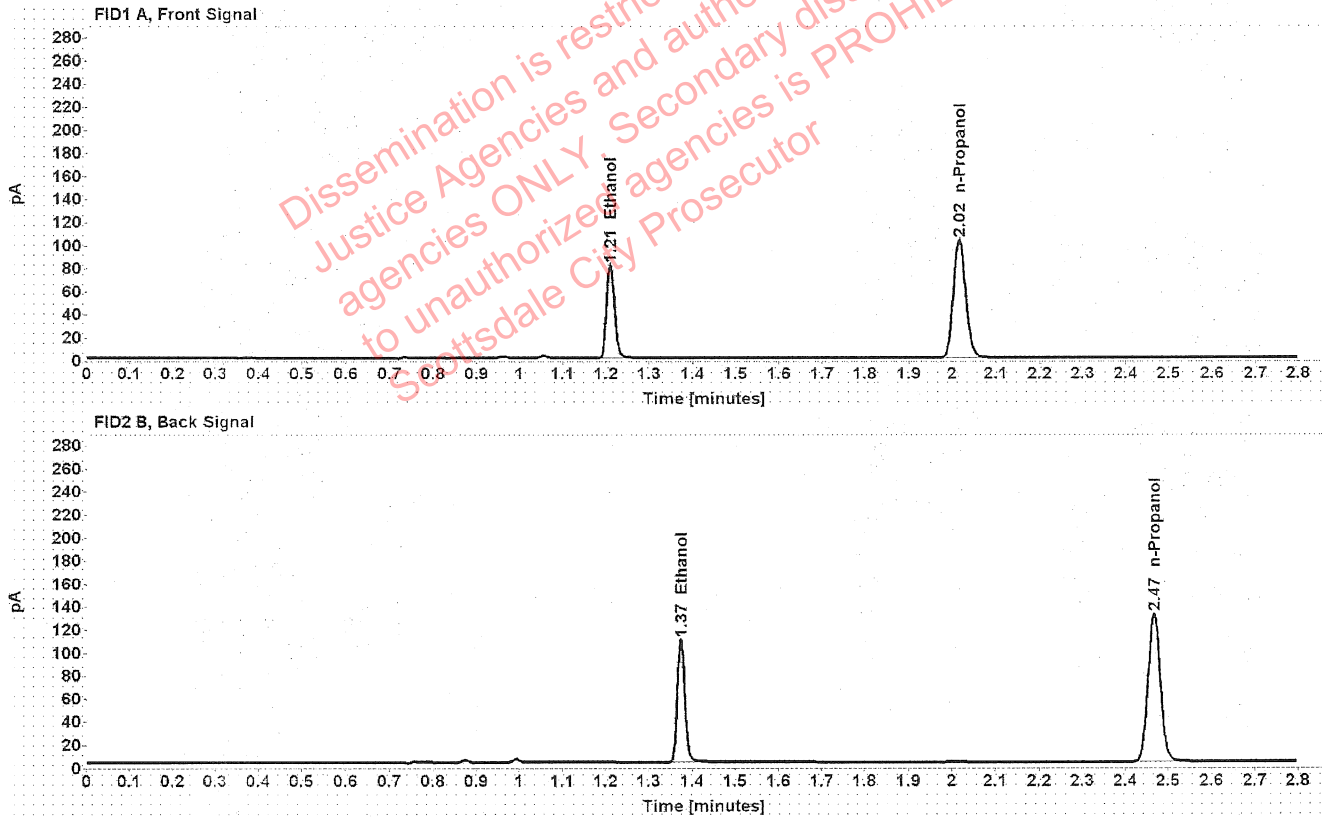


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1612	1.210	102.978
n-Propanol	-----	2.016	204.296

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

Compound	Time (min)	Peak Area
Ethanol	1.374	130.732
n-Propanol	2.467	259.351

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1407860	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/8/2022 5:18:20 PM
Data file:	C:\Chem32\1\Data\08Feb22\40.D	Analyst:	Abbott

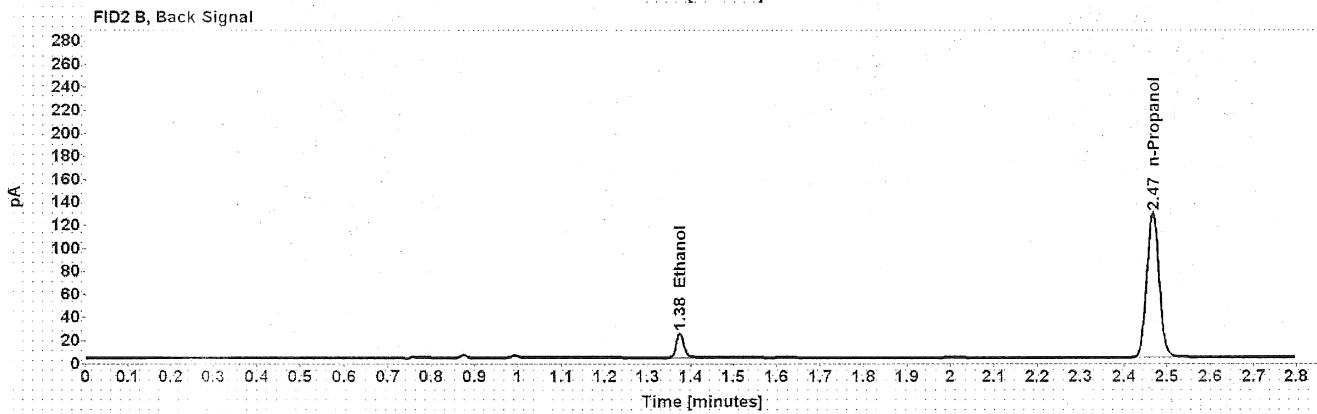
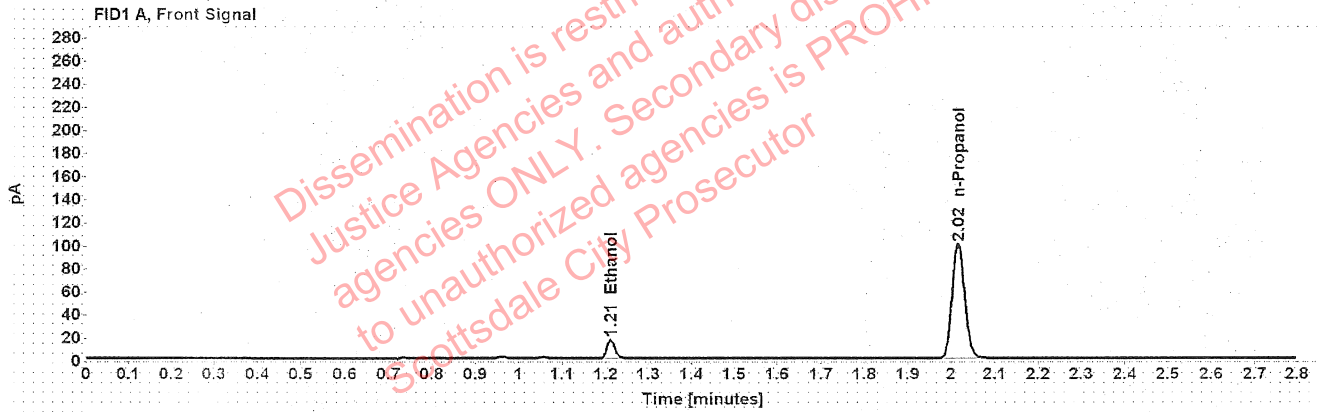


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0347	1.212	21.015
n-Propanol	-----	2.016	198.645

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

Compound	Time (min)	Peak Area
Ethanol	1.375	26.979
n-Propanol	2.466	252.298

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1407860	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/8/2022 5:22:21 PM
Data file:	C:\Chem32\1\Data\08Feb22\41.D	Analyst:	Abbott

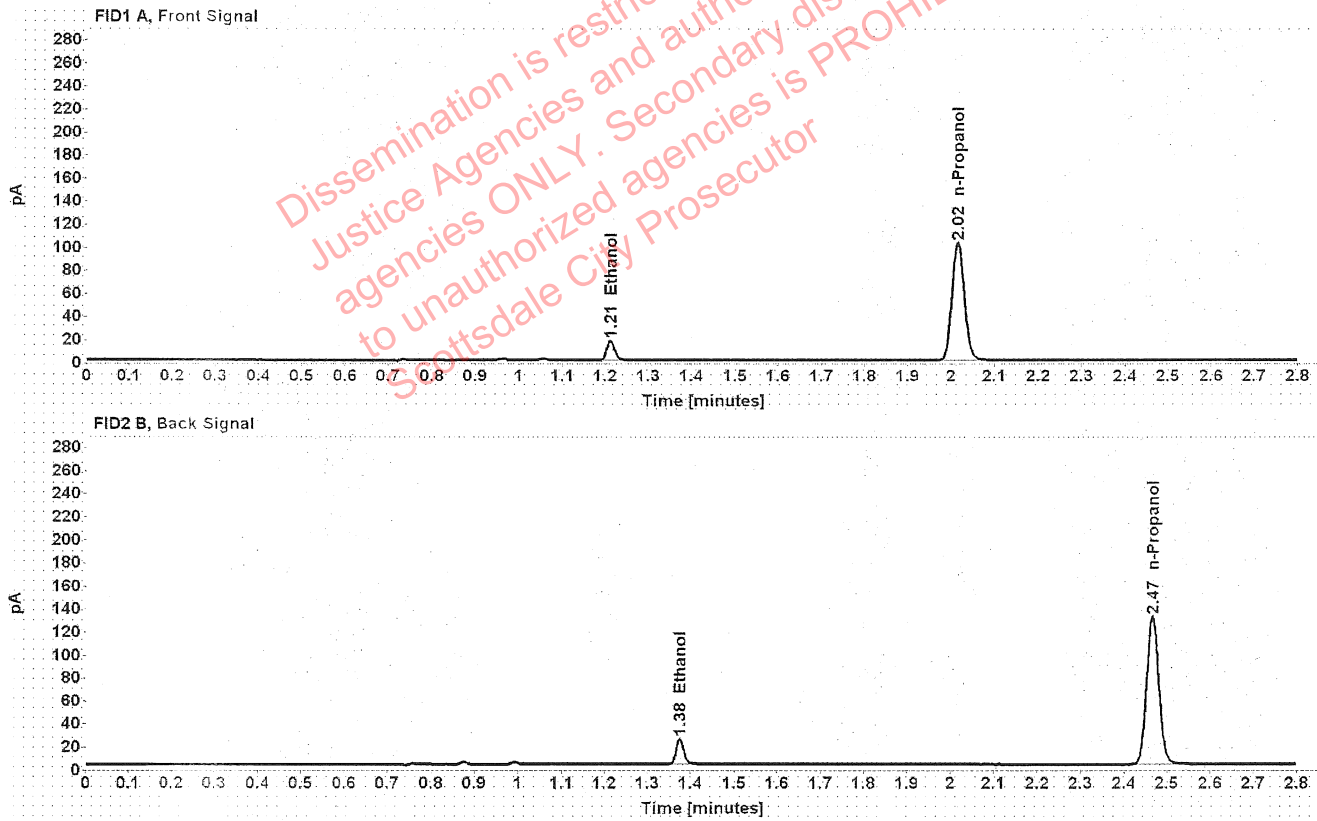


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0348	1.212	21.575
n-Propanol	-----	2.016	203.478

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

Compound	Time (min)	Peak Area
Ethanol	1.375	27.531
n-Propanol	2.467	258.614