

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 1/4/22 SEQUENCE NAME 04Jan22

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 100421AQ
6	Volatiles mix	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.399 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	0.203 g/dL	ACQ 4110320133/2
20	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 20012020-B
31	Blood control	0.199 g/dL	0.204 g/dL	ACQ 4110320133/2
42	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 20012020-B
49	Aqueous control	0.400 g/dL	0.405 g/dL	Lipomed 11092018-A
50	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 14082019-B
51	Blood control	0.199 g/dL	0.203 g/dL	ACQ 4110320133/2
52	Blank	Not detected	Not detected	SPD lab 101921WB

SUBJECT SAMPLES

Subjects in the sequence 14 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected. The run also included four proficiency samples.

Run valid Run invalid Shirley Brook Analyst
 Run valid Run invalid Jan Abbott Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

PB

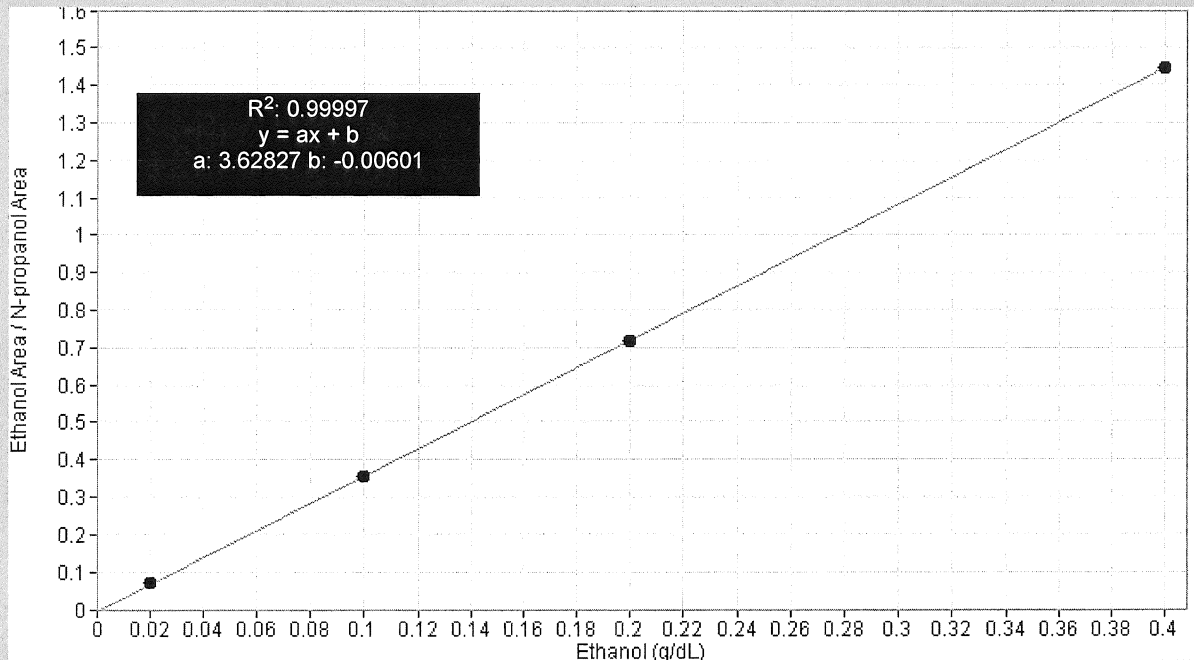
SEQUENCE NAME: 04Jan22

ANALYST: Brooke

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 100421AQ	5	negative	negative	-	-
0.400 11092018-A	7	0.399	0.400	0.25	-0.001
0.040 14082019-B	8	0.041	0.040	2.50	0.001
0.199 4110320133/2	9	0.203	0.199	2.01	0.004
0.080 20012020-B	20	0.080	0.080	0.00	0.000
0.199 4110320133/2	31	0.204	0.199	2.51	0.005
0.080 20012020-B	42	0.080	0.080	0.00	0.000
0.400 11092018-A	49	0.405	0.400	1.25	0.005
0.040 14082019-B	50	0.041	0.040	2.50	0.001
0.199 4110320133/2	51	0.203	0.199	2.01	0.004
blank 101921WB	52	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.701	168.072	0.070
0.100	59.384	166.880	0.356
0.200	119.897	167.624	0.715
0.400	244.375	168.818	1.448

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN06141806	Vial: 1	
Description: 0.020 calibrator	Sequence: 04Jan22	
Method: ethanol quant.M	Injection date: 1/4/2022 7:25:33 PM	
Instrument: US14173023 CN14160045	Analyst: Brooke <i>RB</i>	
Data file: C:\Chem32\1\Data\04Jan22\1.D		

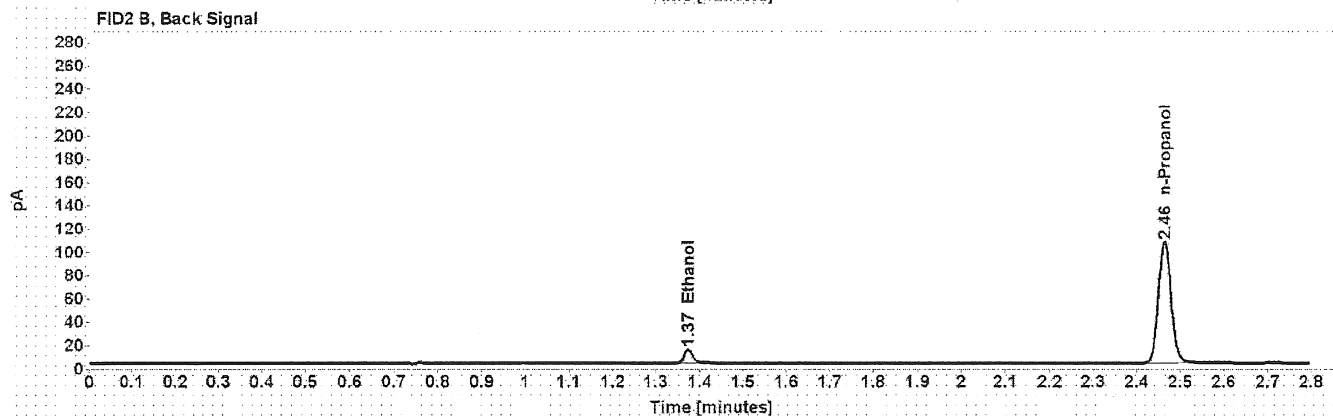


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.212	11.701
n-Propanol	2.015	168.072

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

Compound	Time (min)	Peak Area
Ethanol	1.374	14.536
n-Propanol	2.464	208.611

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN05311902	Vial: 2	Sequence: 04Jan22
Description: 0.100 calibrator	Injection date: 1/4/2022 7:29:33 PM	Analyst: Brooke <i>FB</i>
Method: ethanol quant.M	Data file: C:\Chem32\1\Data\04Jan22\2.D	

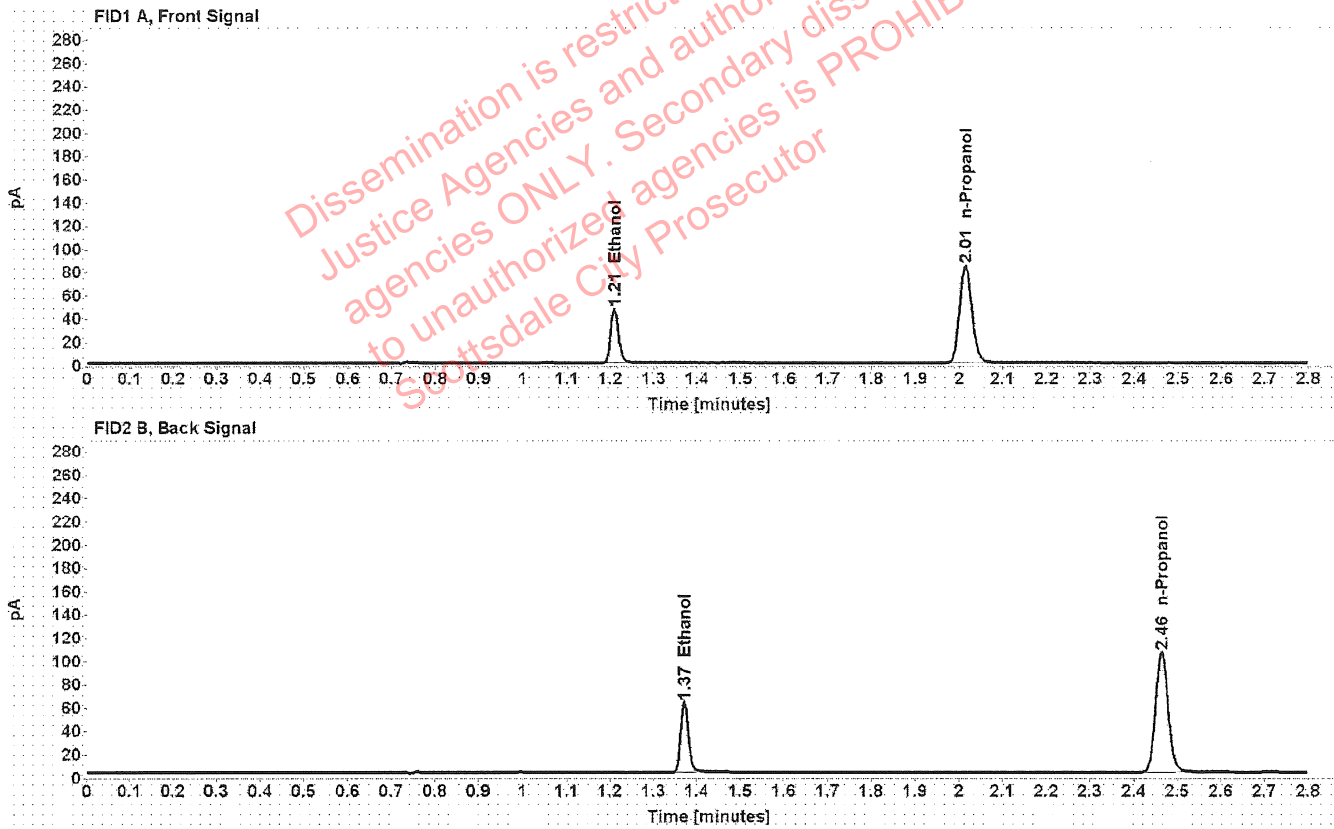


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	59.384
n-Propanol	2.015	166.880

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

Compound	Time (min)	Peak Area
Ethanol	1.372	74.112
n-Propanol	2.464	207.230

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN05101903	Vial: 3
Description: 0.200 calibrator	Sequence: 04Jan22
Method: ethanol quant.M	Injection date: 1/4/2022 7:33:34 PM
Instrument: US14173023 CN14160045	Analyst: Brooke PB
Data file: C:\Chem32\1\Data\04Jan22\3.D	

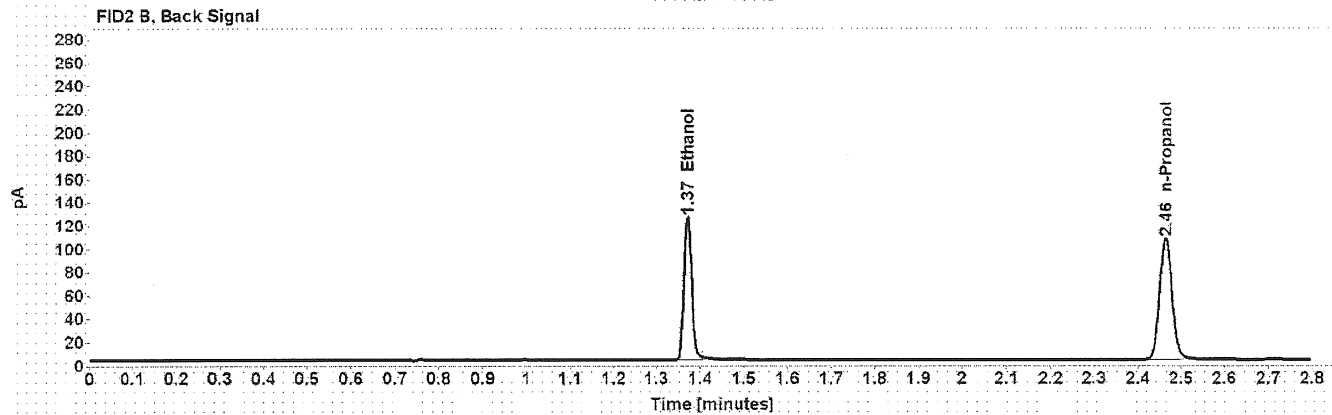
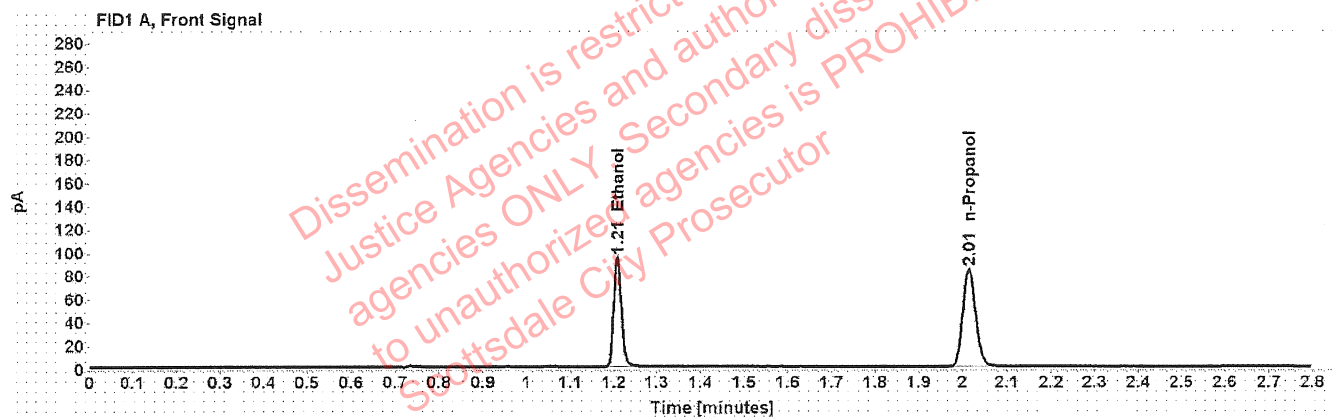


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	119.897
n-Propanol	2.015	167.624

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

Compound	Time (min)	Peak Area
Ethanol	1.371	150.273
n-Propanol	2.464	208.492

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN10051906	Vial: 4
Description: 0.400 calibrator	Sequence: 04Jan22
Method: ethanol quant.M	Injection date: 1/4/2022 7:37:34 PM
Instrument: US14173023 CN14160045	Analyst: Brooke PB
Data file: C:\Chem32\1\Data\04Jan22\4.D	

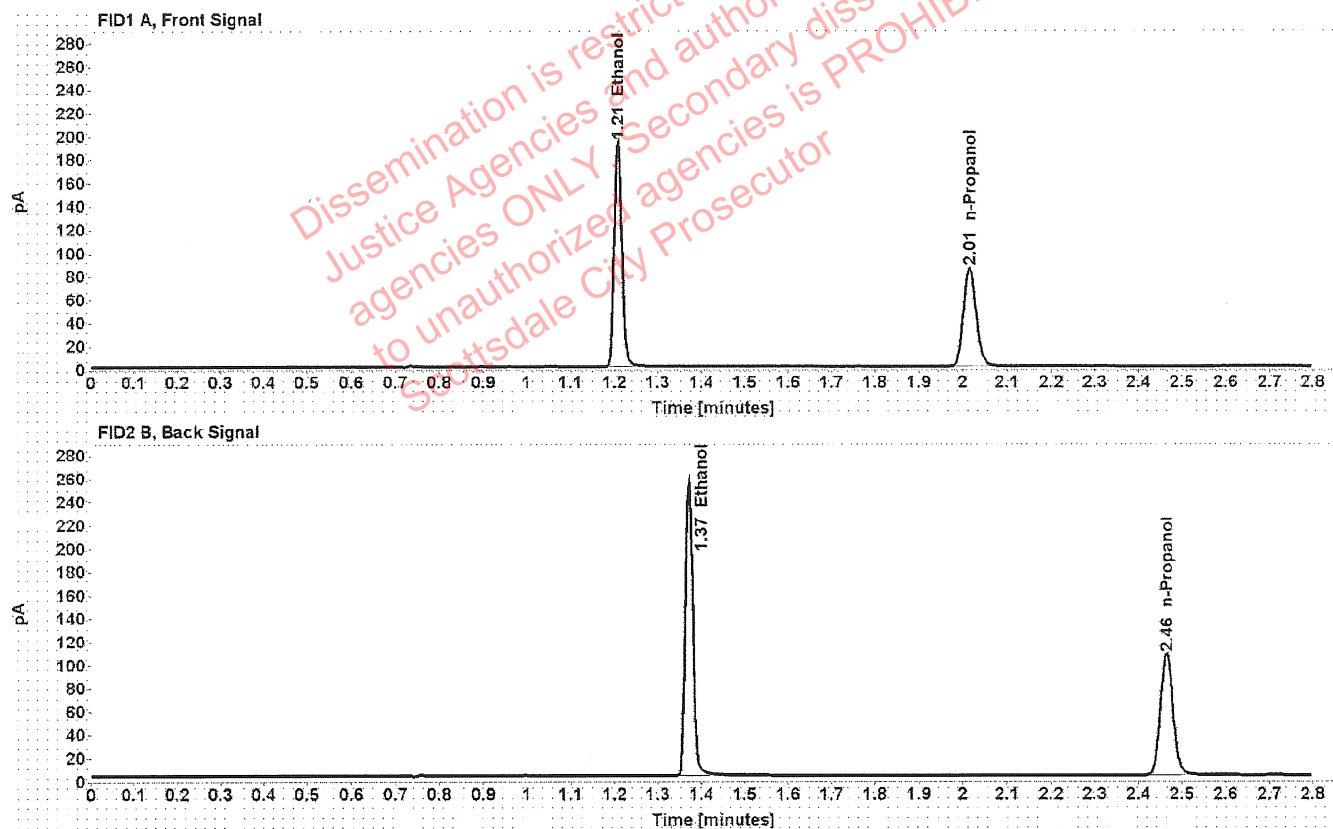


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	244.375
n-Propanol	2.015	168.818

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

Compound	Time (min)	Peak Area
Ethanol	1.371	307.233
n-Propanol	2.464	210.122

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	100421AQ	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	04Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/4/2022 7:41:33 PM
Data file:	C:\Chem32\1\Data\04Jan22\5.D	Analyst:	Brooke YB

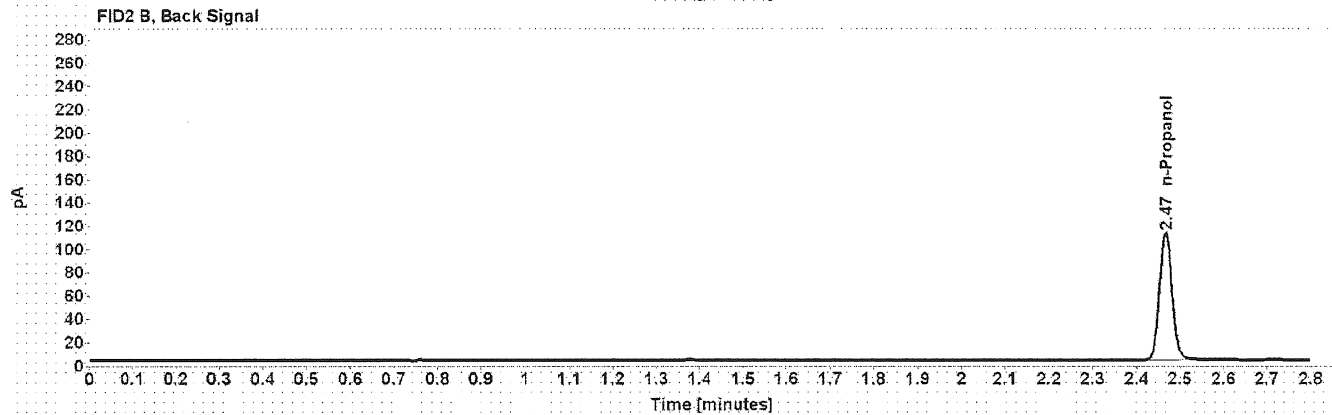
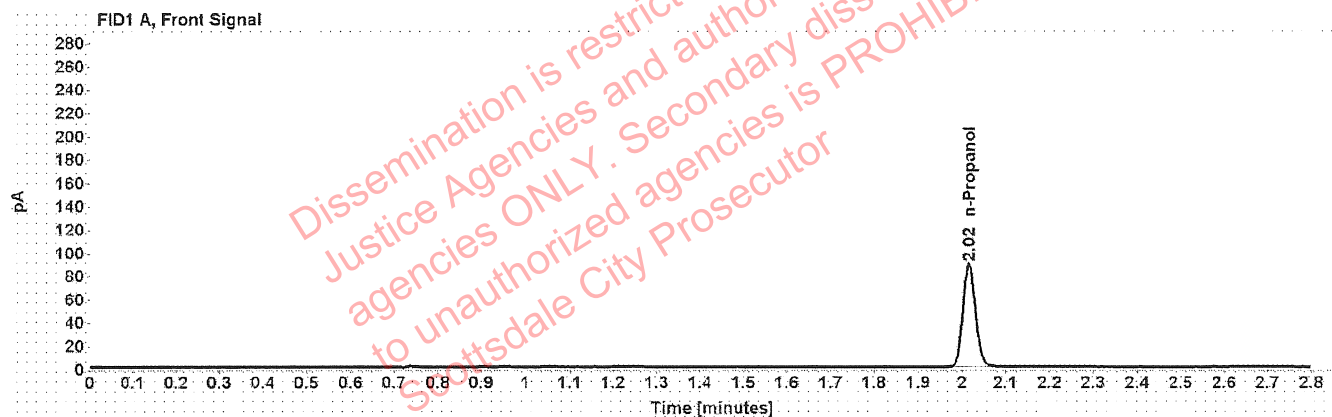


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	176.695

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

Compound	Time (min)	Peak Area
n-Propanol	2.466	219.869

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	050721MIX	Vial:	6
Description:	Volatiles mix	LIMS ID:	
Method:	ethanol quant.M	Sequence:	04Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/4/2022 7:45:33 PM
Data file:	C:\Chem32\1\Data\04Jan22\6.D	Analyst:	Brooke PB

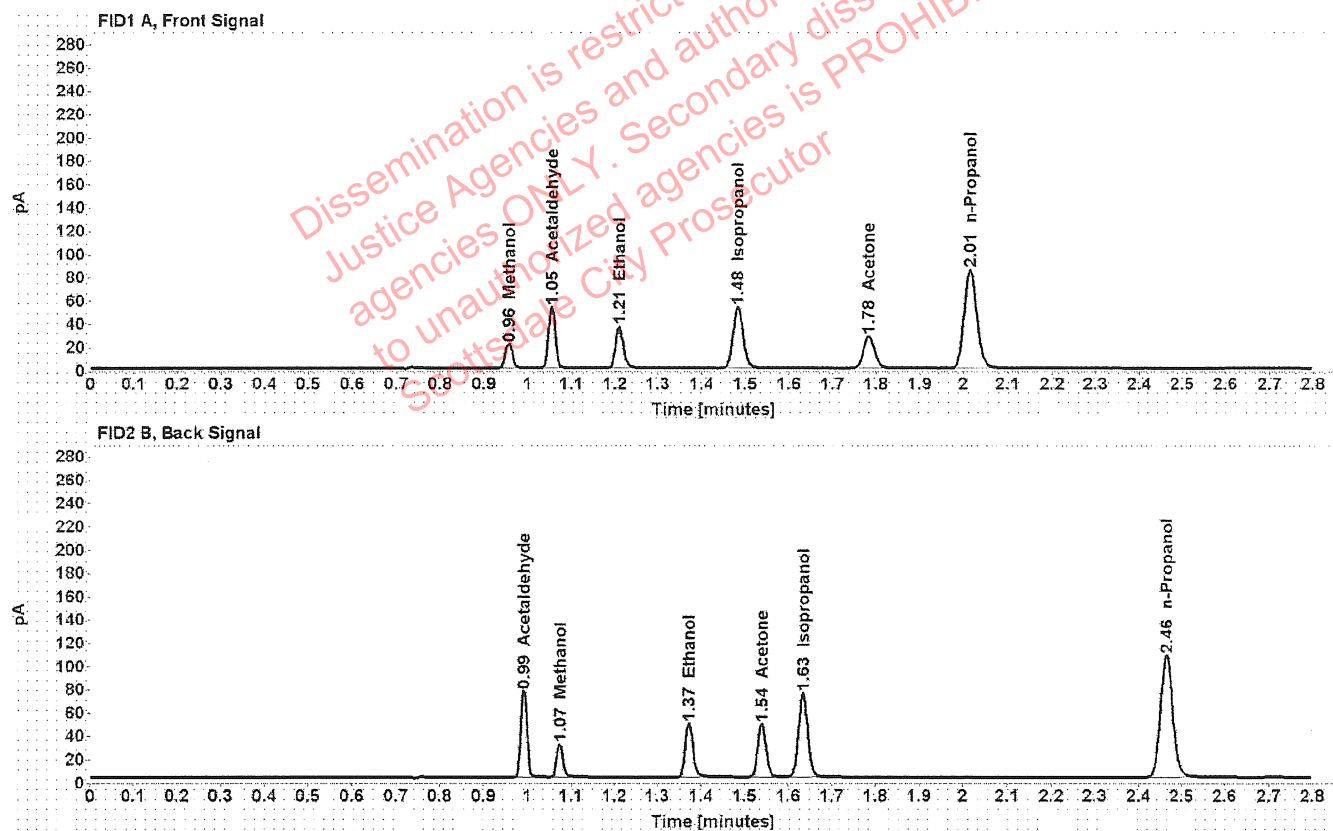


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.956	23.478
Acetaldehyde	-----	1.054	58.149
>Ethanol	0.0763	1.210	45.721
Isopropanol	-----	1.483	84.182
Acetone	-----	1.783	47.563
n-Propanol	-----	2.015	168.783

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.991	75.330
Methanol	1.074	30.392
Ethanol	1.372	57.244
Acetone	1.539	60.179
Isopropanol	1.634	108.447
n-Propanol	2.465	210.709

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 04Jan22
Instrument: US14173023 CN14160045	Injection date: 1/4/2022 7:49:48 PM
Data file: C:\Chem32\1\Data\04Jan22\7.D	Analyst: Brooke PB

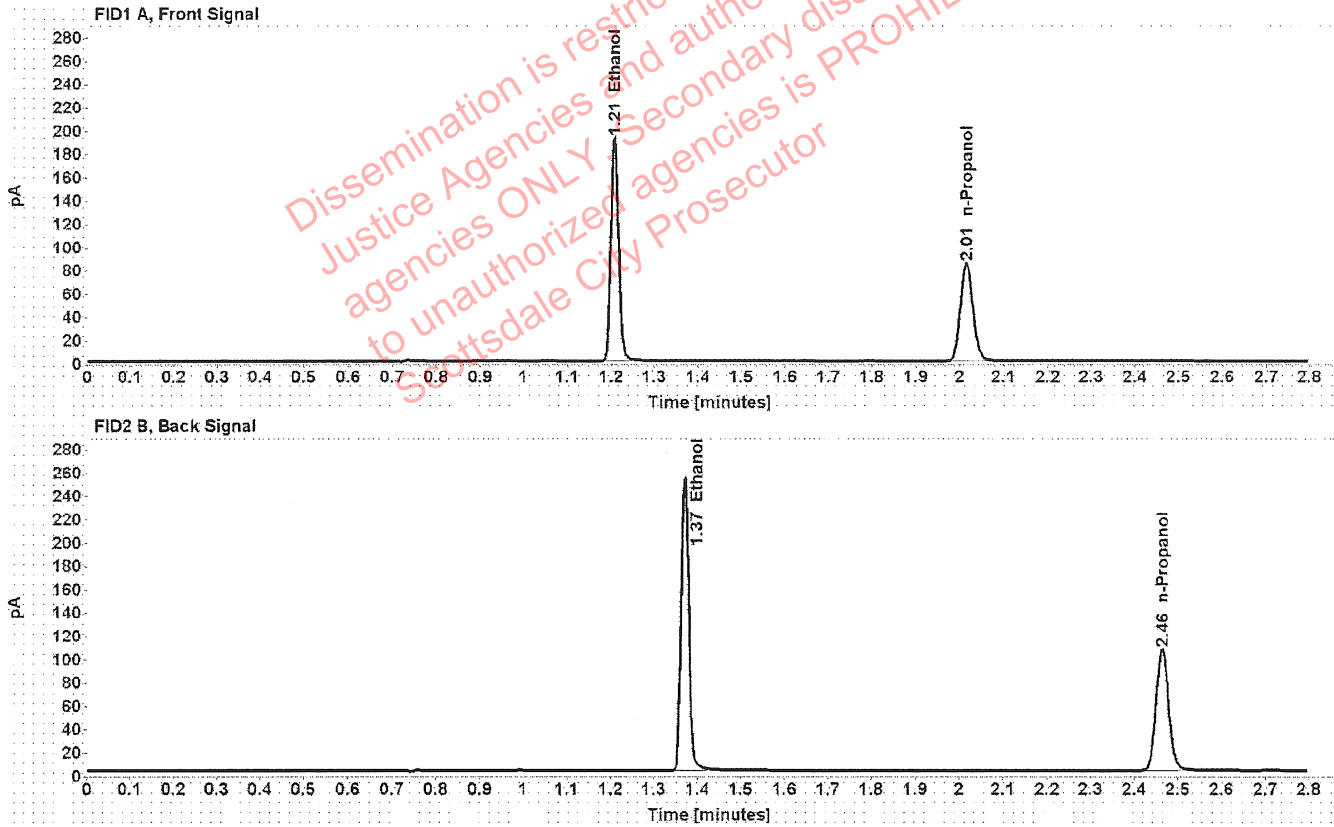


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3998	1.208	243.026
n-Propanol	-----	2.015	168.252

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

Compound	Time (min)	Peak Area
Ethanol	1.371	306.344
n-Propanol	2.464	210.118

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 8
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 04Jan22
Instrument: US14173023 CN14160045	Injection date: 1/4/2022 7:53:48 PM
Data file: C:\Chem32\1\Data\04Jan22\8.D	Analyst: Brooke PB

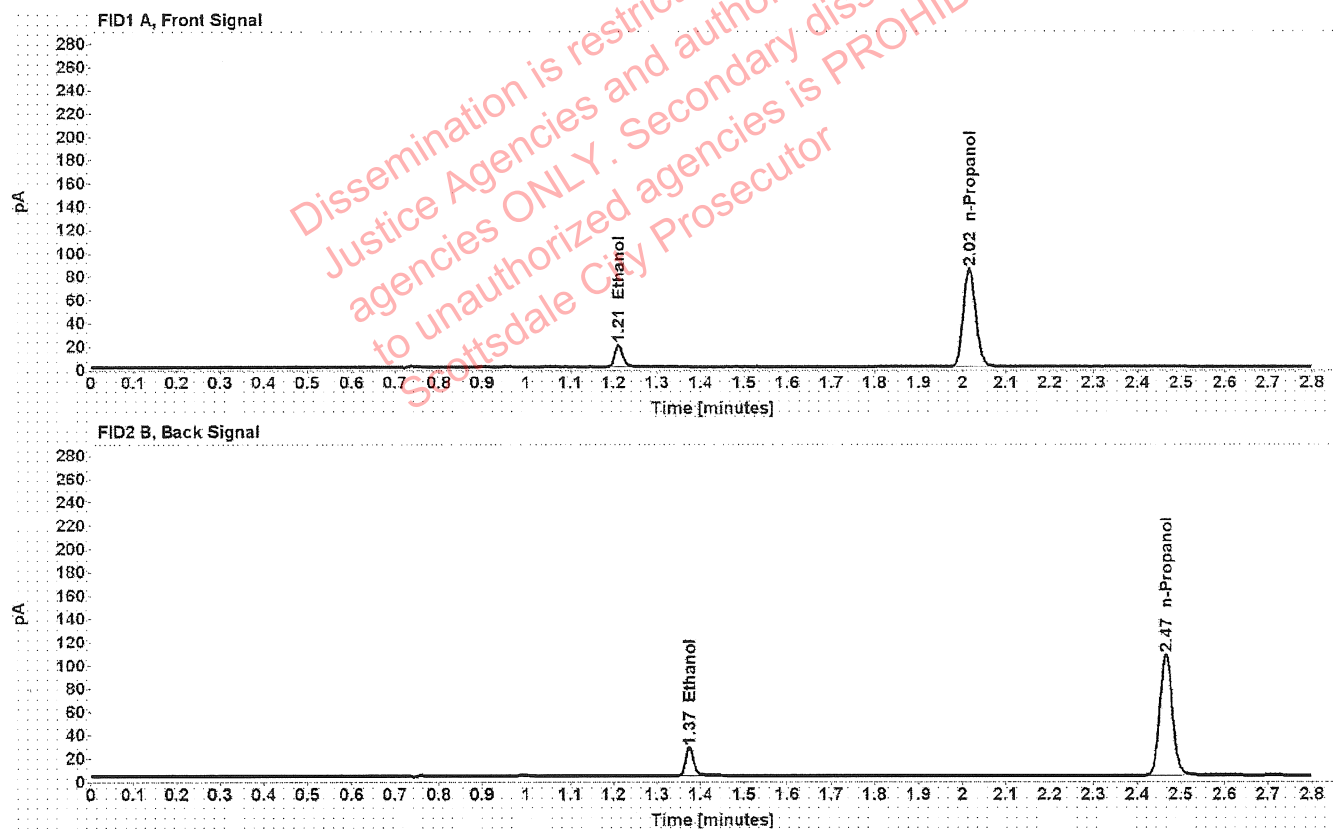


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0415	1.211	24.275
n-Propanol	-----	2.016	167.965

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

Compound	Time (min)	Peak Area
Ethanol	1.374	30.314
n-Propanol	2.466	209.909

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4110320133/2	Vial: 9
Description: 0.199	LIMS ID:
Method: ethanol quant.M	Sequence: 04Jan22
Instrument: US14173023 CN14160045	Injection date: 1/4/2022 7:57:49 PM
Data file: C:\Chem32\1\Data\04Jan22\9.D	Analyst: Brooke PB

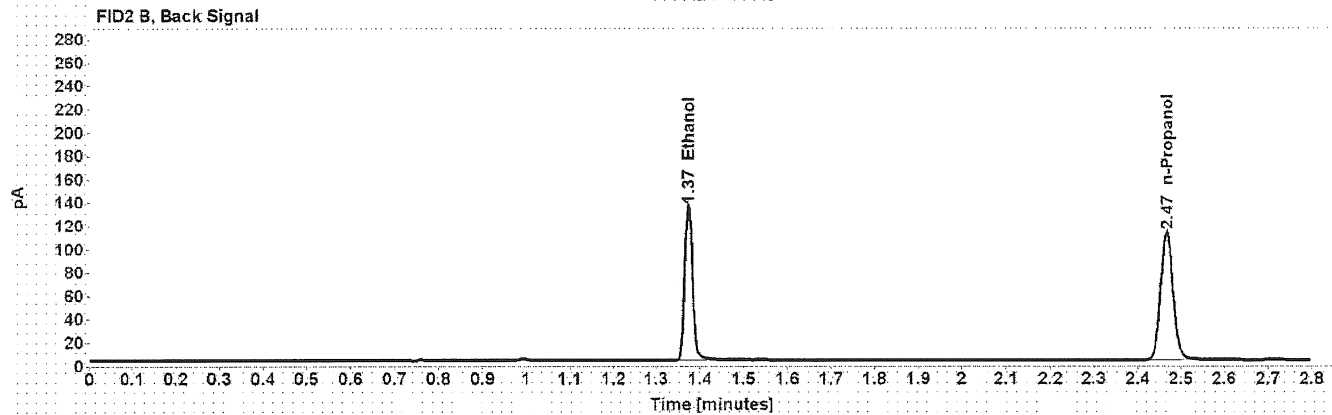
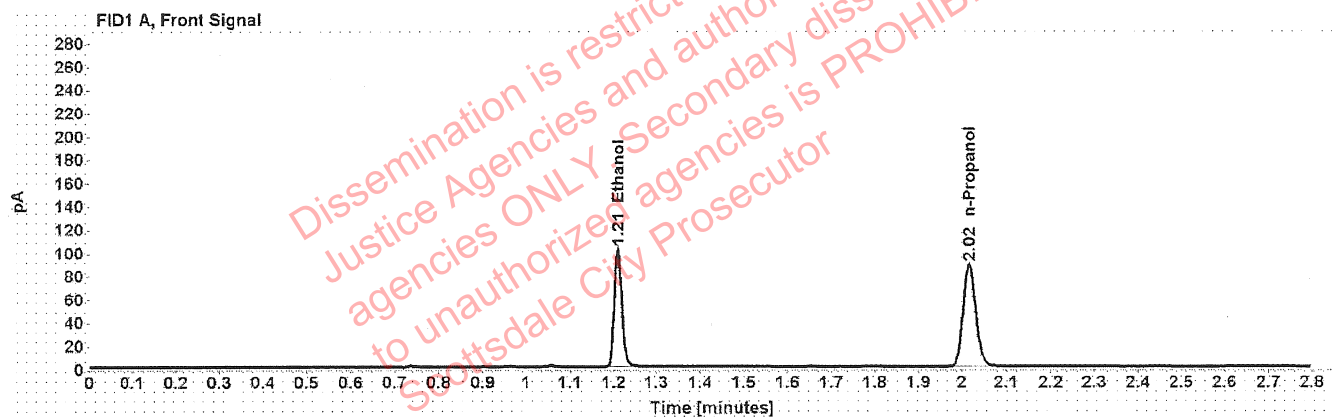


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2038	1.210	129.325
n-Propanol	-----	2.016	176.295

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

Compound	Time (min)	Peak Area
Ethanol	1.374	163.085
n-Propanol	2.467	220.486

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20012020-B	Vial:	20
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	04Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/4/2022 8:42:18 PM
Data file:	C:\Chem32\1\Data\04Jan22\20.D	Analyst:	Brooke PB

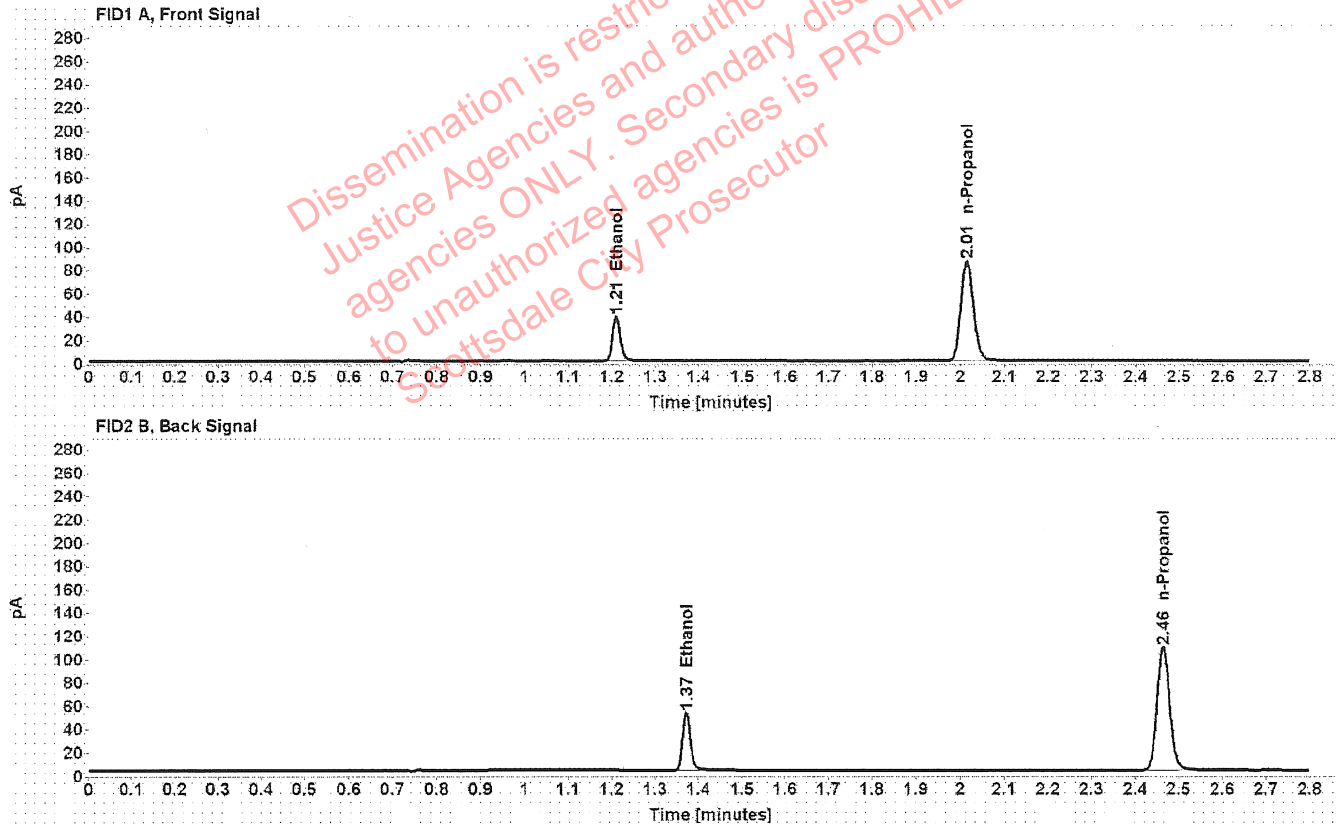


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0803	1.210	48.784
n-Propanol	-----	2.015	170.896

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

Compound	Time (min)	Peak Area
Ethanol	1.372	61.699
n-Propanol	2.464	213.809

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4110320133/2	Vial:	31
Description:	0.199	LIMS ID:	
Method:	ethanol quant.M	Sequence:	04Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/4/2022 9:26:48 PM
Data file:	C:\Chem32\1\Data\04Jan22\31.D	Analyst:	Brooke <i>PB</i>

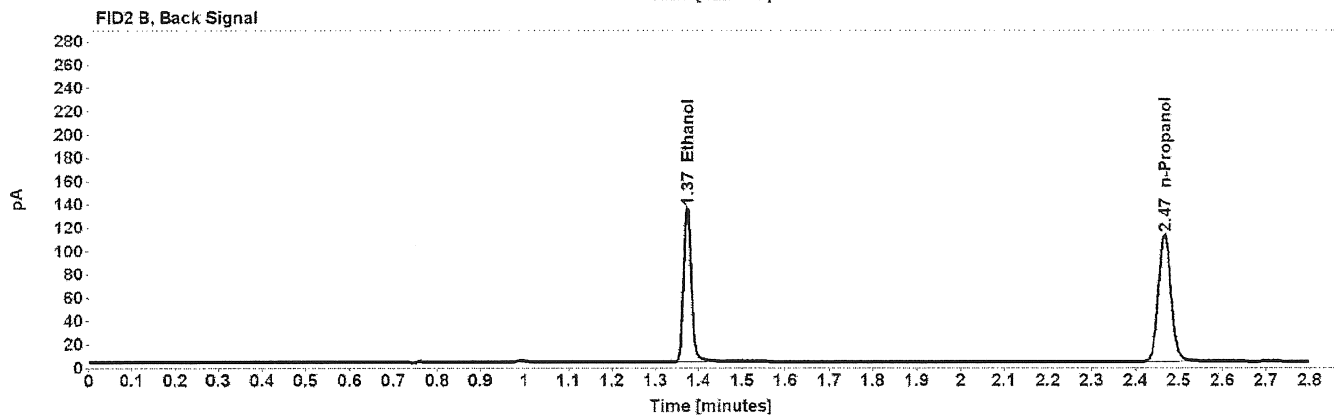
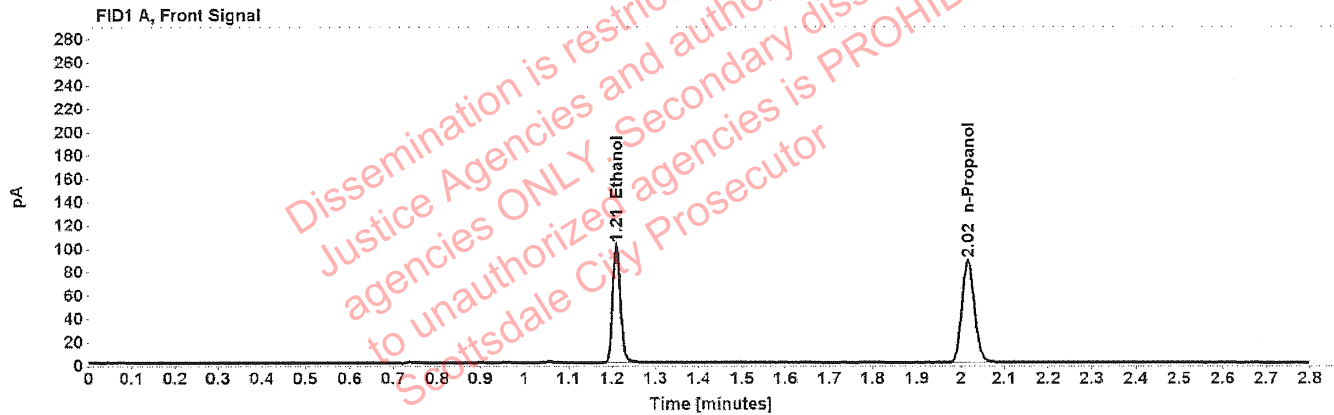


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2041	1.210	128.919
n-Propanol	-----	2.016	175.532

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

Compound	Time (min)	Peak Area
Ethanol	1.374	163.280
n-Propanol	2.467	220.297

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20012020-B	Vial:	42
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	04Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/4/2022 10:11:03 PM
Data file:	C:\Chem32\1\Data\04Jan22\42.D	Analyst:	Brooke PB

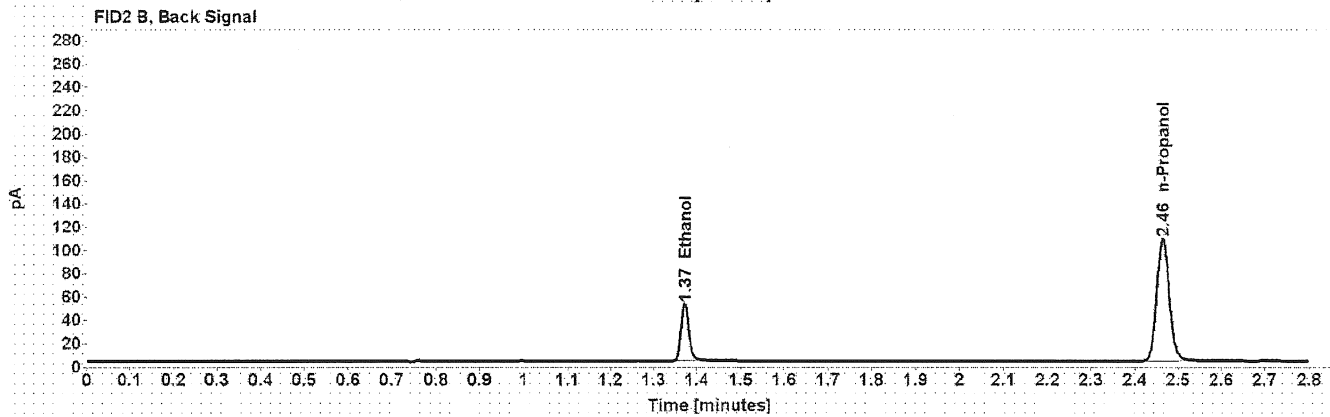
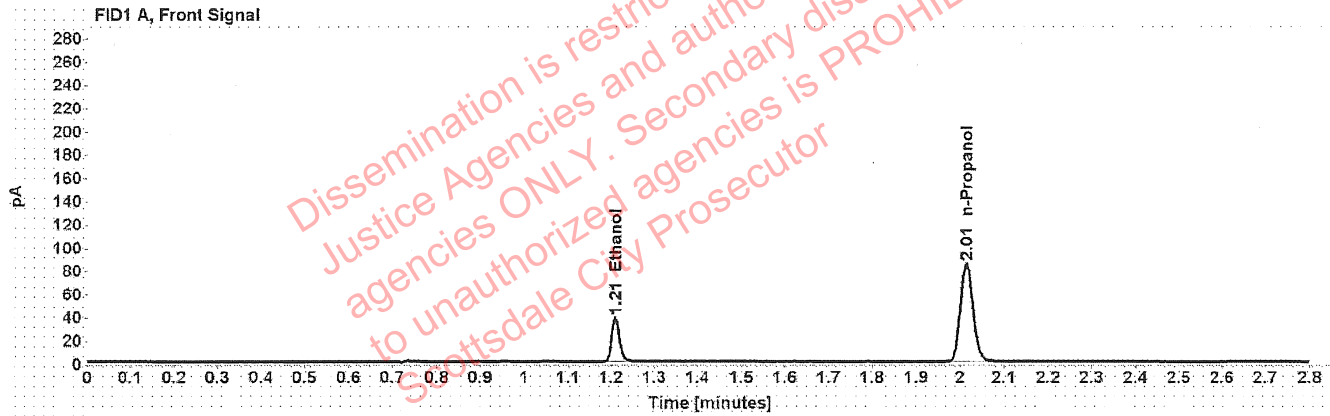


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0803	1.210	48.184
n-Propanol	-----	2.015	168.793

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

Compound	Time (min)	Peak Area
Ethanol	1.372	61.065
n-Propanol	2.464	212.235

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	11092018-A	Vial:	49
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	04Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/4/2022 10:39:33 PM
Data file:	C:\Chem32\1\Data\04Jan22\49.D	Analyst:	Brooke PB

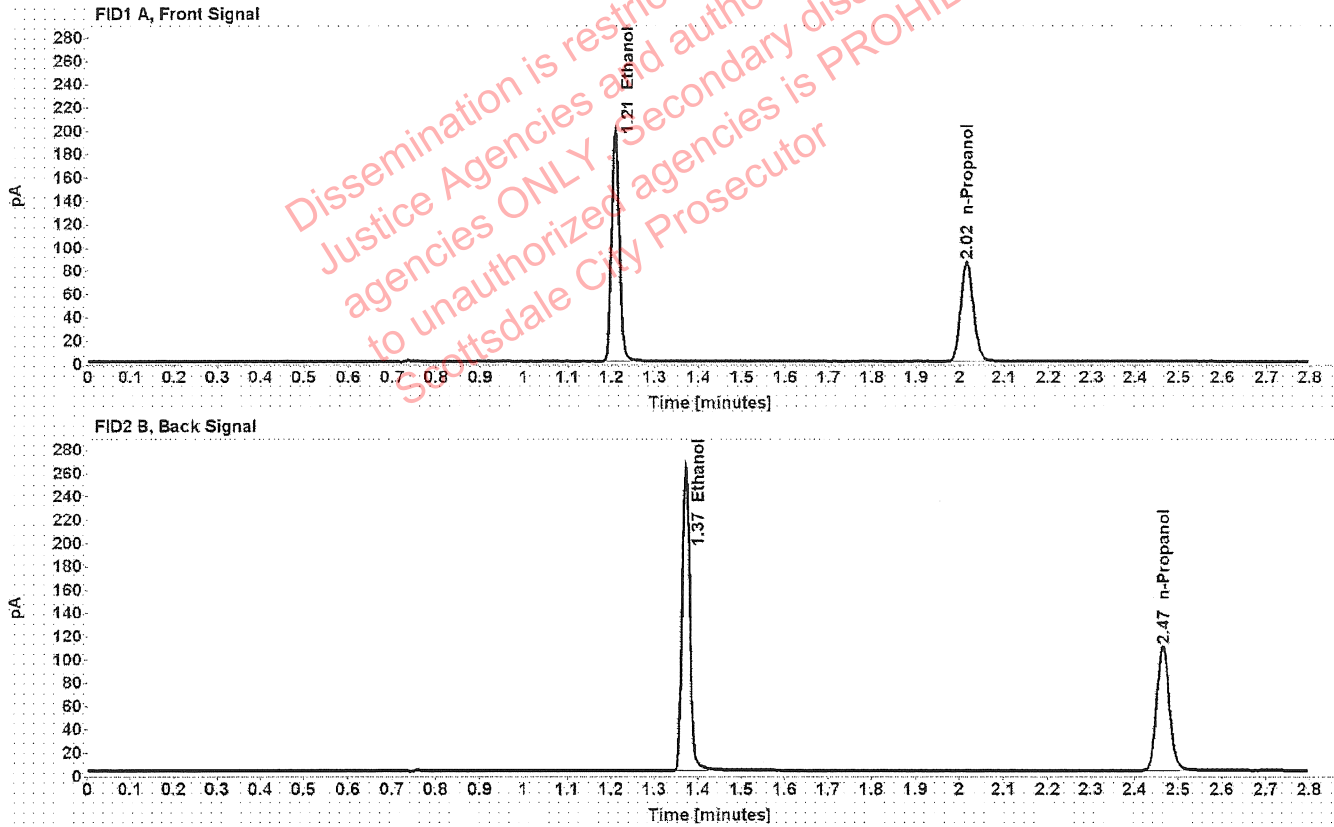


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4054	1.209	251.184
n-Propanol	-----	2.015	171.464

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

Compound	Time (min)	Peak Area
Ethanol	1.372	319.160
n-Propanol	2.465	215.739

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-B	Vial:	50
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	04Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/4/2022 10:43:32 PM
Data file:	C:\Chem32\1\Data\04Jan22\50.D	Analyst:	Brooke <i>DB</i>

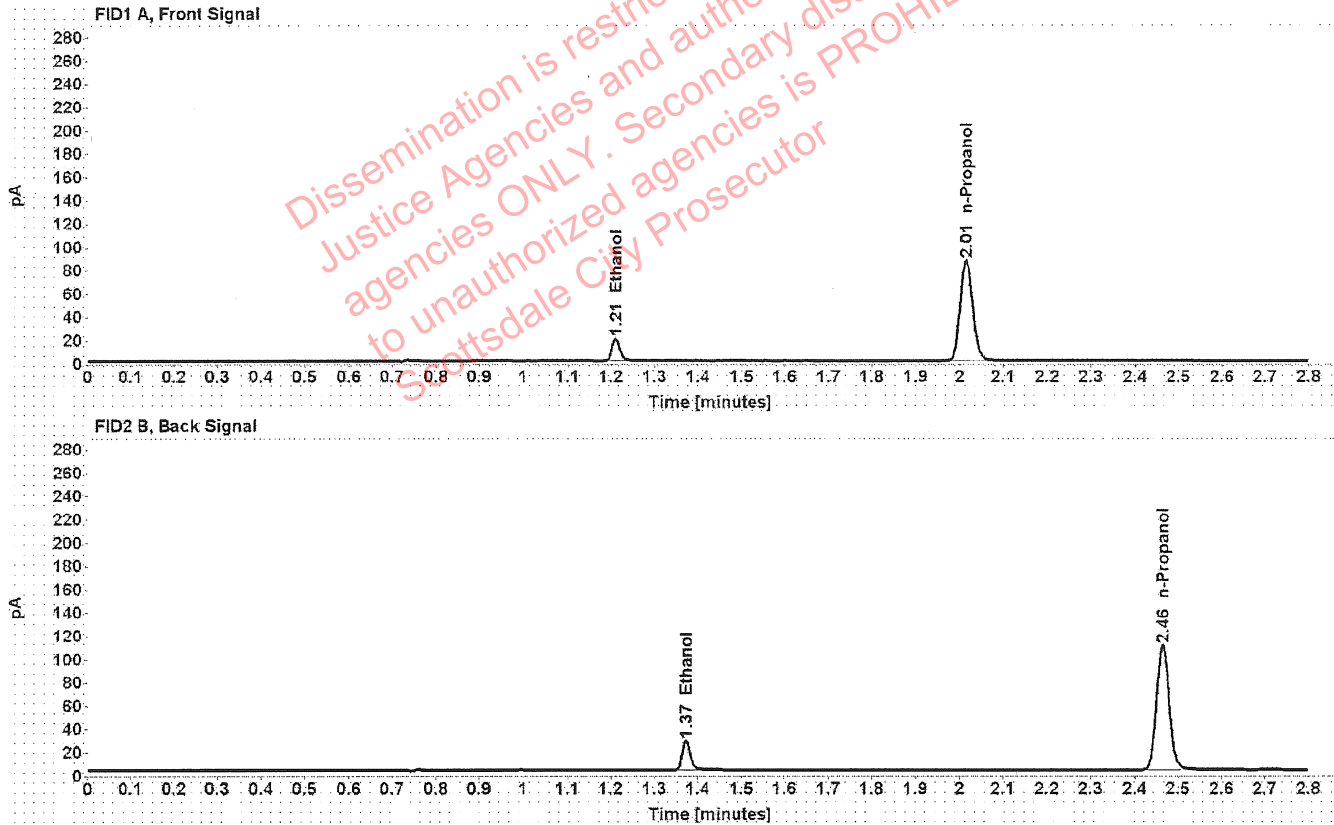


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0415	1.211	24.944
n-Propanol	-----	2.015	172.479

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

Compound	Time (min)	Peak Area
Ethanol	1.373	31.336
n-Propanol	2.464	217.027

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4110320133/2	Vial:	51
Description:	0.199	LIMS ID:	
Method:	ethanol quant.M	Sequence:	04Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/4/2022 10:47:33 PM
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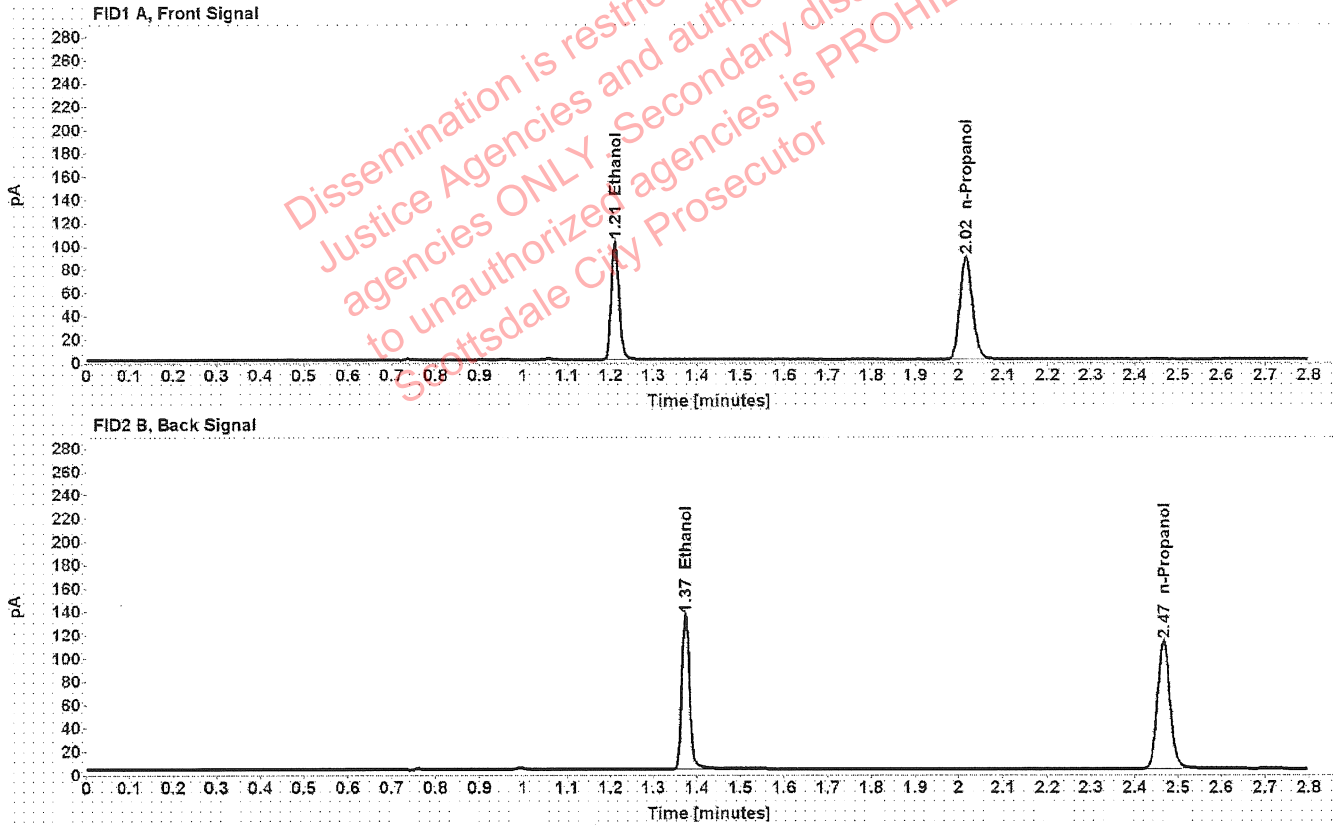


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2038	1.210	129.102
n-Propanol	-----	2.016	176.026

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

Compound	Time (min)	Peak Area
Ethanol	1.374	163.850
n-Propanol	2.467	221.622

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	101921WB	Vial:	52
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	04Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/4/2022 10:51:33 PM
Data file:	C:\Chem32\1\Data\04Jan22\52.D	Analyst:	Brooke PB

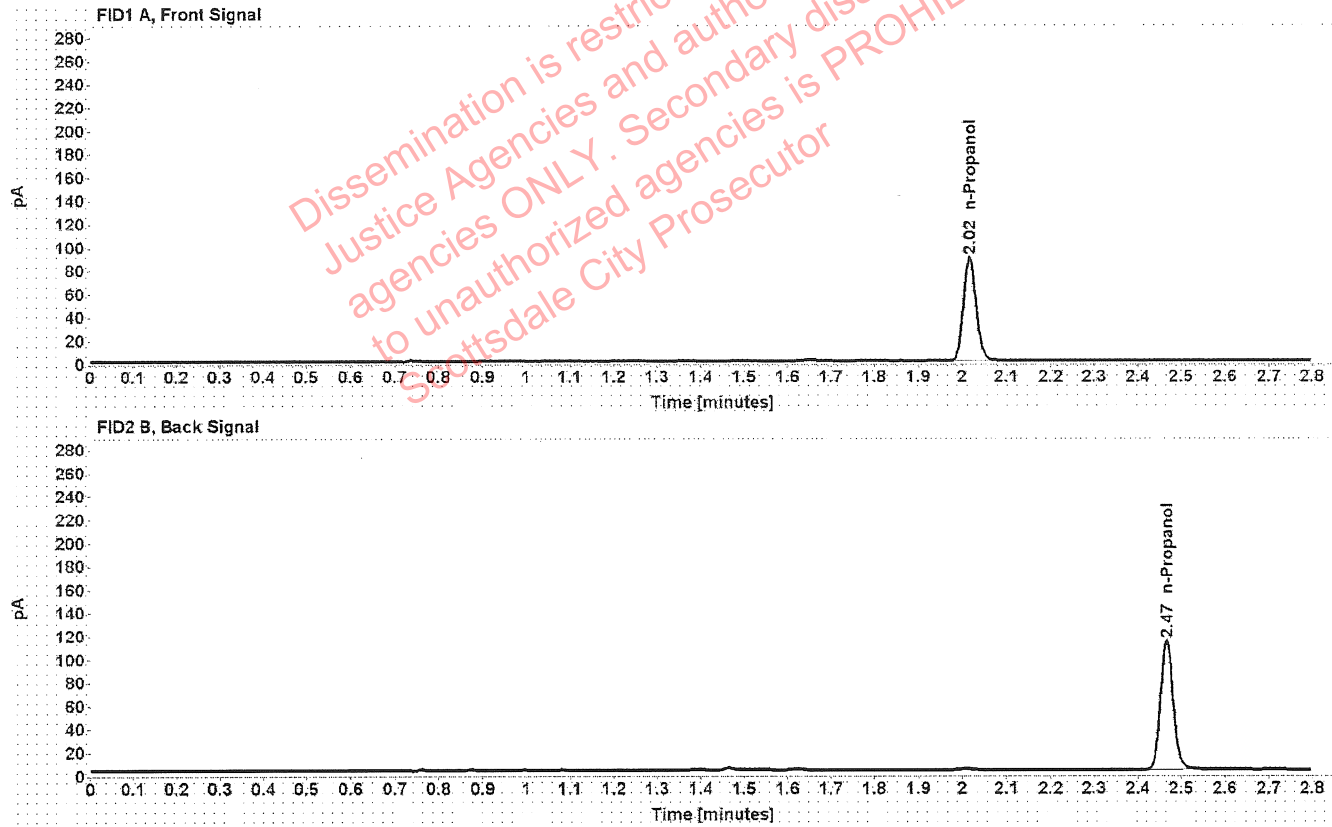


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	177.439

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

Compound	Time (min)	Peak Area
n-Propanol	2.467	223.927

Sequence Summary

PB

Sequence name: 04Jan22 Instrument: US14173023 CN14160045 Analyst: Brooke

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	100421AQ	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	1401991		Sample		ethanol quant.M
11	1401991		Sample		ethanol quant.M
12	1401016		Sample		ethanol quant.M
13	1401016		Sample		ethanol quant.M
14	1402408		Sample		ethanol quant.M
15	1402408		Sample		ethanol quant.M
16	1300247		Sample		ethanol quant.M
17	1300247		Sample		ethanol quant.M
18	1393840		Sample		ethanol quant.M
19	1393840		Sample		ethanol quant.M
20	20012020-B	0.080	Control		ethanol quant.M
21	1373908		Sample		ethanol quant.M
22	1373908		Sample		ethanol quant.M
23	1401885		Sample		ethanol quant.M
24	1401885		Sample		ethanol quant.M
25	1402634		Sample		ethanol quant.M
26	1402634		Sample		ethanol quant.M
27	1402962		Sample		ethanol quant.M
28	1402962		Sample		ethanol quant.M
29	1403024		Sample		ethanol quant.M
30	1403024		Sample		ethanol quant.M
31	4110320133/2	0.199	Control		ethanol quant.M
32	1403290		Sample		ethanol quant.M
33	1403290		Sample		ethanol quant.M
34	1402917		Sample		ethanol quant.M
35	1402917		Sample		ethanol quant.M
36	1402947		Sample		ethanol quant.M
37	1402947		Sample		ethanol quant.M
38	1372099		Sample		ethanol quant.M
39	1372099		Sample		ethanol quant.M
40	ITEM4		Sample		ethanol quant.M
41	ITEM4		Sample		ethanol quant.M
42	20012020-B	0.080	Control		ethanol quant.M
43	ITEM2		Sample		ethanol quant.M
44	ITEM2		Sample		ethanol quant.M
45	ITEM3		Sample		ethanol quant.M
46	ITEM3		Sample		ethanol quant.M
47	ITEM1		Sample		ethanol quant.M

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

Sequence Summary

PB

48	ITEM1		Sample		ethanol quant.M
49	11092018-A	0.400	Control		ethanol quant.M
50	14082019-B	0.040	Control		ethanol quant.M
51	4110320133/2	0.199	Control		ethanol quant.M
52	101921WB	Negative	Control		ethanol quant.M

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

Scottsdale Police Department Crime Laboratory Summary of Cases

PB

SEQUENCE NAME: 04Jan22

ANALYST: Brooke

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.2601	0.2573	0.25870	0.54	0.00140
12 13	0.1498	0.1498	0.14980	0.00	0.00000
14 15	0.2953	0.2954	0.29535	0.02	0.00005
16 17	0.1906	0.1884	0.18950	0.58	0.00110
18 19	0.0981	0.0984	0.09825	0.15	0.00015
21 22	0.0000	0.0000	0.00000	0.00	0.00000
23 24	0.2930	0.2916	0.29230	0.24	0.00070
25 26	0.0885	0.0882	0.08835	0.17	0.00015
27 28	0.1474	0.1473	0.14735	0.03	0.00005
29 30	0.1421	0.1417	0.14190	0.14	0.00020
32 33	0.2320	0.2322	0.23210	0.04	0.00010
34 35	0.1343	0.1340	0.13415	0.11	0.00015
36 37	0.1136	0.1135	0.11355	0.04	0.00005
38 39	0.1278	0.1280	0.12790	0.08	0.00010
40 41	0.1330	0.1334	0.13320	0.15	0.00020
43 44	0.0750	0.0754	0.07520	0.27	0.00020
45 46	0.2693	0.2699	0.26960	0.11	0.00030
47 48	0.2172	0.2177	0.21745	0.11	0.00025

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

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1401991	Vial: 10
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 04Jan22
Instrument: US14173023 CN14160045	Injection date: 1/4/2022 8:01:48 PM
Data file: C:\Chem32\1\Data\04Jan22\10.D	Analyst: Brooke

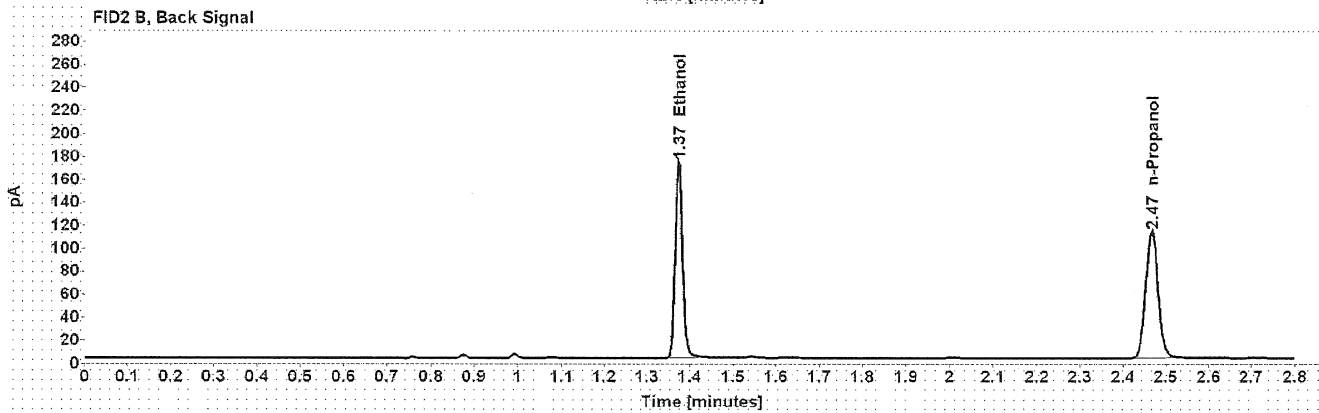
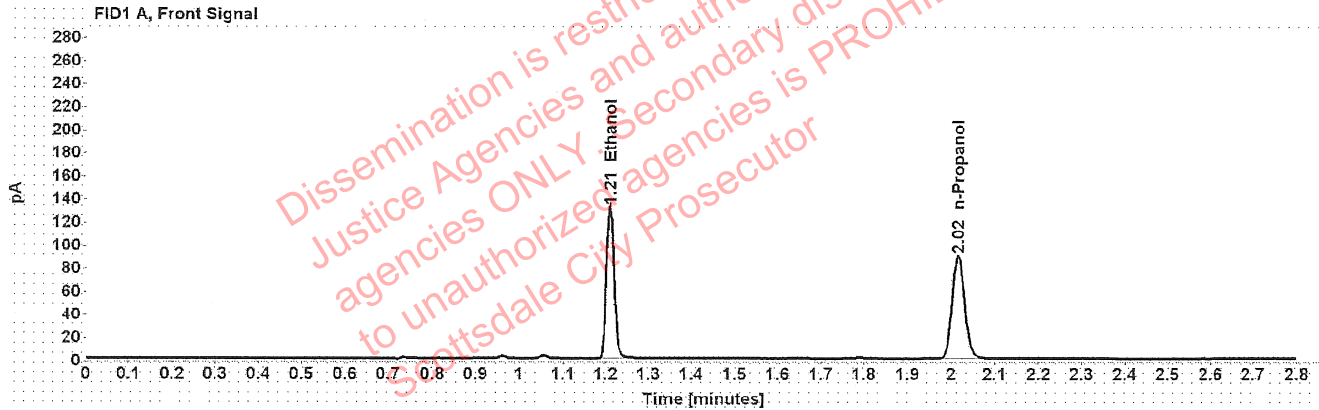


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2601	1.210	166.533
n-Propanol	-----	2.016	177.575

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

Compound	Time (min)	Peak Area
Ethanol	1.374	209.776
n-Propanol	2.466	222.061

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1401991	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	04Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/4/2022 8:05:48 PM
Data file:	C:\Chem32\1\Data\04Jan22\11.D	Analyst:	Brooke

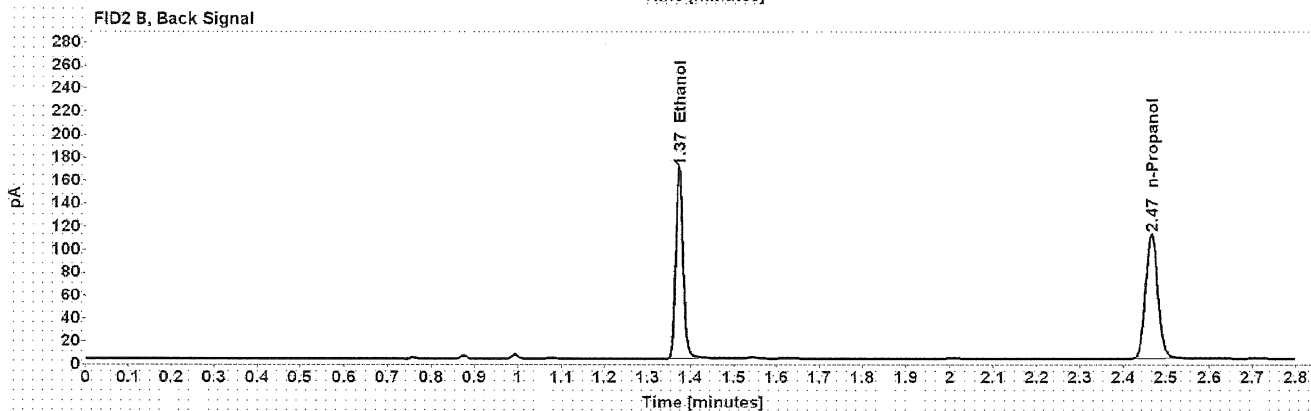
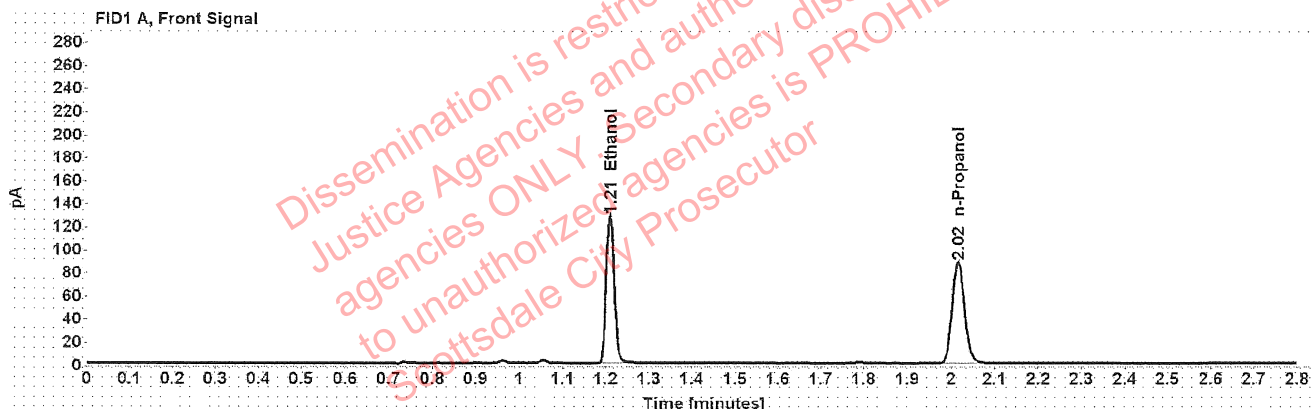


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2573	1.210	162.037
n-Propanol	-----	2.016	174.716

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

Compound	Time (min)	Peak Area
Ethanol	1.373	204.283
n-Propanol	2.466	218.712

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1401016	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	04Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/4/2022 8:09:49 PM
Data file:	C:\Chem32\1\Data\04Jan22\12.D	Analyst:	Brooke

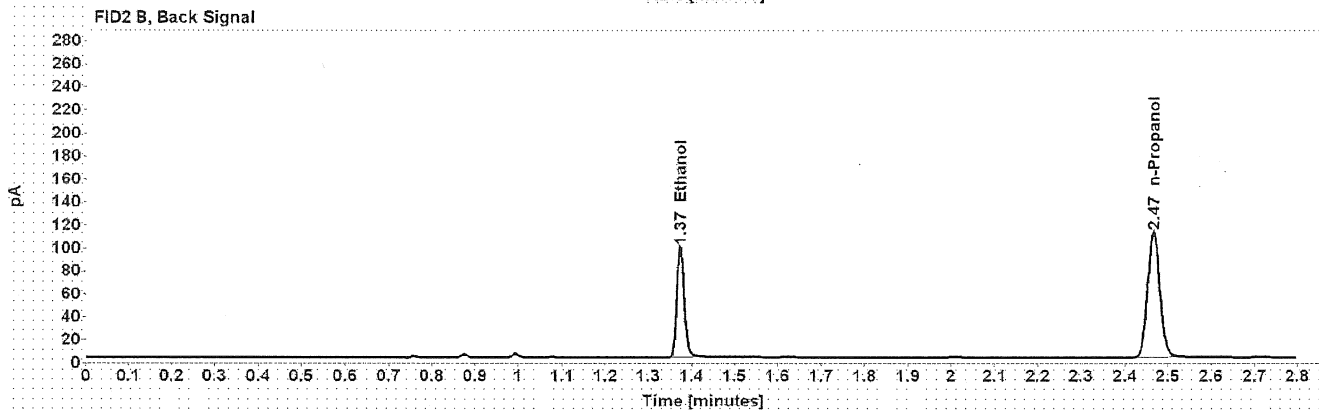
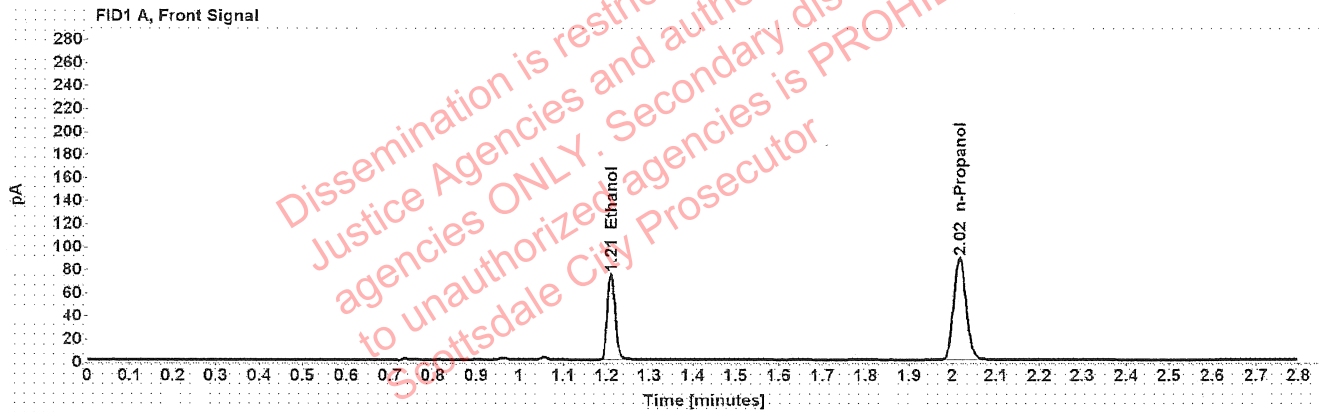


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1498	1.210	94.593
n-Propanol	-----	2.016	176.039

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

Compound	Time (min)	Peak Area
Ethanol	1.374	118.737
n-Propanol	2.466	220.467

[REDACTED]: Brooke, Phillip - (05-Jan-2022)

Case: [REDACTED] User: pbrooke 1/5/2022

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1401016	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	04Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/4/2022 8:14:03 PM
Data file:	C:\Chem32\1\Data\04Jan22\13.D	Analyst:	Brooke

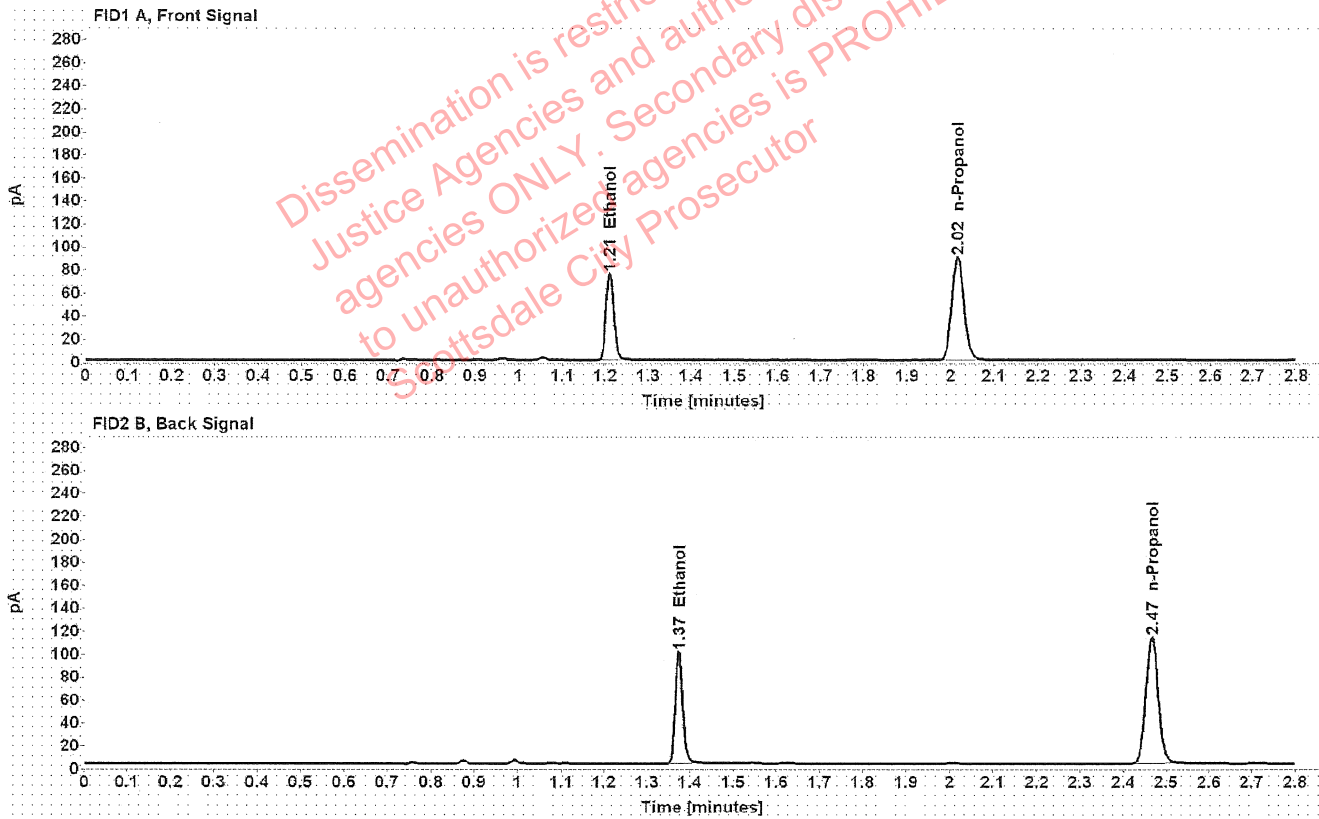


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1498	1.210	95.353
n-Propanol	-----	2.016	177.371

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

Compound	Time (min)	Peak Area
Ethanol	1.374	119.536
n-Propanol	2.466	222.093

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1402408	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	04Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/4/2022 8:18:03 PM
Data file:	C:\Chem32\1\Data\04Jan22\14.D	Analyst:	Brooke

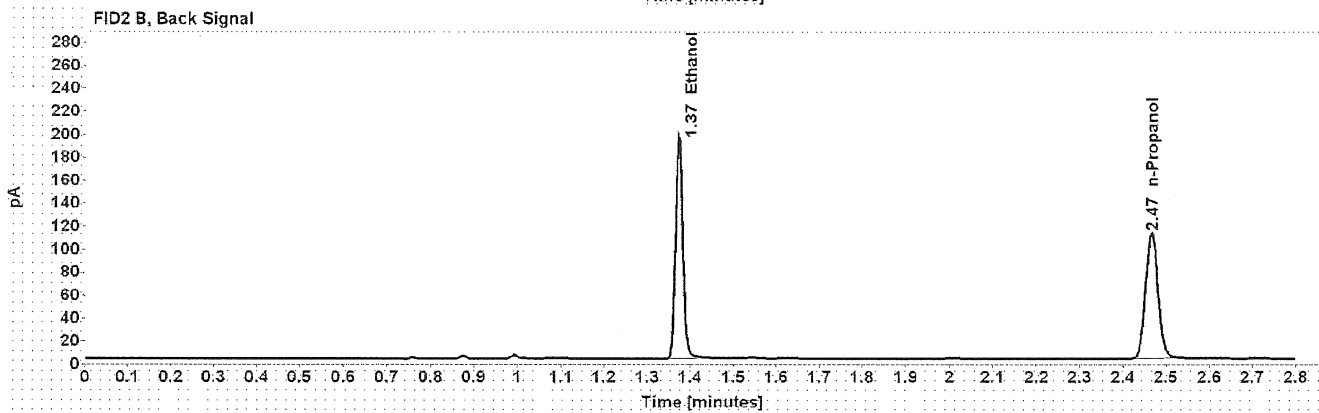
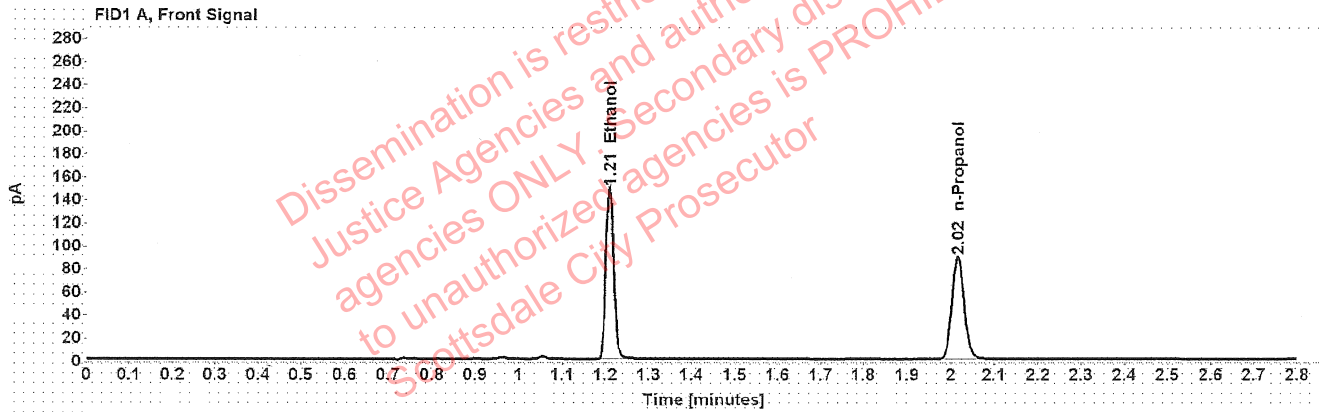


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2953	1.210	187.806
n-Propanol	-----	2.016	176.291

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

Compound	Time (min)	Peak Area
Ethanol	1.373	237.261
n-Propanol	2.466	220.860

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1402408	Vial:	15
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	04Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/4/2022 8:22:03 PM
Data file:	C:\Chem32\1\Data\04Jan22\15.D	Analyst:	Brooke

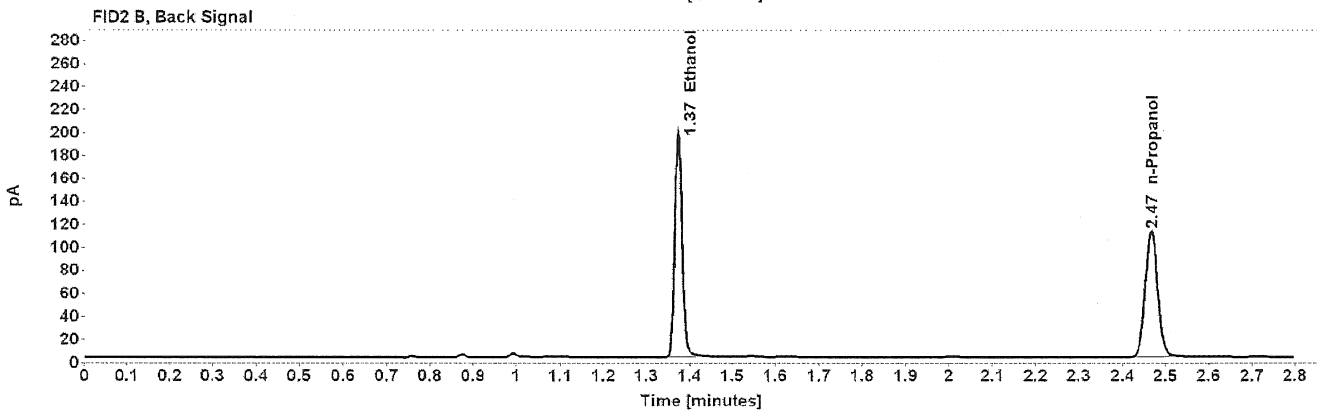
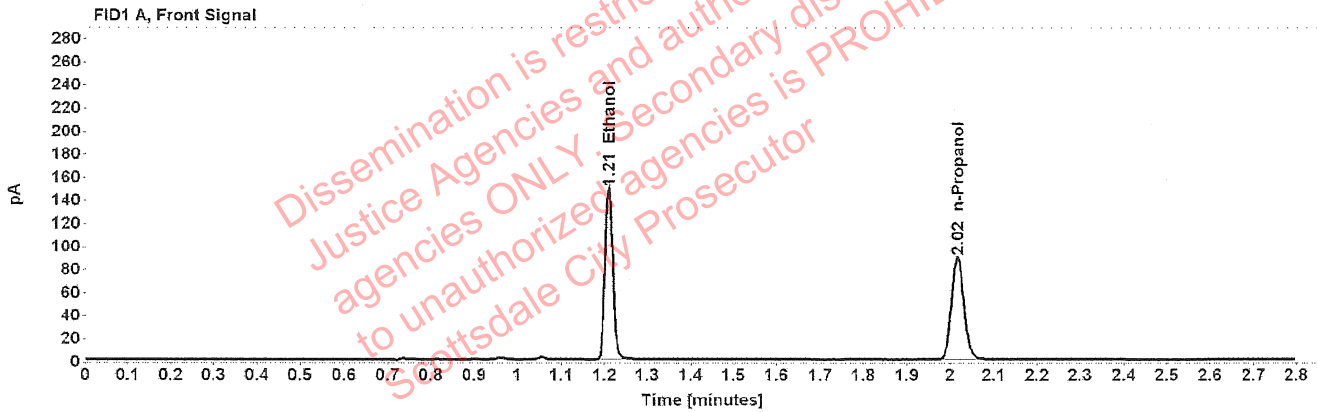


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2954	1.210	188.231
n-Propanol	-----	2.016	176.596

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

Compound	Time (min)	Peak Area
Ethanol	1.374	237.728
n-Propanol	2.466	221.353

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1300247	Vial: 16
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 04Jan22
Instrument: US14173023 CN14160045	Injection date: 1/4/2022 8:26:03 PM
Data file: C:\Chem32\1\Data\04Jan22\16.D	Analyst: Brooke

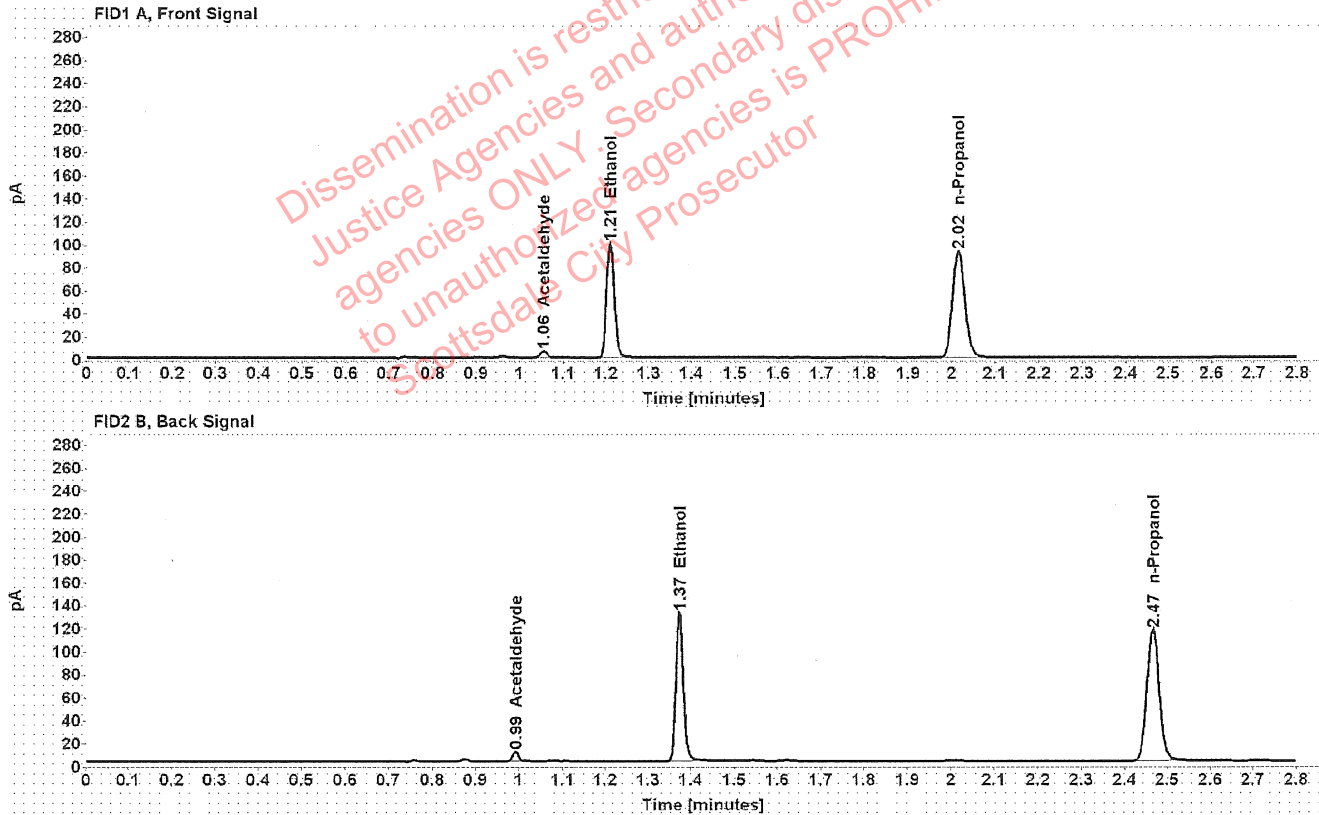


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	5.756
>Ethanol	0.1906	1.210	125.910
n-Propanol	-----	2.016	183.647

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	7.549
Ethanol	1.374	158.656
n-Propanol	2.466	230.783

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1300247	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	04Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/4/2022 8:30:03 PM
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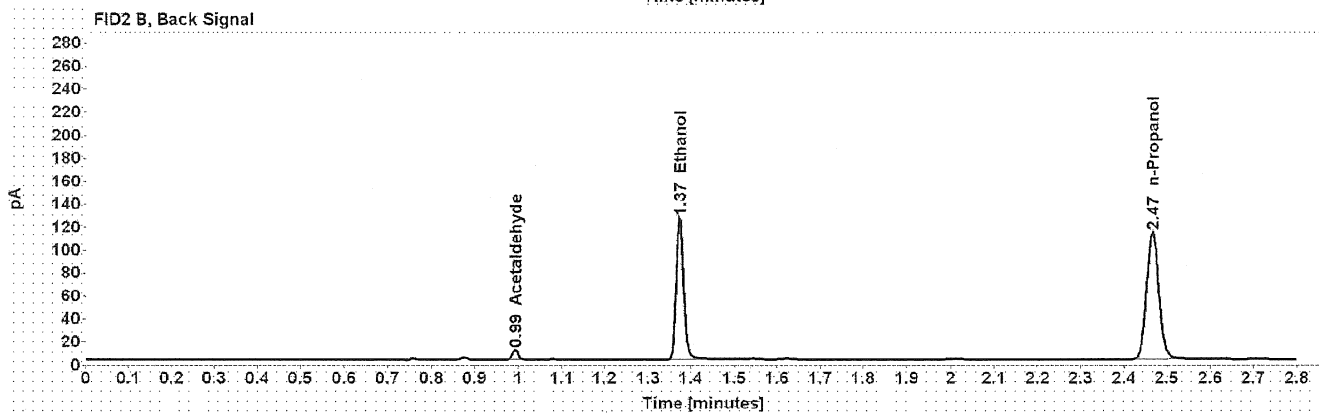
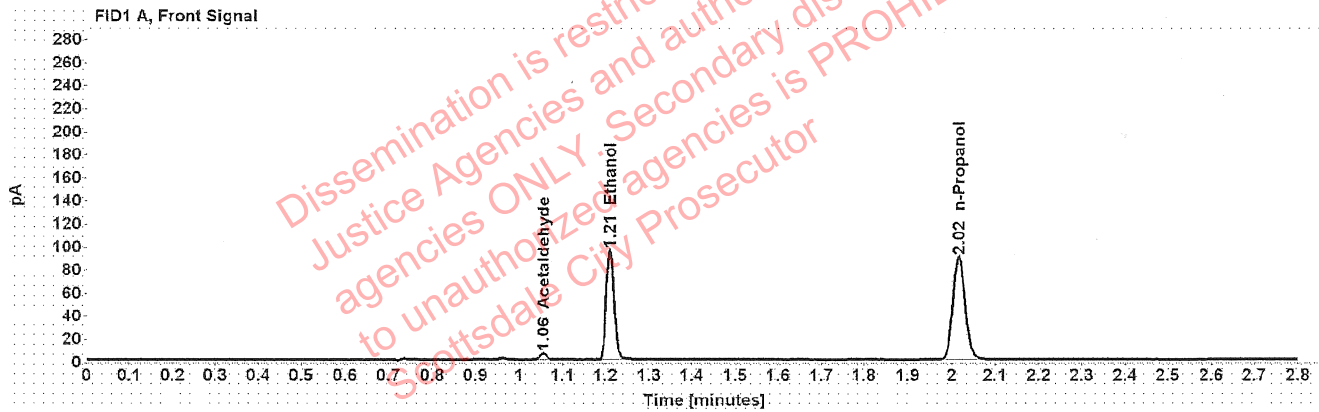


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	5.767
>Ethanol	0.1884	1.210	120.417
n-Propanol	-----	2.016	177.686

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	7.544
Ethanol	1.374	153.304
n-Propanol	2.466	223.472

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1393840	Vial: 18
Description: ██████████	LIMS ID: ██████████
Method: ethanol quant.M	Sequence: 04Jan22
Instrument: US14173023 CN14160045	Injection date: 1/4/2022 8:34:03 PM
Data file: C:\Chem32\1\Data\04Jan22\18.D	Analyst: Brooke

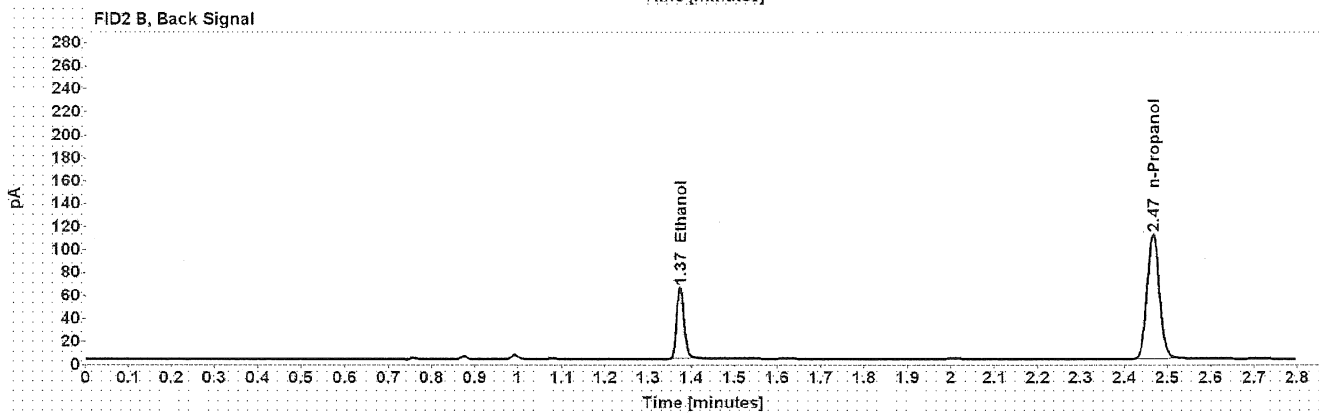
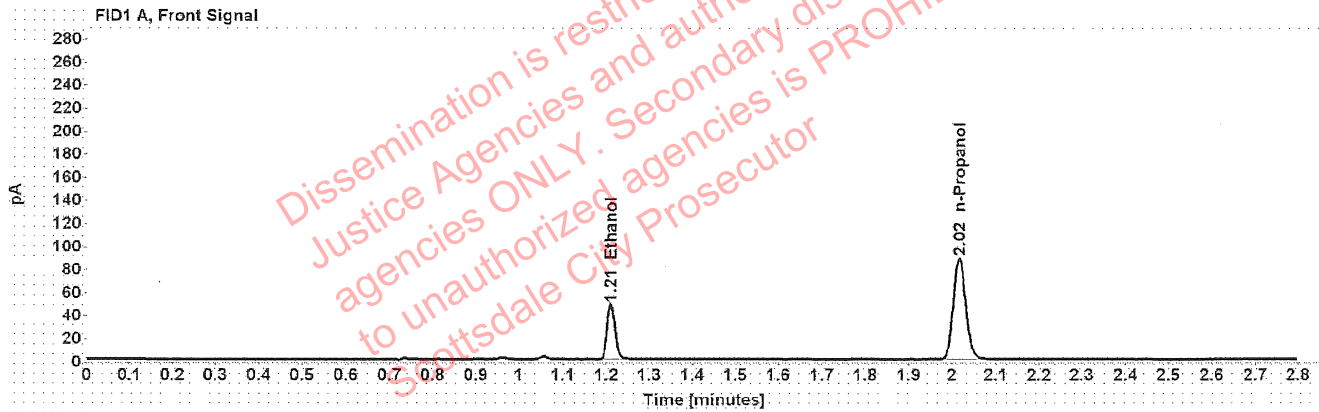


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0981	1.211	61.178
n-Propanol	-----	2.016	174.913

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

Compound	Time (min)	Peak Area
Ethanol	1.374	76.699
n-Propanol	2.466	219.486

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1393840	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	04Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/4/2022 8:38:18 PM
Data file:	C:\Chem32\1\Data\04Jan22\19.D	Analyst:	Brooke

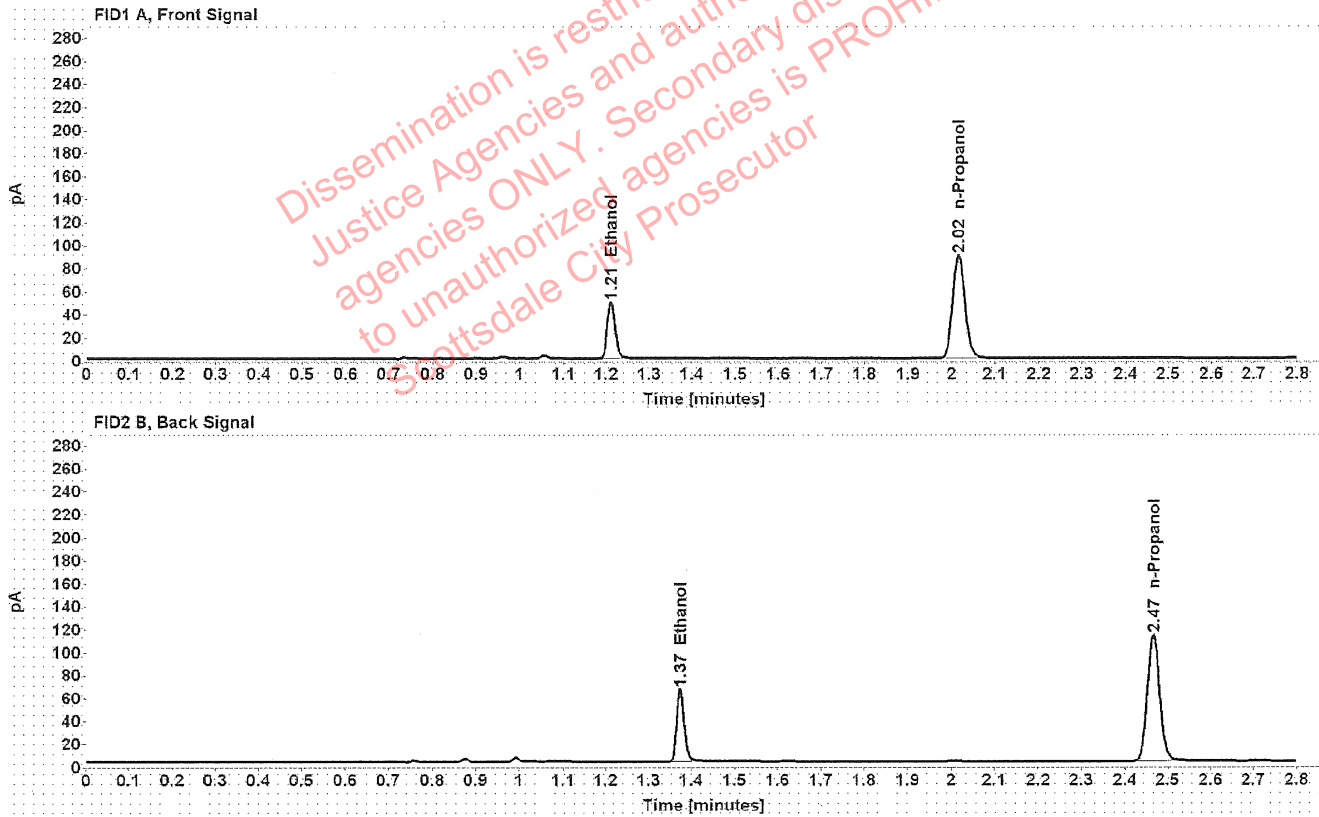


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0984	1.211	62.264
n-Propanol	-----	2.016	177.430

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

Compound	Time (min)	Peak Area
Ethanol	1.374	77.874
n-Propanol	2.466	222.590

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1373908	Vial:	21
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	04Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/4/2022 8:46:18 PM
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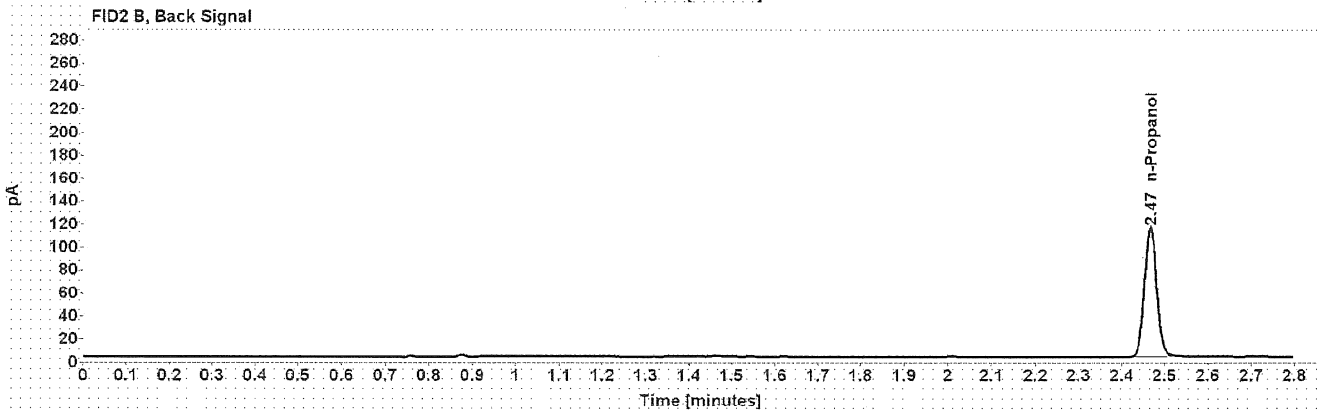
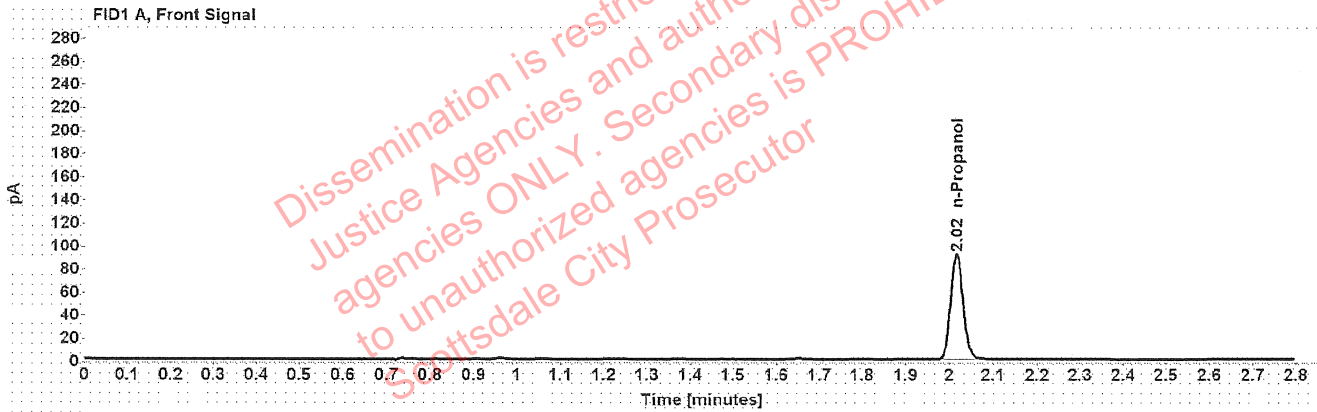


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	181.726

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

Compound	Time (min)	Peak Area
n-Propanol	2.466	227.889

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1373908	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	04Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/4/2022 8:50:18 PM
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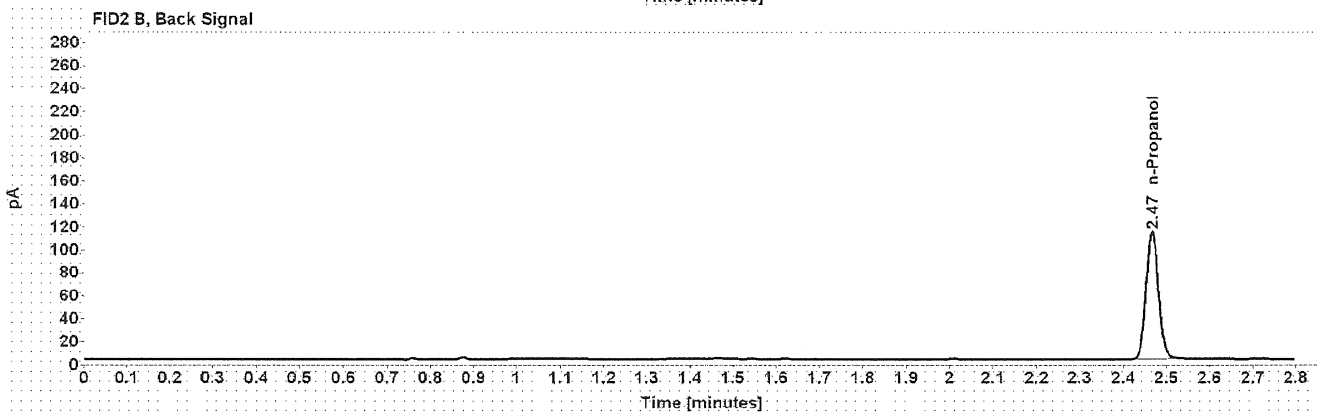
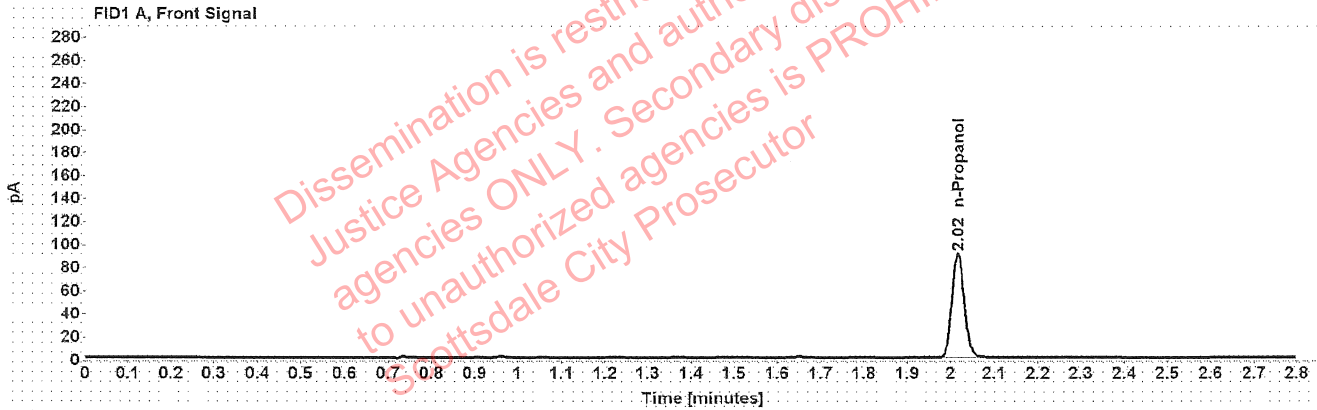


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	179.633

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

Compound	Time (min)	Peak Area
n-Propanol	2.466	225.315

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1401885	Vial: 23
Description: ██████████	LIMS ID: ██████████
Method: ethanol quant.M	Sequence: 04Jan22
Instrument: US14173023 CN14160045	Injection date: 1/4/2022 8:54:18 PM
Data file: C:\Chem32\1\Data\04Jan22\23.D	Analyst: Brooke

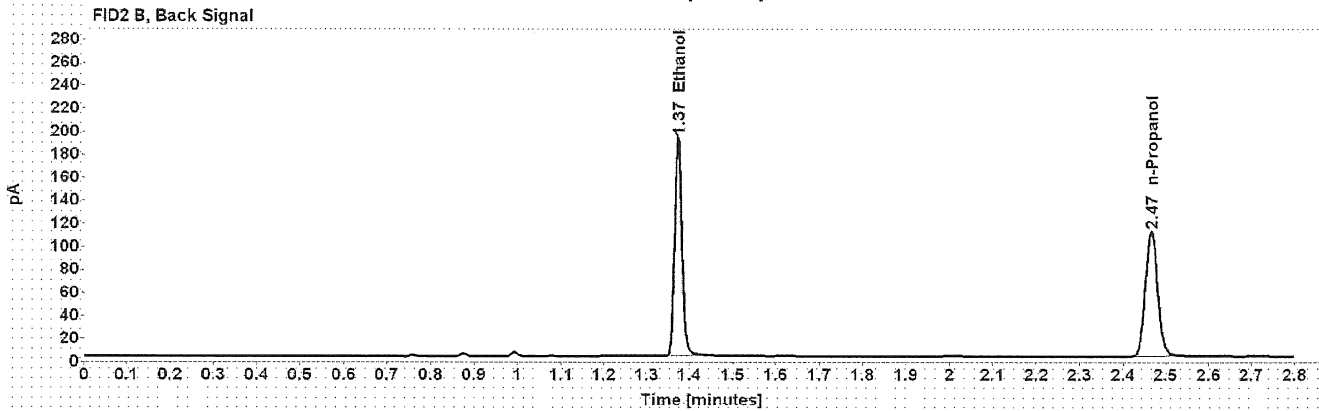
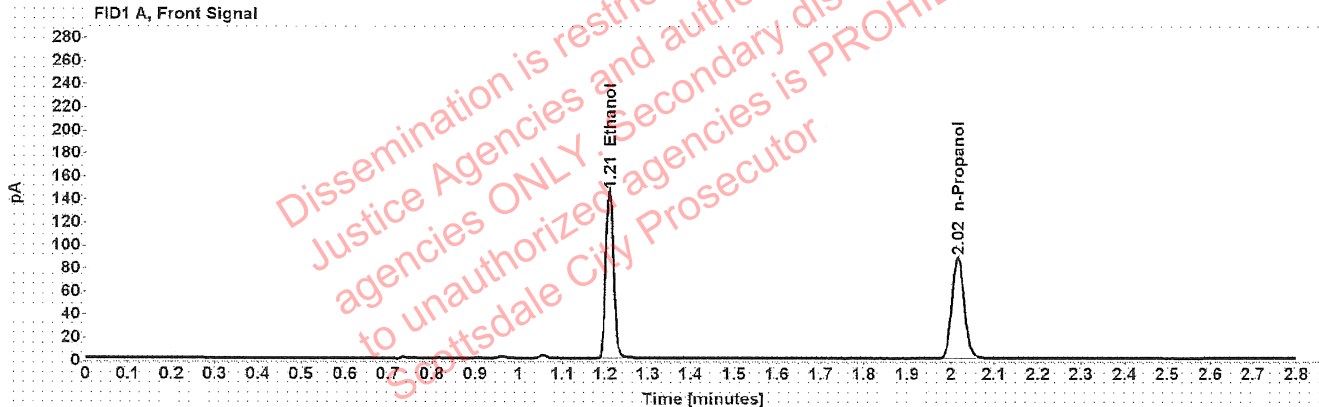


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2930	1.210	184.239
n-Propanol	-----	2.016	174.284

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

Compound	Time (min)	Peak Area
Ethanol	1.373	232.676
n-Propanol	2.466	218.827

: Brooke, Phillip - (05-Jan-2022)

Case: [REDACTED] User: pbrooke 1/5/2022

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1401885	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	04Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/4/2022 8:58:18 PM
Data file:	C:\Chem32\1\Data\04Jan22\24.D	Analyst:	Brooke

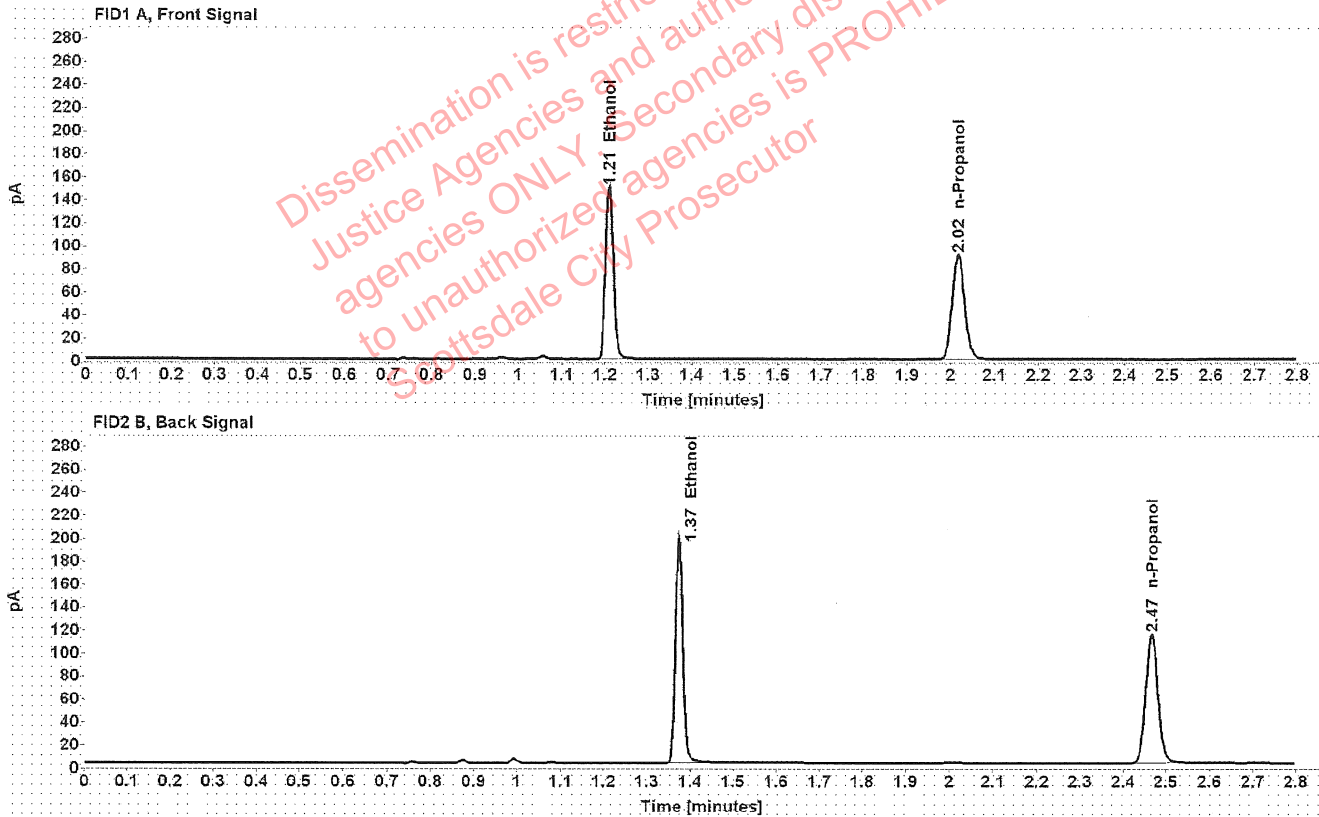


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2916	1.210	189.689
n-Propanol	-----	2.016	180.303

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

Compound	Time (min)	Peak Area
Ethanol	1.374	241.001
n-Propanol	2.467	226.246

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1402634	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	04Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/4/2022 9:02:33 PM
Data file:	C:\Chem32\1\Data\04Jan22\25.D	Analyst:	Brooke

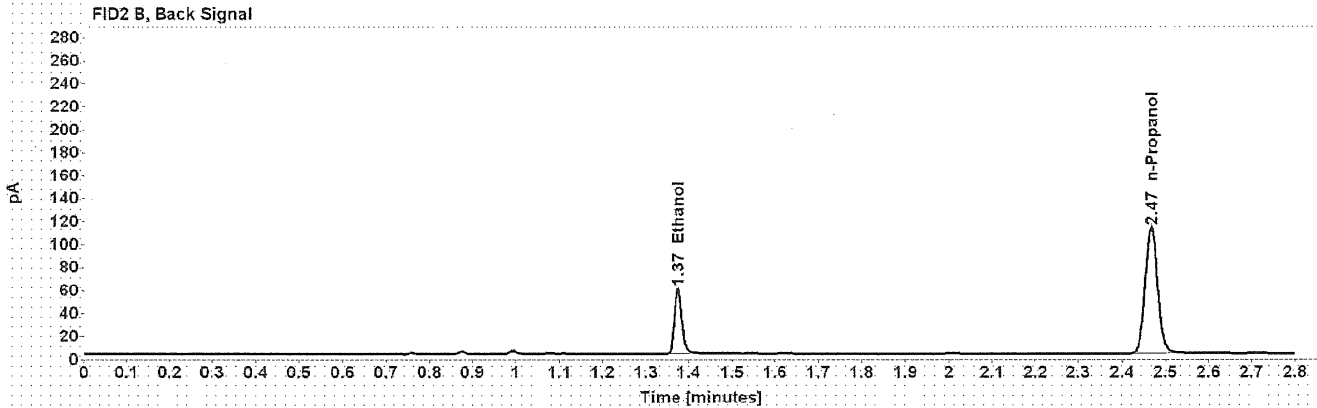
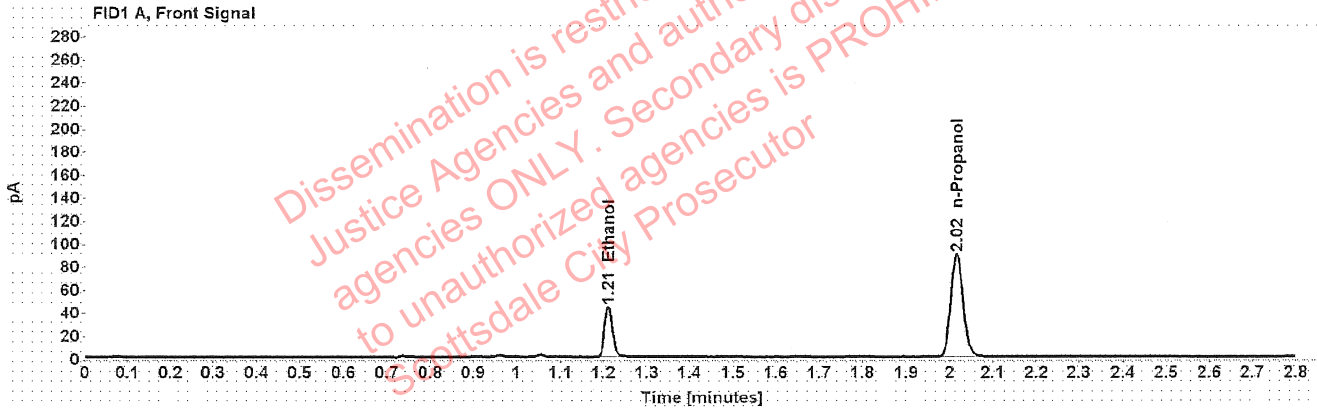


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0885	1.211	55.803
n-Propanol	-----	2.016	177.145

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

Compound	Time (min)	Peak Area
Ethanol	1.374	69.863
n-Propanol	2.467	222.416

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1402634	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	04Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/4/2022 9:06:33 PM
Data file:	C:\Chem32\1\Data\04Jan22\26.D	Analyst:	Brooke

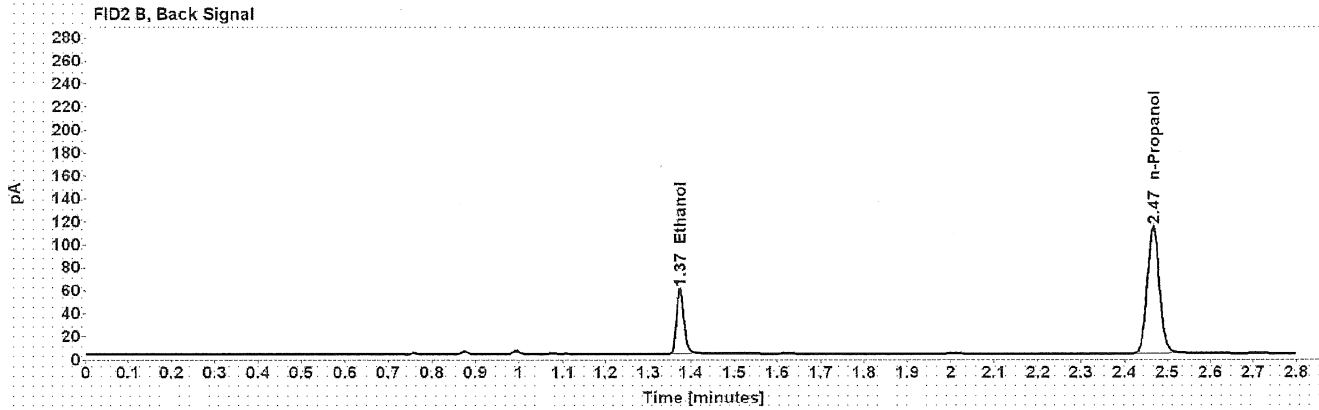
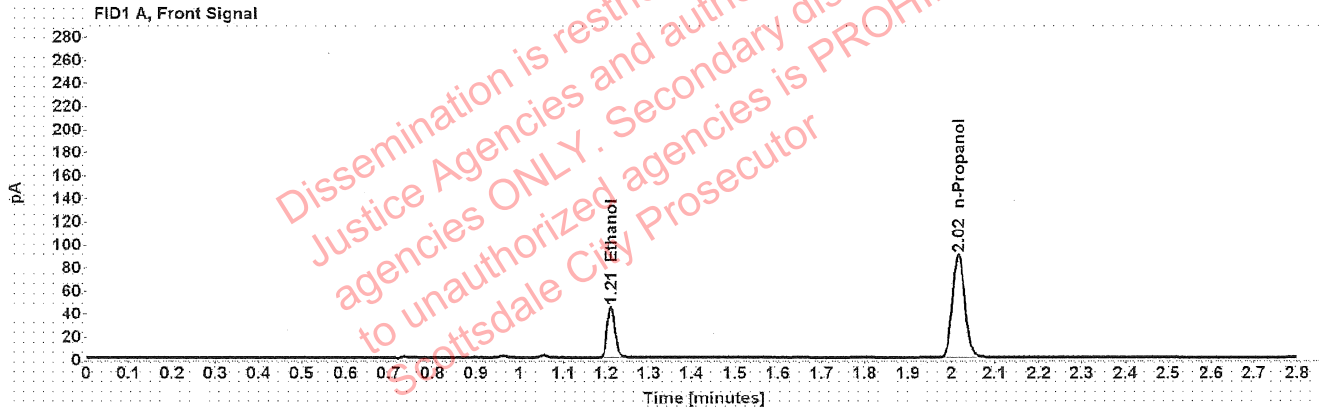


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0882	1.211	55.825
n-Propanol	-----	2.016	177.798

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

Compound	Time (min)	Peak Area
Ethanol	1.374	69.909
n-Propanol	2.467	223.371

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1402962	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	04Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/4/2022 9:10:33 PM
Data file:	C:\Chem32\1\Data\04Jan22\27.D	Analyst:	Brooke

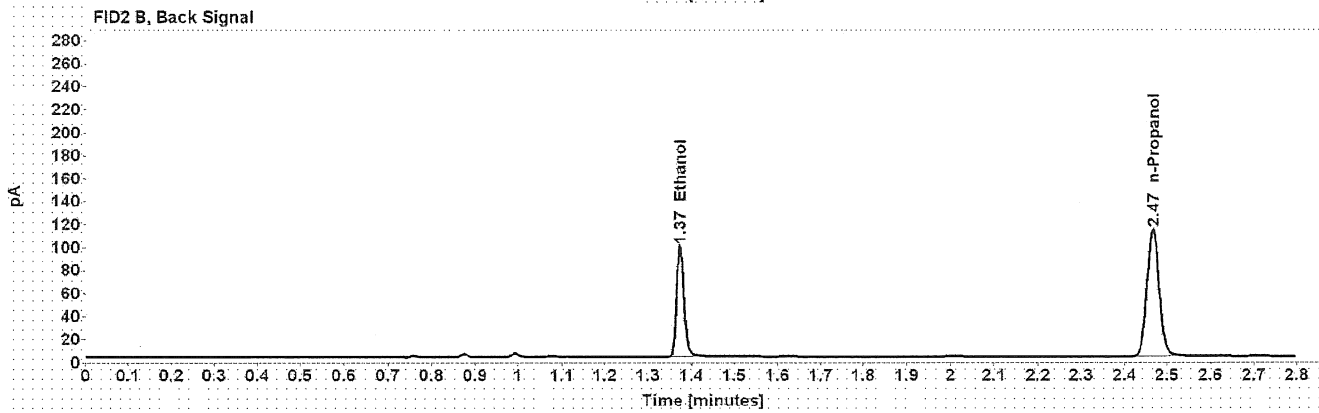
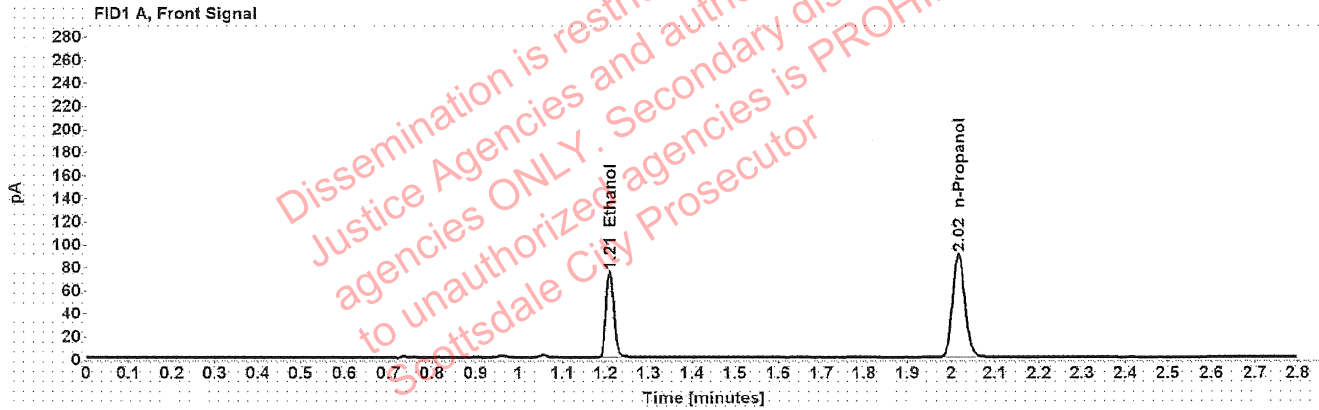


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1474	1.210	94.235
n-Propanol	-----	2.016	178.235

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

Compound	Time (min)	Peak Area
Ethanol	1.374	118.705
n-Propanol	2.466	223.742

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1402962	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	04Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/4/2022 9:14:33 PM
Data file:	C:\Chem32\1\Data\04Jan22\28.D	Analyst:	Brooke

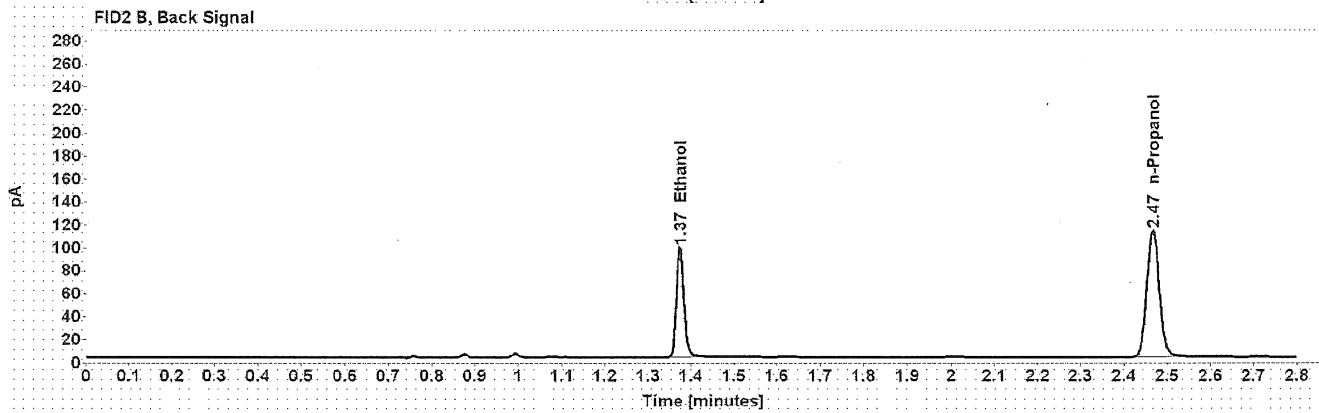
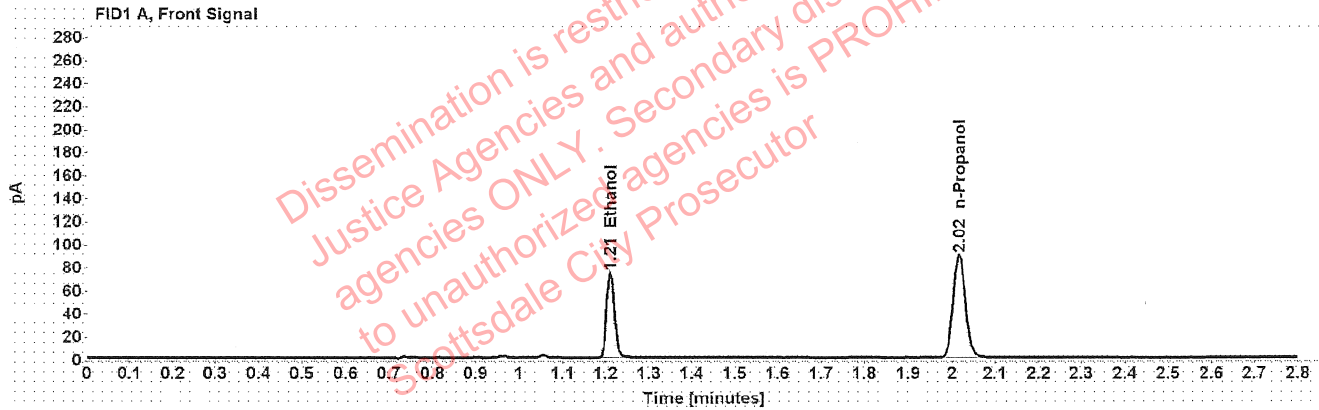


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1473	1.210	93.772
n-Propanol	-----	2.016	177.445

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

Compound	Time (min)	Peak Area
Ethanol	1.374	117.937
n-Propanol	2.466	222.890

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1403024	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	04Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/4/2022 9:18:33 PM
Data file:	C:\Chem32\1\Data\04Jan22\29.D	Analyst:	Brooke

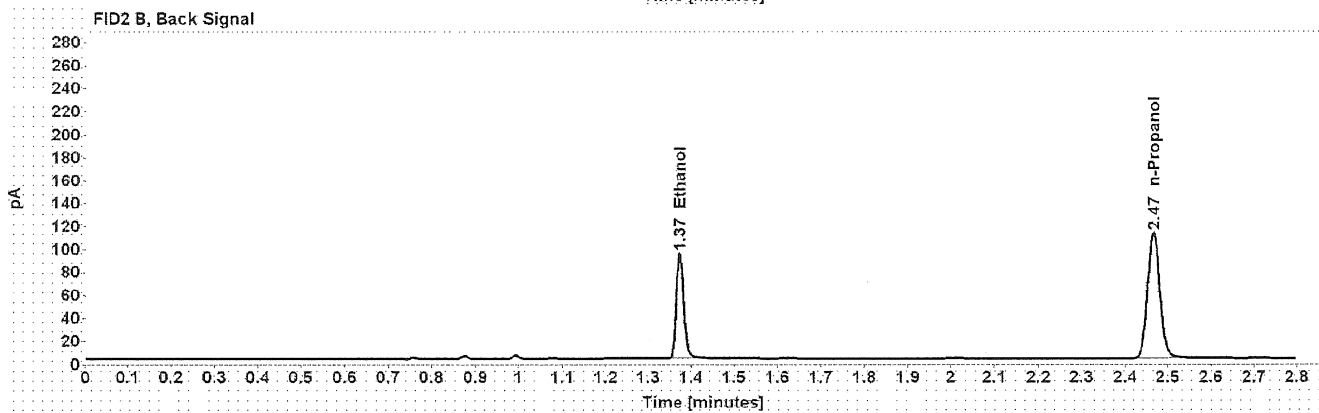
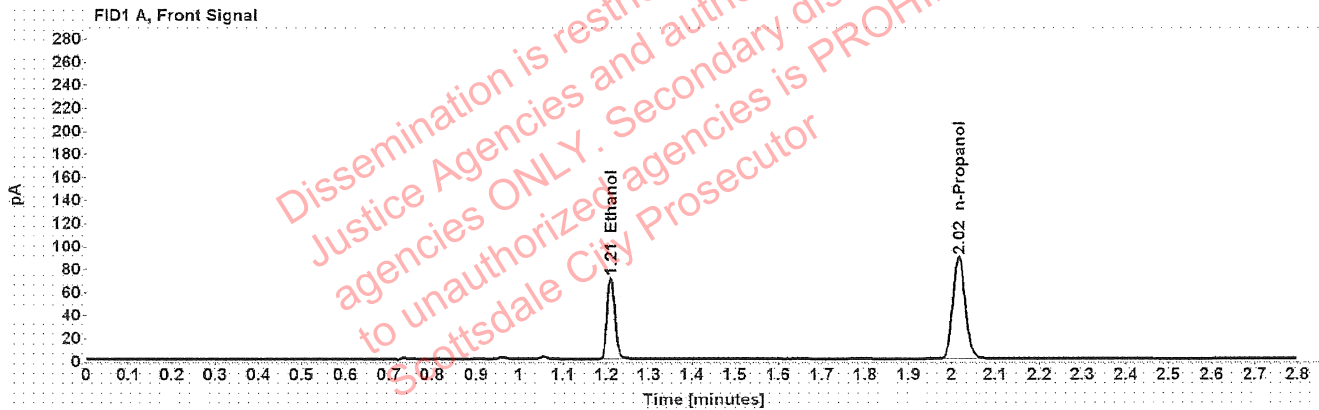


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1421	1.210	89.840
n-Propanol	-----	2.016	176.282

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

Compound	Time (min)	Peak Area
Ethanol	1.374	112.752
n-Propanol	2.466	221.819

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1403024	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	04Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/4/2022 9:22:33 PM
Data file:	C:\Chem32\1\Data\04Jan22\30.D	Analyst:	Brooke

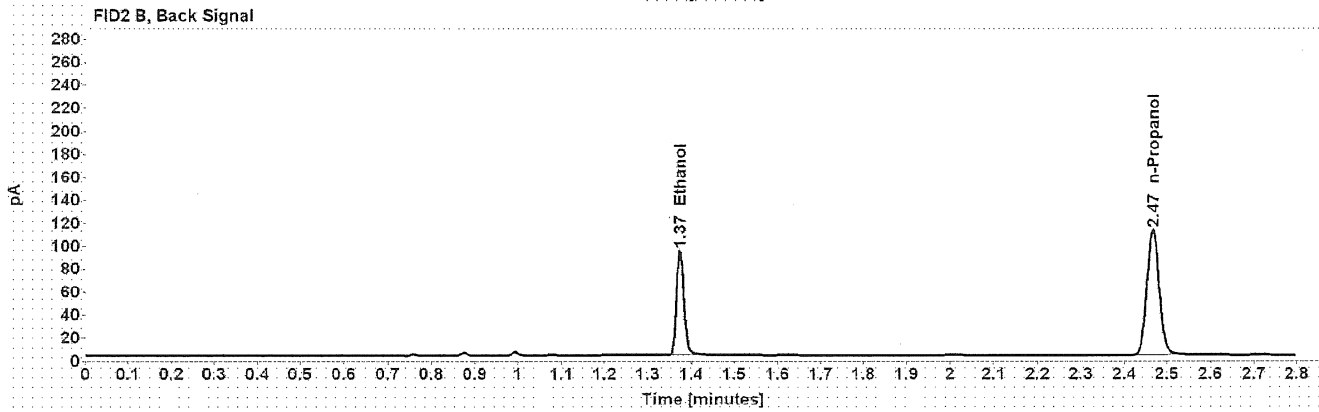
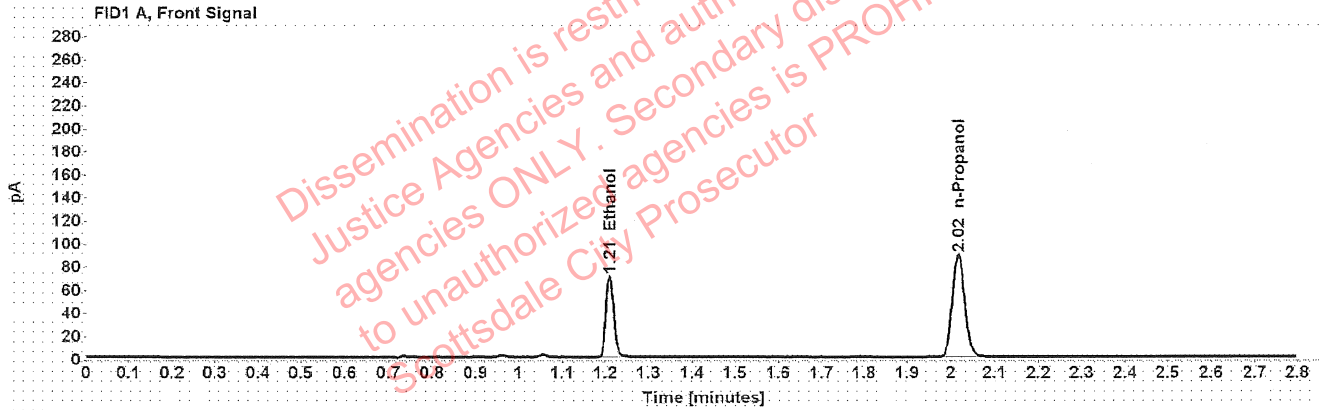


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1417	1.210	89.217
n-Propanol	-----	2.016	175.537

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

Compound	Time (min)	Peak Area
Ethanol	1.374	112.323
n-Propanol	2.466	220.897

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1403290	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	04Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/4/2022 9:30:48 PM
Data file:	C:\Chem32\1\Data\04Jan22\32.D	Analyst:	Brooke

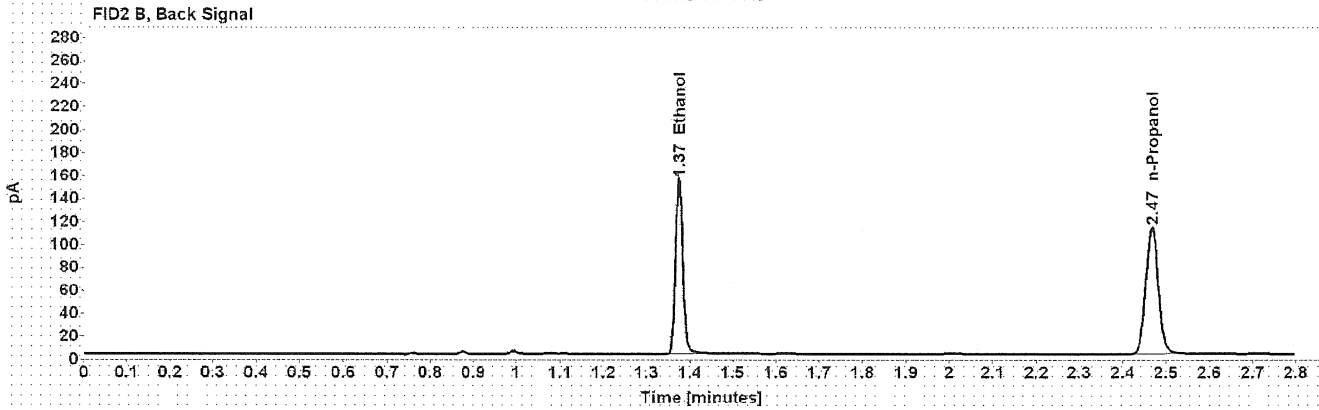
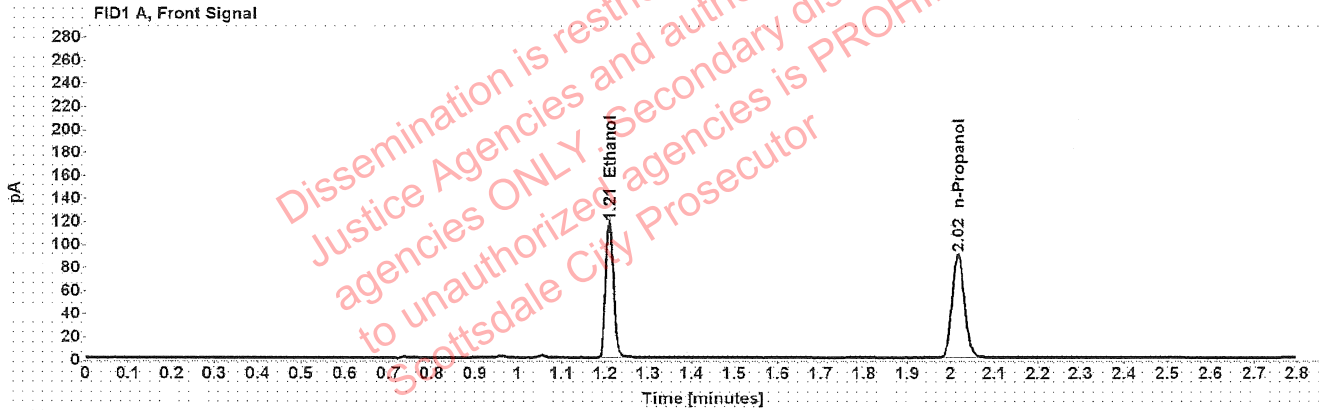


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2320	1.210	148.552
n-Propanol	-----	2.016	177.733

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

Compound	Time (min)	Peak Area
Ethanol	1.374	189.065
n-Propanol	2.467	223.296

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1403290	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	04Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/4/2022 9:34:48 PM
Data file:	C:\Chem32\1\Data\04Jan22\33.D	Analyst:	Brooke

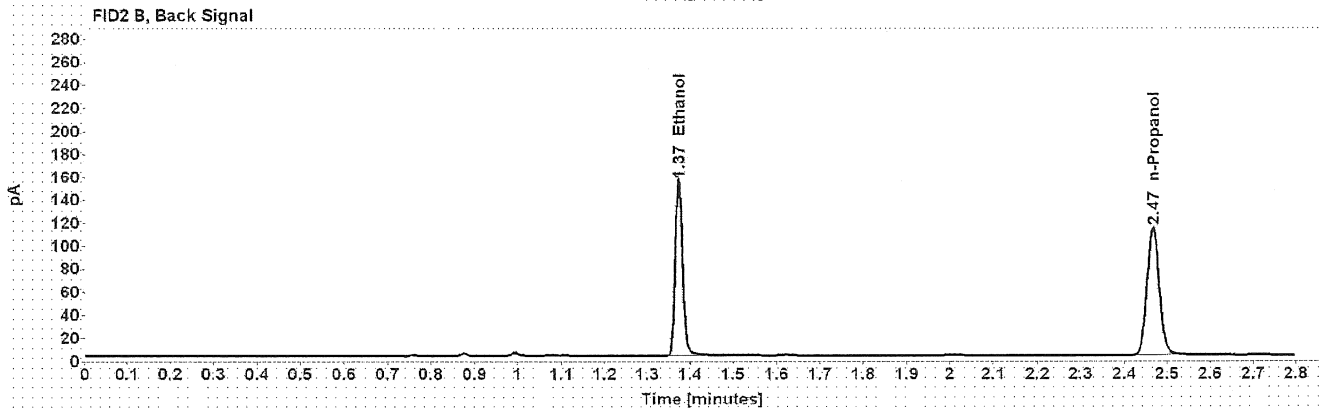
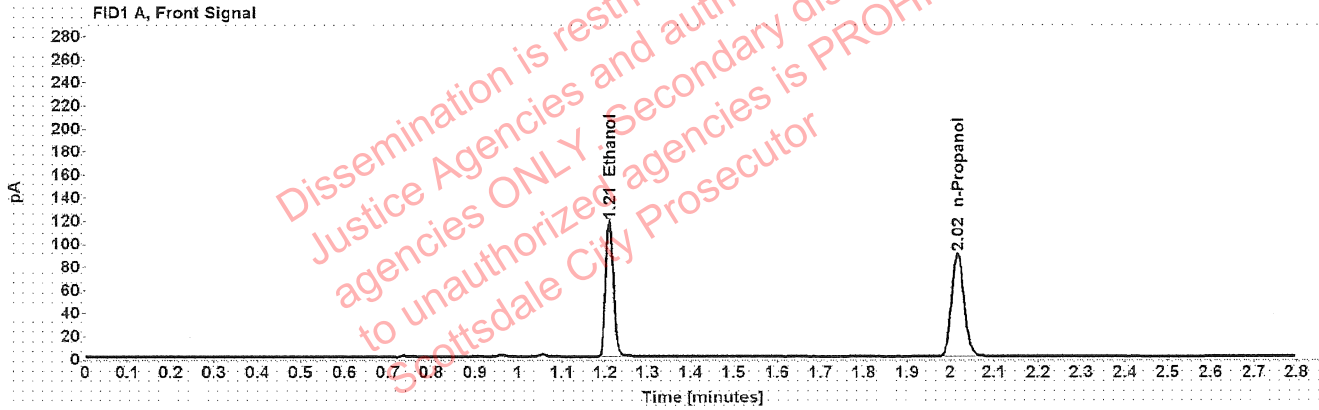


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2322	1.210	148.299
n-Propanol	-----	2.016	177.319

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

Compound	Time (min)	Peak Area
Ethanol	1.374	188.577
n-Propanol	2.466	222.748

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1402917	Vial:	34
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	04Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/4/2022 9:38:48 PM
Data file:	C:\Chem32\1\Data\04Jan22\34.D	Analyst:	Brooke

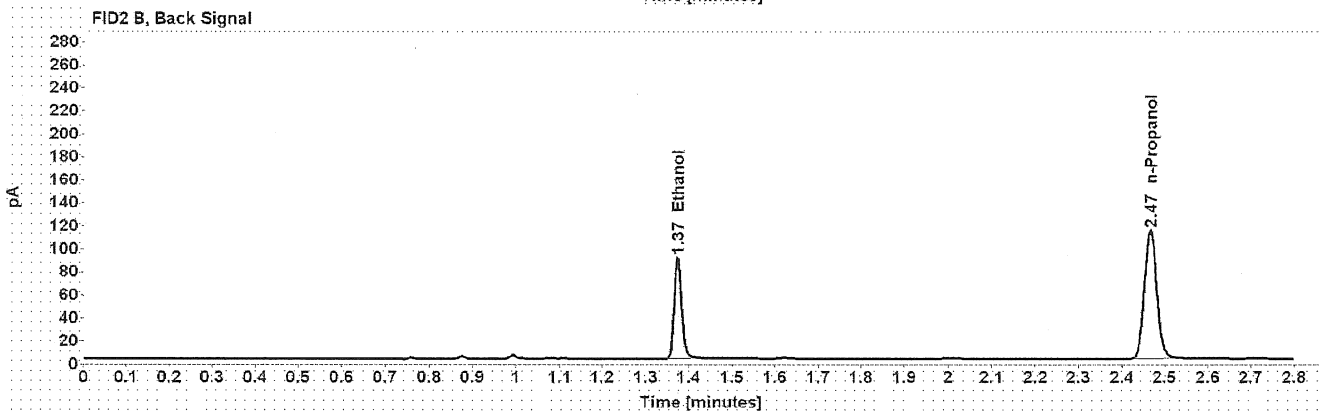
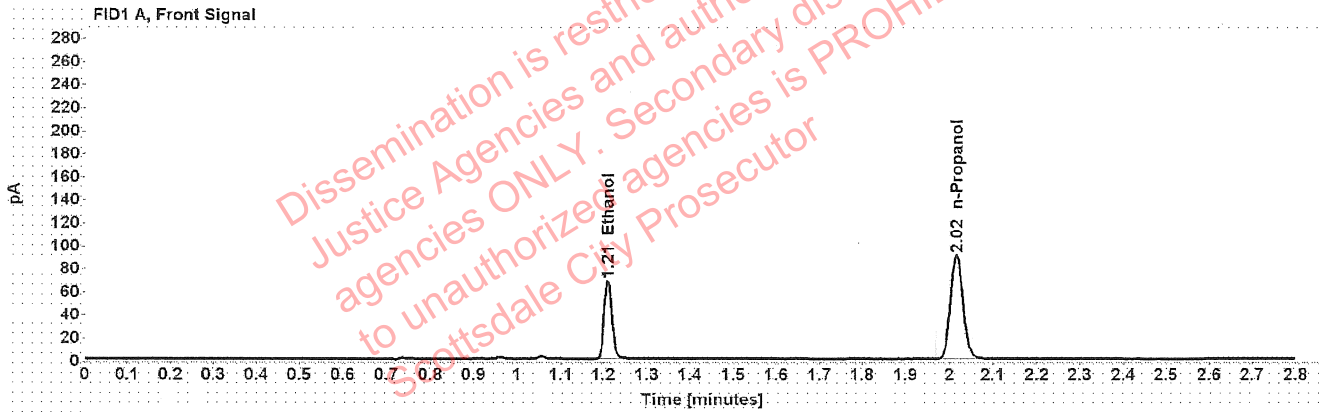


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1343	1.210	86.384
n-Propanol	-----	2.016	179.459

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

Compound	Time (min)	Peak Area
Ethanol	1.374	108.711
n-Propanol	2.466	225.727

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1402917	Vial:	35
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	04Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/4/2022 9:42:48 PM
Data file:	C:\Chem32\1\Data\04Jan22\35.D	Analyst:	Brooke

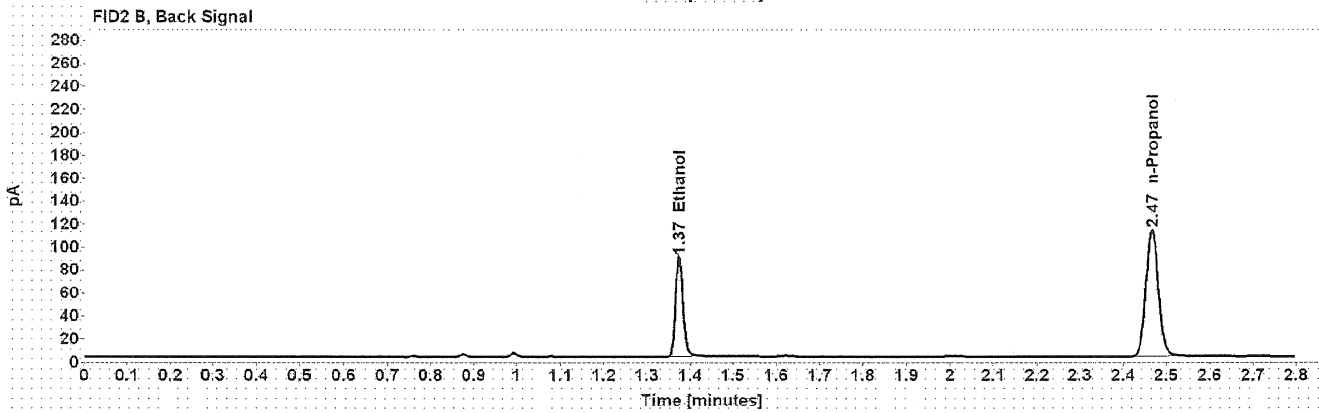
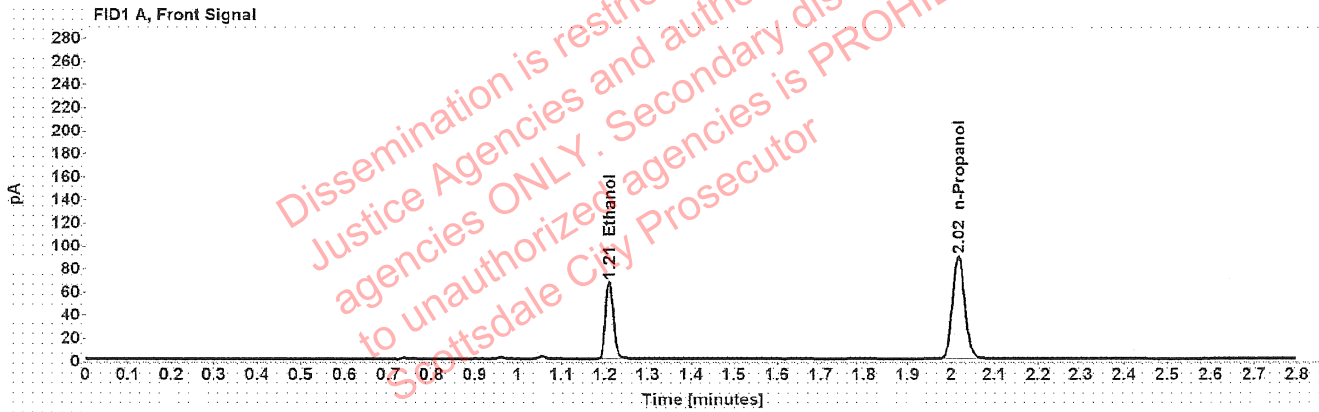


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1340	1.210	85.021
n-Propanol	-----	2.016	177.004

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

Compound	Time (min)	Peak Area
Ethanol	1.374	106.869
n-Propanol	2.466	222.720

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1402947	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	04Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/4/2022 9:46:48 PM
Data file:	C:\Chem32\1\Data\04Jan22\36.D	Analyst:	Brooke

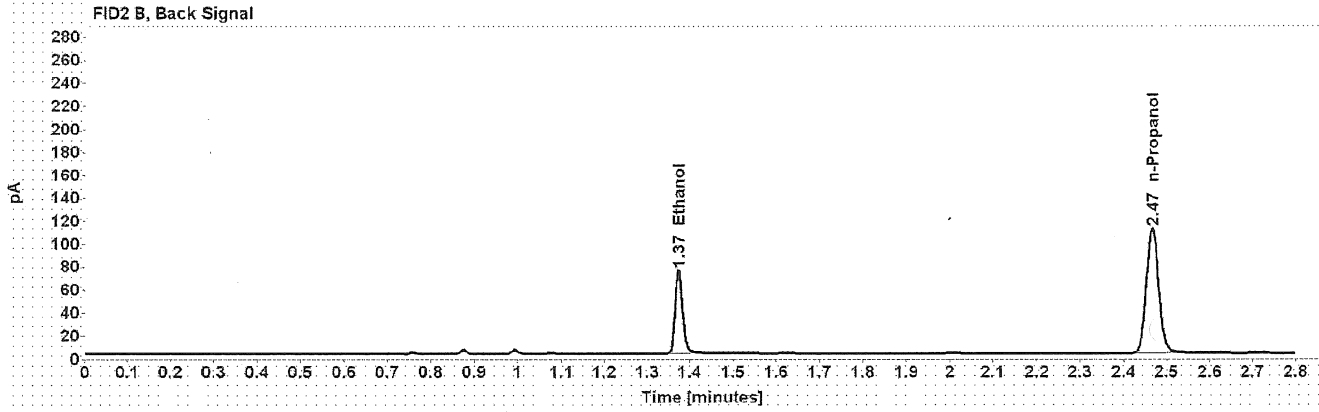
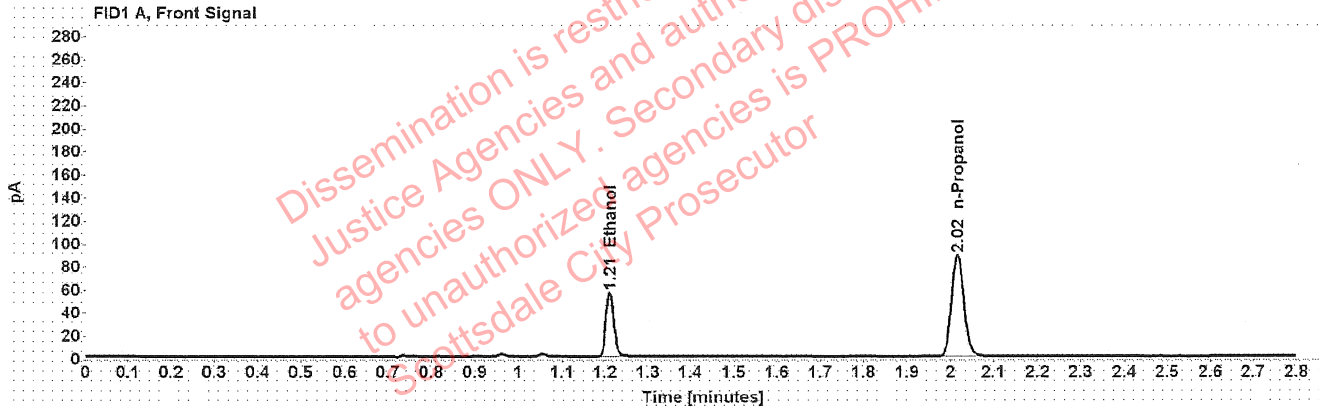


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1136	1.211	71.160
n-Propanol	-----	2.016	175.224

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

Compound	Time (min)	Peak Area
Ethanol	1.374	89.424
n-Propanol	2.466	220.049

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1402947	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	04Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/4/2022 9:51:03 PM
Data file:	C:\Chem32\1\Data\04Jan22\37.D	Analyst:	Brooke

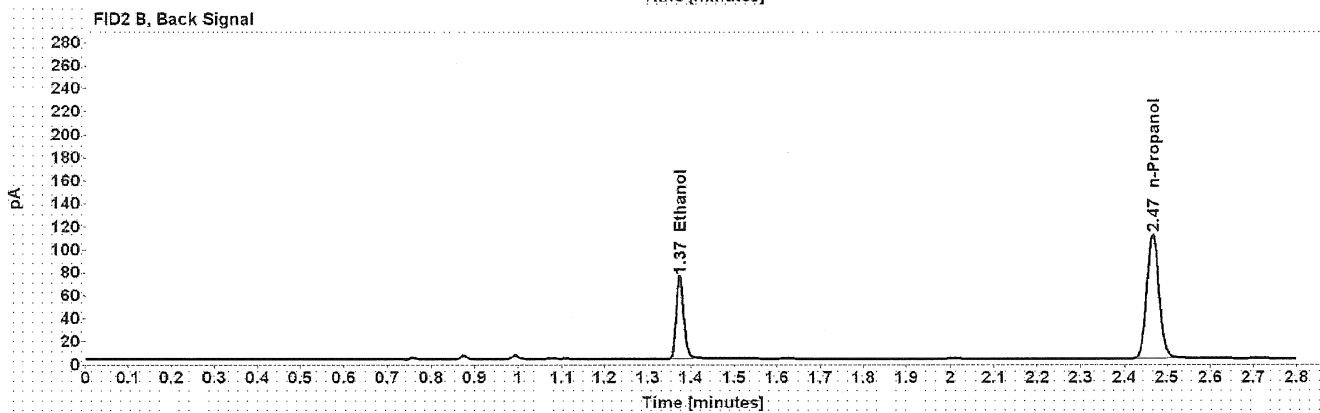
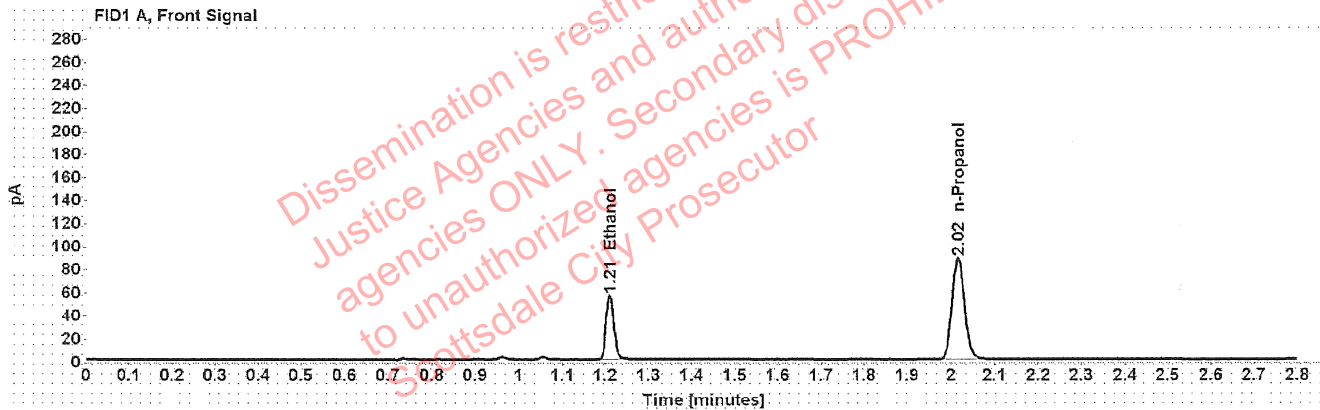


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1135	1.211	70.560
n-Propanol	-----	2.016	173.867

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

Compound	Time (min)	Peak Area
Ethanol	1.374	88.413
n-Propanol	2.466	218.148

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1372099	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	04Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/4/2022 9:55:03 PM
Data file:	C:\Chem32\1\Data\04Jan22\38.D	Analyst:	Brooke

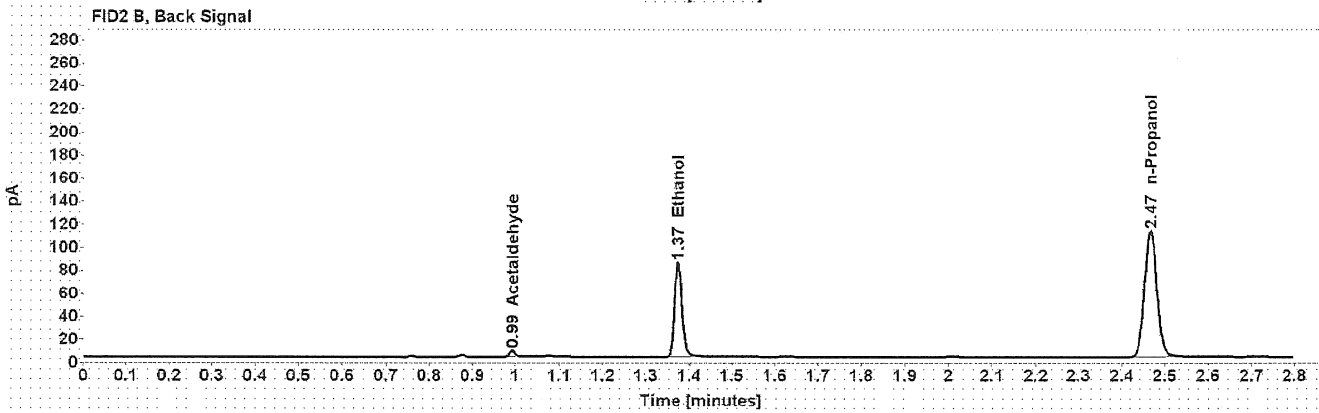
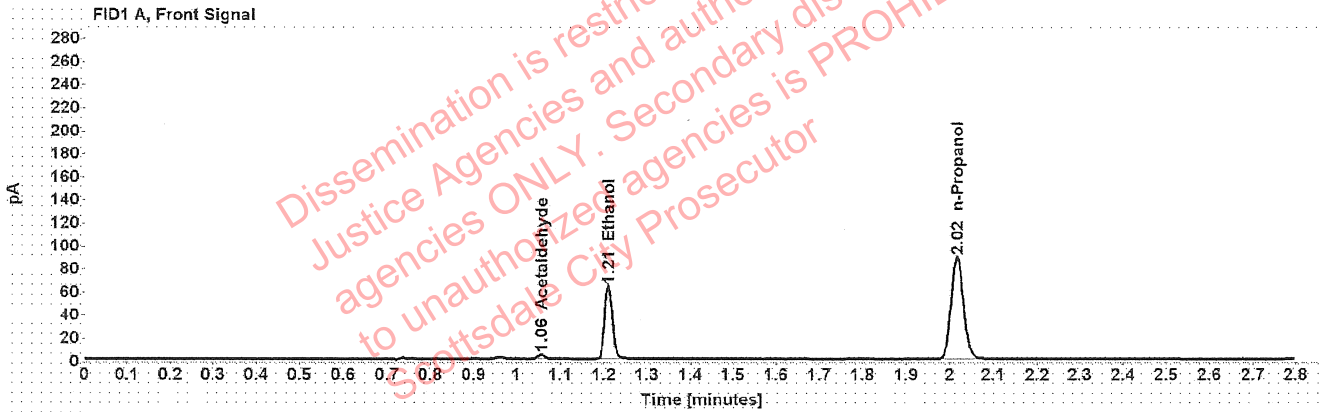


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	3.888
>Ethanol	0.1278	1.210	80.762
n-Propanol	-----	2.016	176.434

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5.185
Ethanol	1.374	101.425
n-Propanol	2.466	221.661

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1372099	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	04Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/4/2022 9:59:03 PM
Data file:	C:\Chem32\1\Data\04Jan22\39.D	Analyst:	Brooke

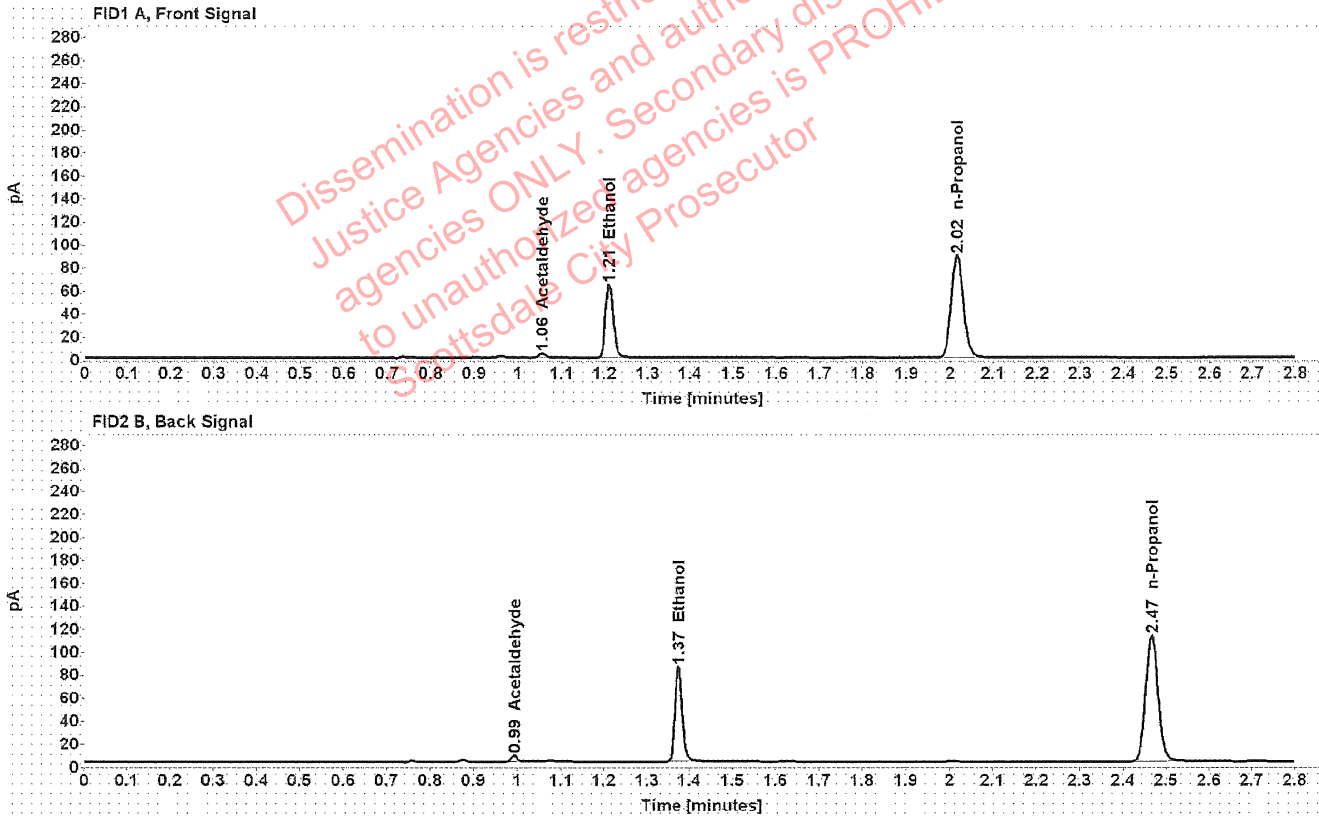


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	3.862
>Ethanol	0.1280	1.210	80.923
n-Propanol	-----	2.016	176.557

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5.191
Ethanol	1.374	101.491
n-Propanol	2.466	221.591

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	ITEM4	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	04Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/4/2022 10:03:03 PM
Data file:	C:\Chem32\1\Data\04Jan22\40.D	Analyst:	Brooke

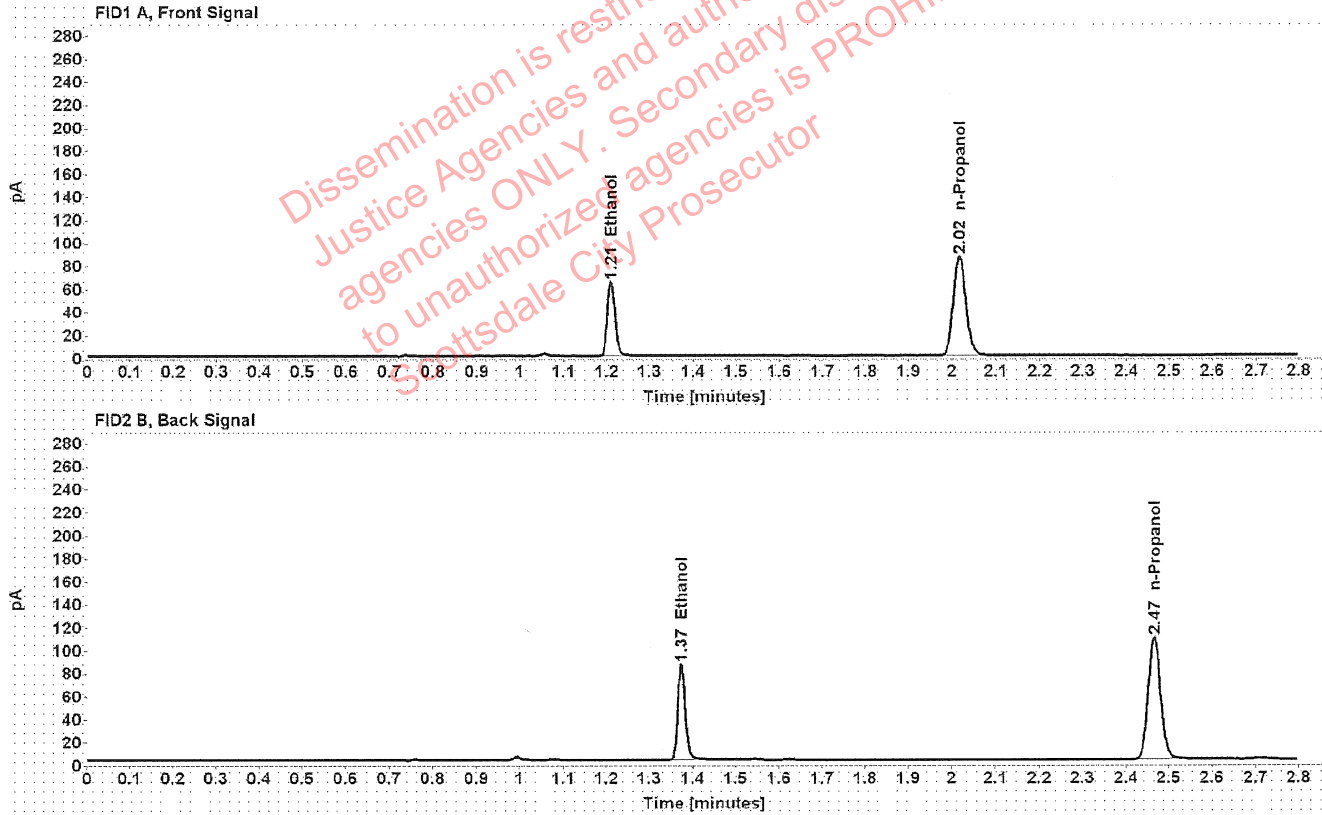


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1330	1.210	81.569
n-Propanol	-----	2.016	171.105

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

Compound	Time (min)	Peak Area
Ethanol	1.374	102.665
n-Propanol	2.466	215.190

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	ITEM4	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	04Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/4/2022 10:07:03 PM
Data file:	C:\Chem32\1\Data\04Jan22\41.D	Analyst:	Brooke

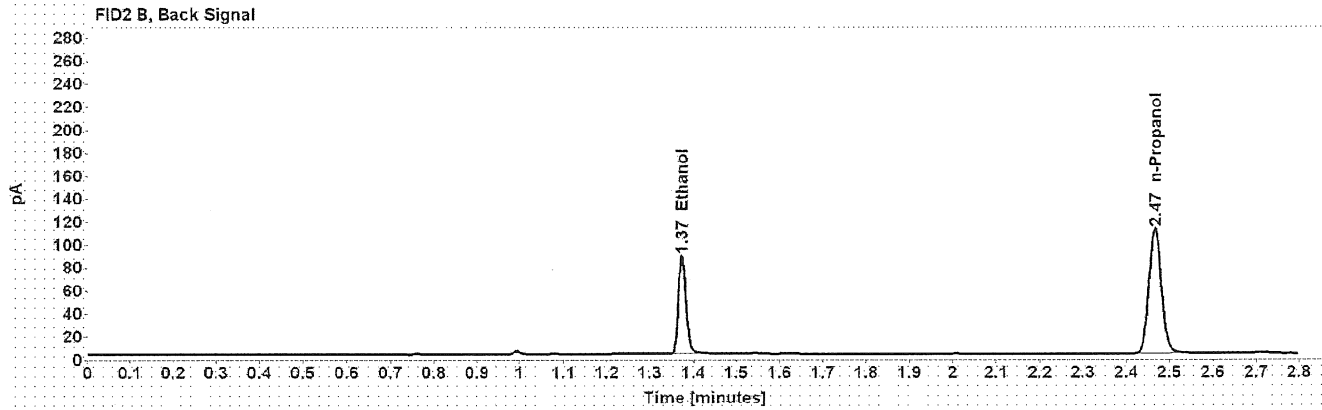
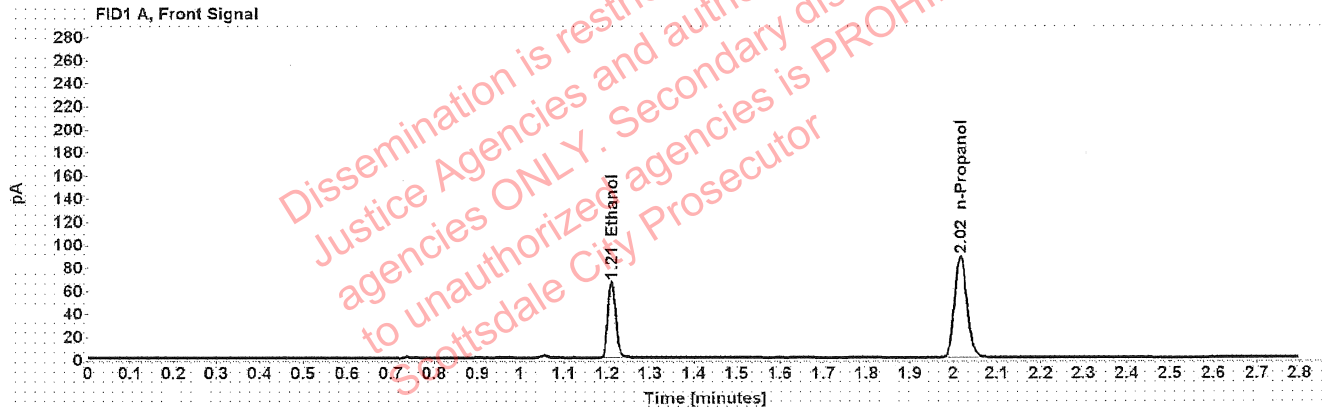


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1334	1.210	83.634
n-Propanol	-----	2.016	174.978

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

Compound	Time (min)	Peak Area
Ethanol	1.374	105.555
n-Propanol	2.466	220.336

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	ITEM3	Vial:	45
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	04Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/4/2022 10:23:18 PM
Data file:	C:\Chem32\1\Data\04Jan22\45.D	Analyst:	Brooke

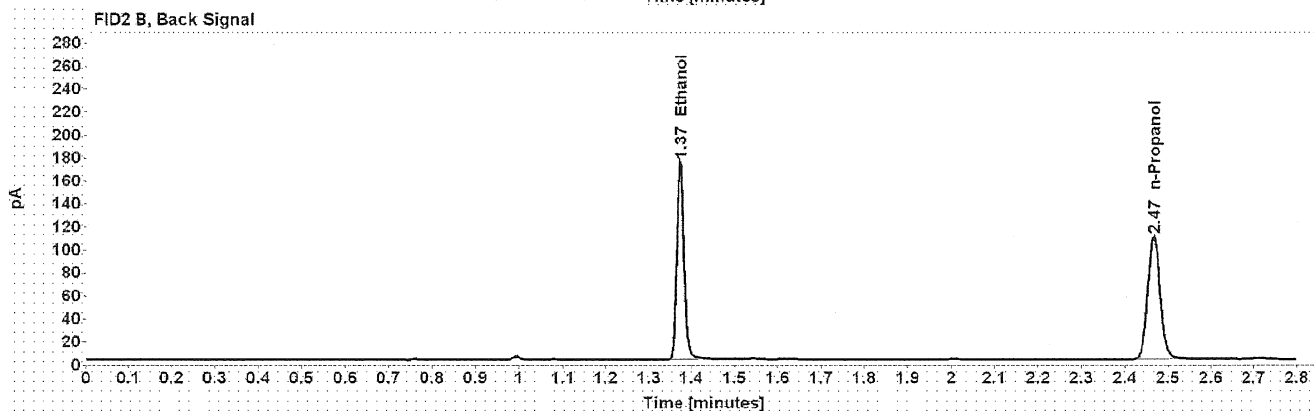
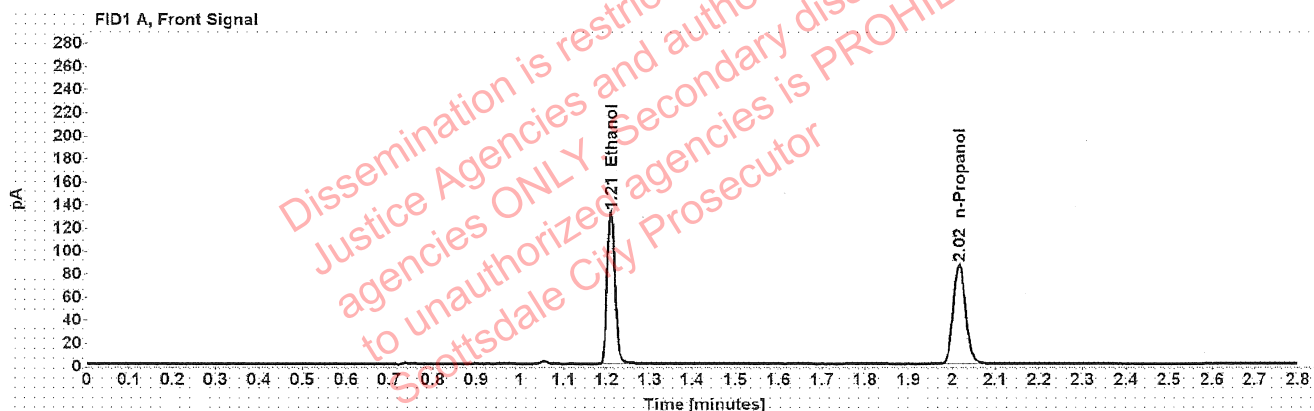


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2693	1.210	167.070
n-Propanol	-----	2.016	172.030

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

Compound	Time (min)	Peak Area
Ethanol	1.374	211.740
n-Propanol	2.467	216.438

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	ITEM3	Vial:	46
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	04Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/4/2022 10:27:17 PM
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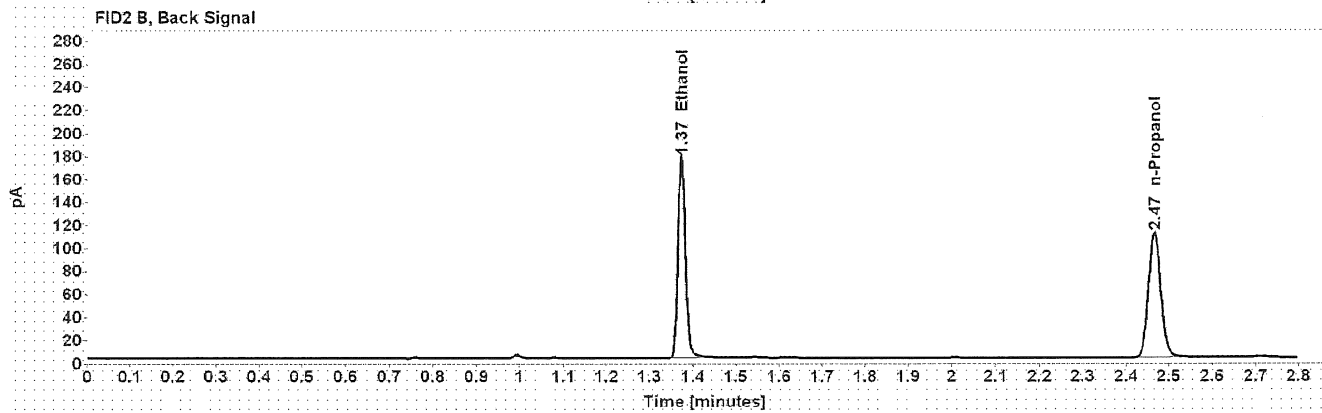
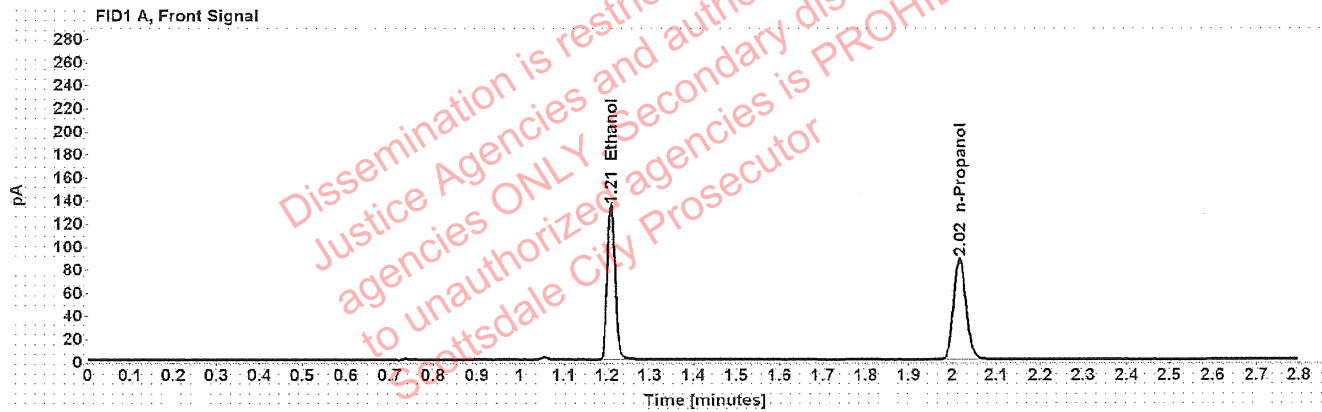


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2699	1.210	169.524
n-Propanol	-----	2.016	174.205

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

Compound	Time (min)	Peak Area
Ethanol	1.374	214.982
n-Propanol	2.466	219.530

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	ITEM2	Vial:	43
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	04Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/4/2022 10:15:18 PM
Data file:	C:\Chem32\1\Data\04Jan22\43.D	Analyst:	Brooke

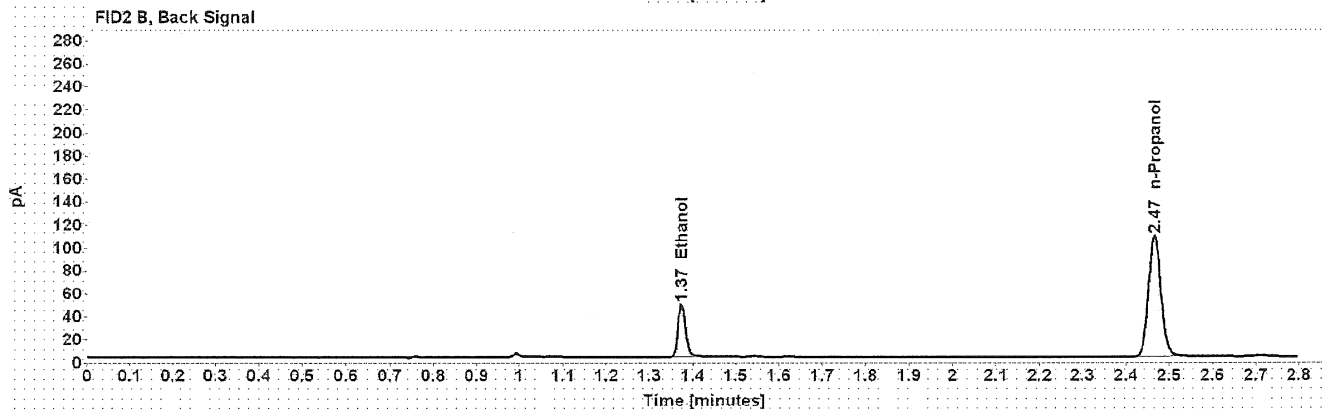
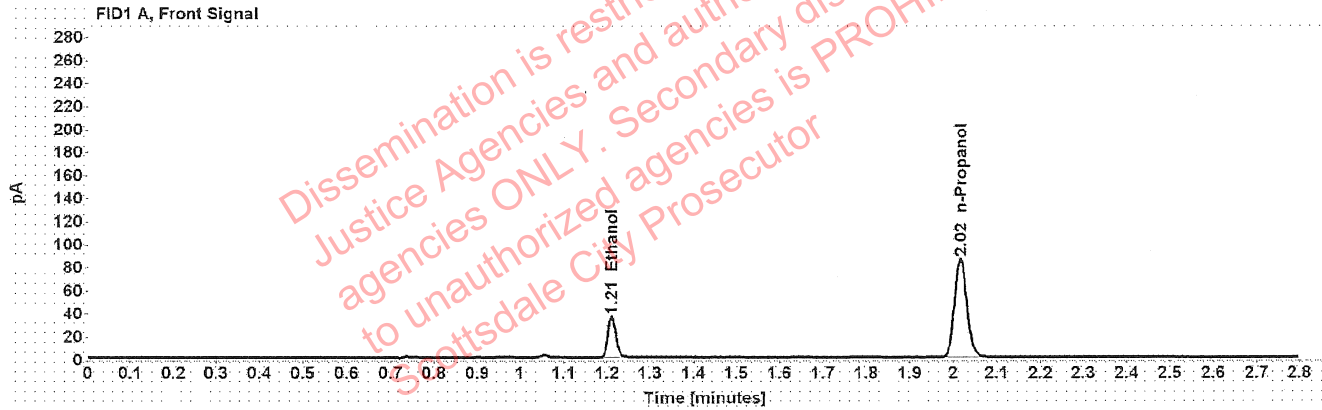


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0750	1.211	45.204
n-Propanol	-----	2.016	169.873

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

Compound	Time (min)	Peak Area
Ethanol	1.374	56.701
n-Propanol	2.466	213.618

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	ITEM2	Vial:	44
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	04Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/4/2022 10:19:18 PM
Data file:	C:\Chem32\1\Data\04Jan22\44.D	Analyst:	Brooke

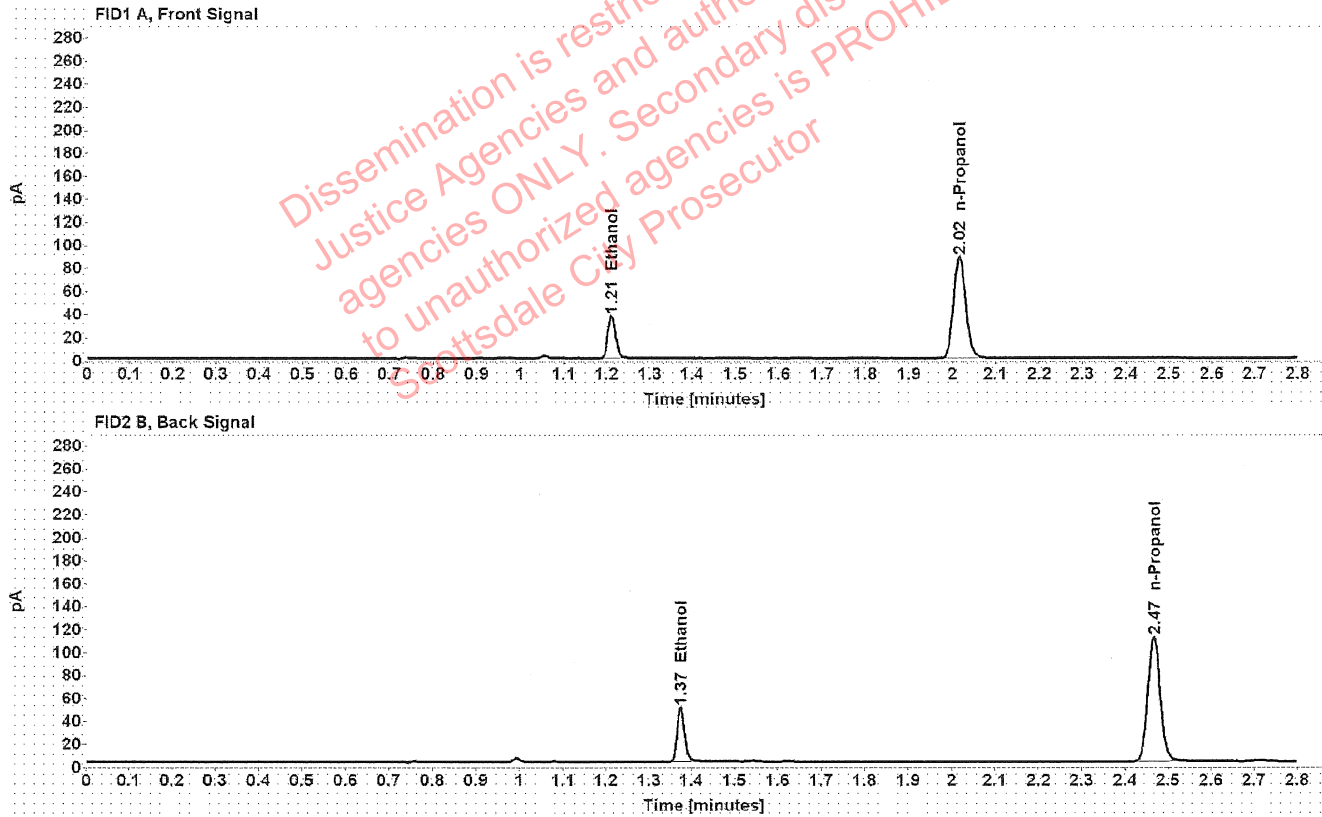


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0754	1.211	46.725
n-Propanol	-----	2.016	174.743

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

Compound	Time (min)	Peak Area
Ethanol	1.374	58.691
n-Propanol	2.466	219.946

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	ITEM1	Vial:	47
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	04Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/4/2022 10:31:18 PM
Data file:	C:\Chem32\1\Data\04Jan22\47.D	Analyst:	Brooke

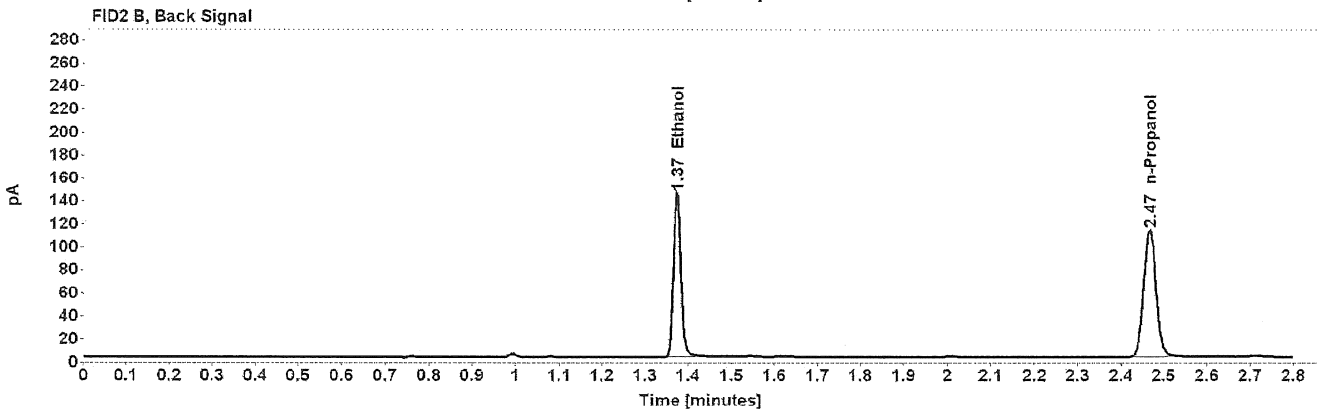
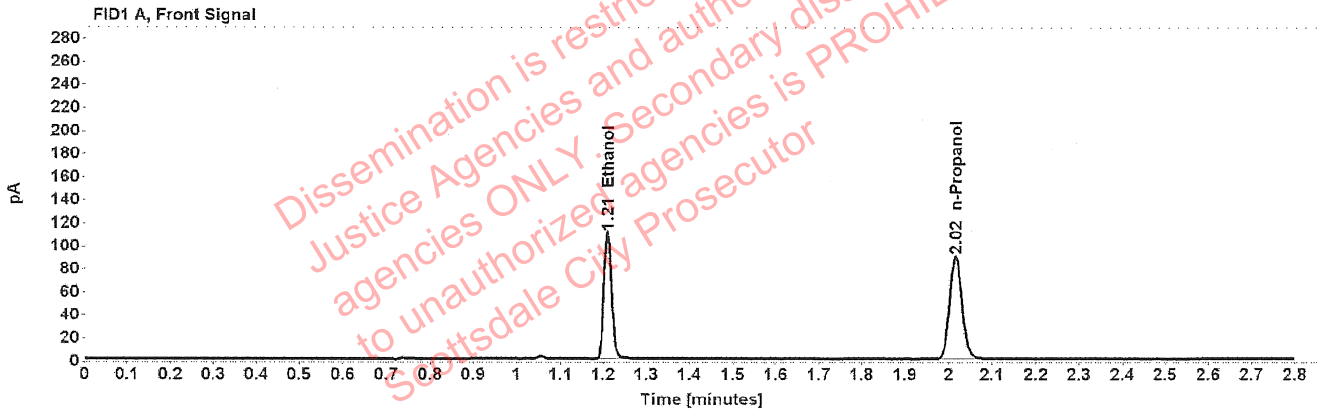


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2172	1.210	138.568
n-Propanol	-----	2.016	177.185

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

Compound	Time (min)	Peak Area
Ethanol	1.374	175.642
n-Propanol	2.466	223.359

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	ITEM1	Vial:	48
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	04Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/4/2022 10:35:18 PM
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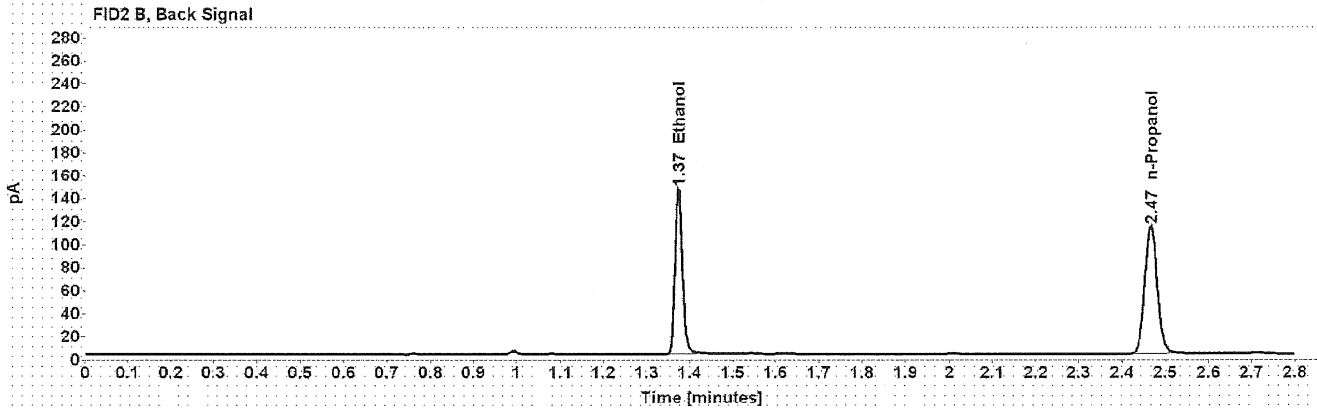
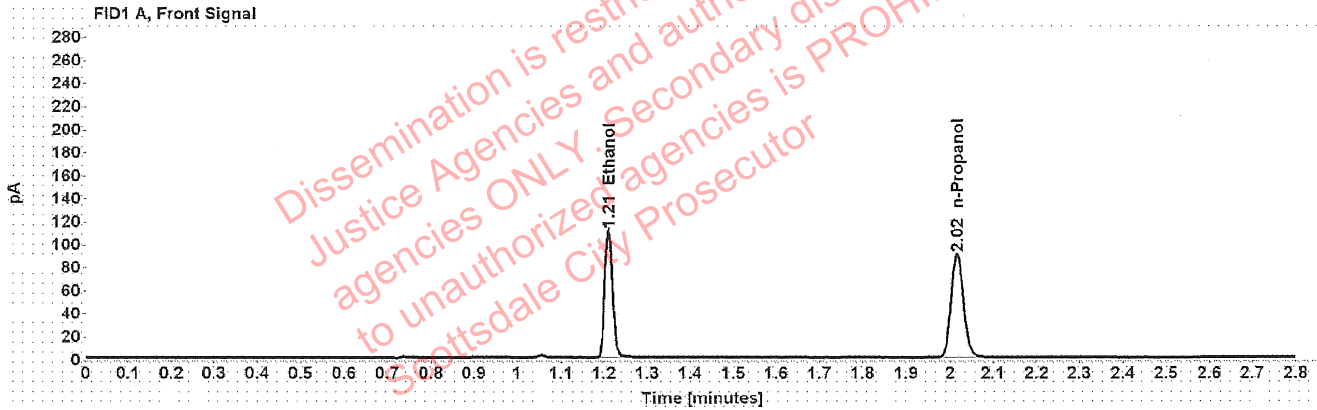


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2177	1.210	139.906
n-Propanol	-----	2.016	178.524

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

Compound	Time (min)	Peak Area
Ethanol	1.374	177.316
n-Propanol	2.466	224.828