

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 01/11/2022 SEQUENCE NAME 11Jan22

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 0.99991
 Vial 3 0.20 calibrator Lot FN05101903
 Vial 4 0.40 calibrator Lot FN10051906

CALIBRATION VERIFICATION AND RESOLUTION TEST

<u>Vial</u>	<u>Sample</u>	<u>Expected result</u>	<u>Measured result</u>	<u>Manufacturer/lot</u>
5	Blank	Not detected	Not detected	SPD lab 100421AQ
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.404 g/dL	Lipomed 11092018-A
8	Aqueous control	0.040 g/dL	0.042 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	0.081 g/dL	Lipomed 20012020-B
31	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 20012020-B
40	Aqueous control	0.400 g/dL	0.397 g/dL	Lipomed 11092018-A
41	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 14082019-B
42	Blood control	0.199 g/dL	0.200 g/dL	ACQ 4110320133/2
43	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.

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

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

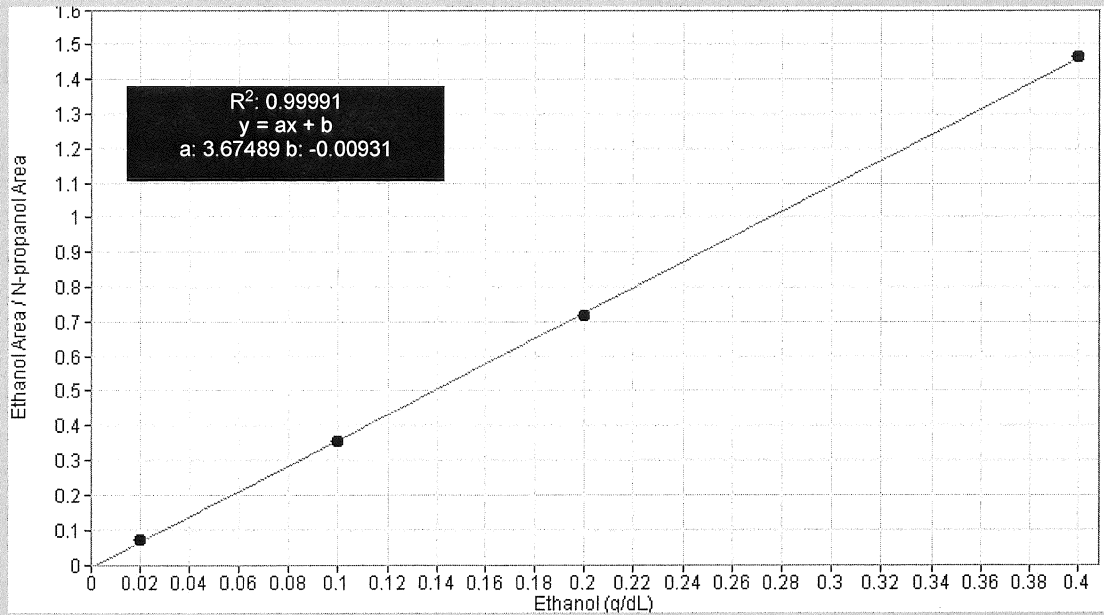
SEQUENCE NAME: 11Jan22

ANALYST: Canonico

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	0.404	0.400	1.00	0.004
0.040 14082019-B	8	0.042	0.040	5.00	0.002
0.199 4110320133/2	9	0.202	0.199	1.51	0.003
0.080 20012020-B	20	0.081	0.080	1.25	0.001
0.080 20012020-B	31	0.081	0.080	1.25	0.001
0.400 11092018-A	40	0.397	0.400	0.75	-0.003
0.040 14082019-B	41	0.041	0.040	2.50	0.001
0.199 4110320133/2	42	0.200	0.199	0.50	0.001
blank 101921WB	43	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.897	170.254	0.070
0.100	59.289	166.783	0.356
0.200	119.999	166.918	0.719
0.400	248.149	169.452	1.464

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN06141806	Vial: 1
Description: 0.020 calibrator	Sequence: 11Jan22
Method: ethanol quant.M	Injection date: 1/11/2022 12:25:52 PM
Instrument: US14173023 CN14160045	Analyst: Canonico ee
Data file: C:\Chem32\1\Data\11Jan22\1.D	

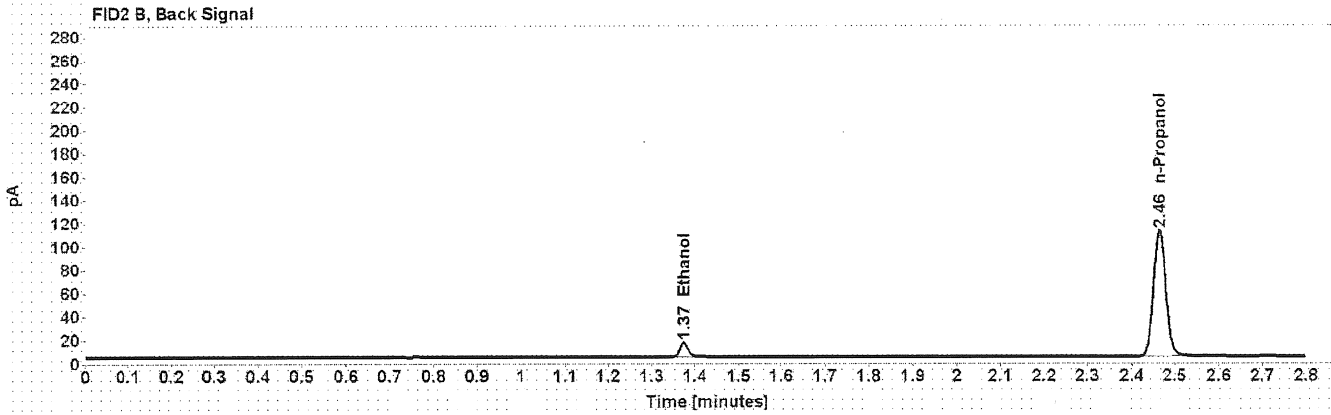
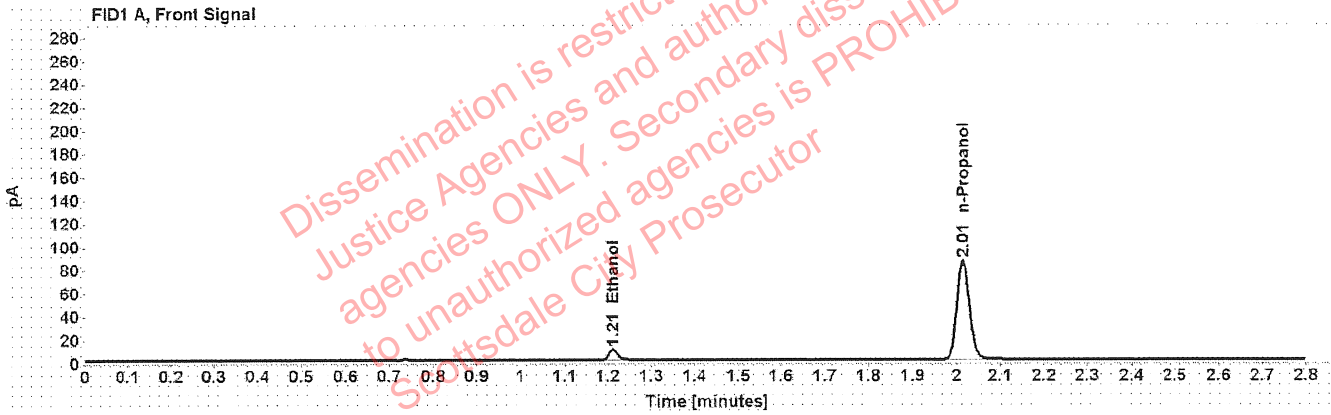


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.212	11.897
n-Propanol	2.015	170.254

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

Compound	Time (min)	Peak Area
Ethanol	1.374	15.029
n-Propanol	2.464	215.905

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN05311902	Vial:	2
Description:	0.100 calibrator	Sequence:	11Jan22
Method:	ethanol quant.M	Injection date:	1/11/2022 12:29:52 PM
Instrument:	US14173023 CN14160045	Analyst:	Canonico ec
Data file:	C:\Chem32\1\Data\11Jan22\2.D		

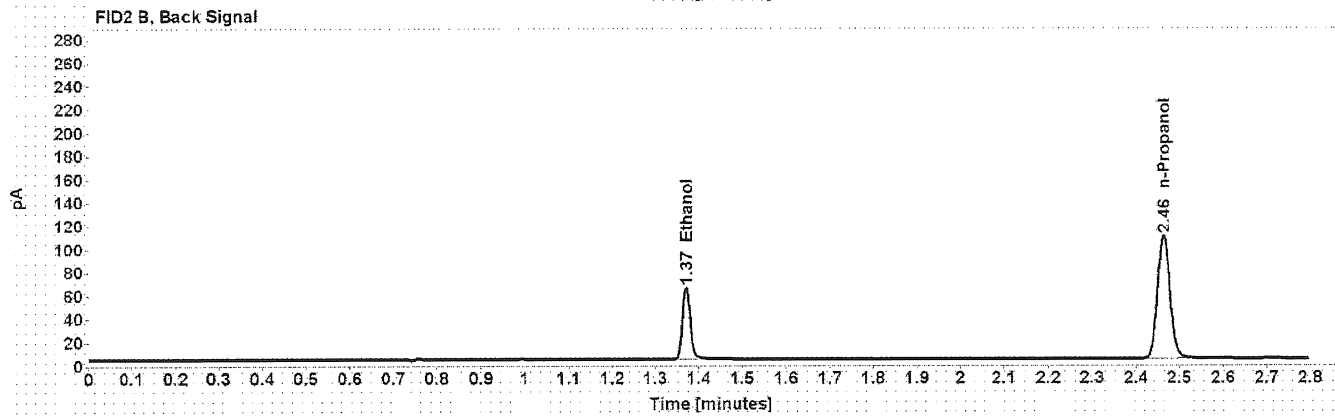
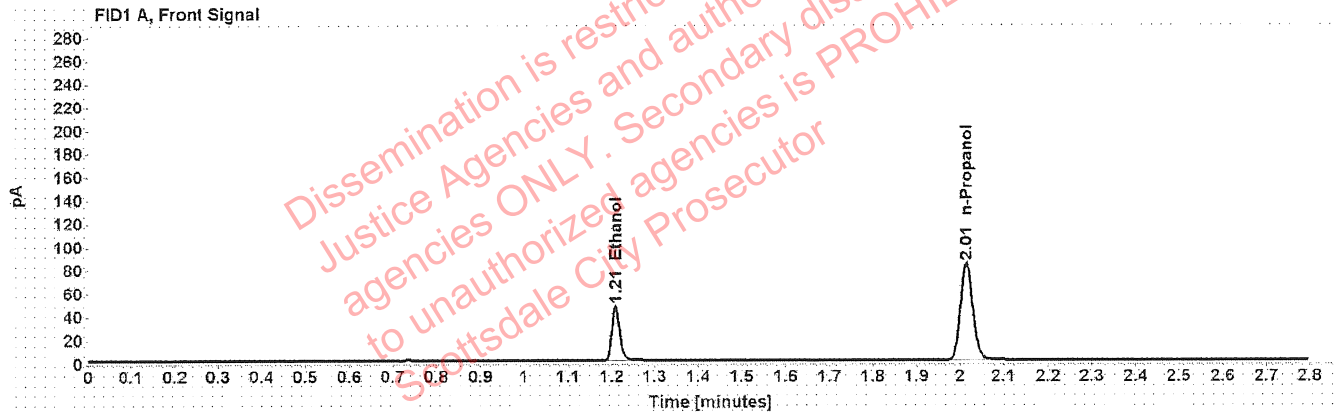


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	59.289
n-Propanol	2.014	166.783

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

Compound	Time (min)	Peak Area
Ethanol	1.371	75.126
n-Propanol	2.464	211.584

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN05101903	Vial:	3
Description:	0.200 calibrator	Sequence:	11Jan22
Method:	ethanol quant.M	Injection date:	1/11/2022 12:33:52 PM
Instrument:	US14173023 CN14160045	Analyst:	Canonico ec
Data file:	C:\Chem32\1\Data\11Jan22\3.D		

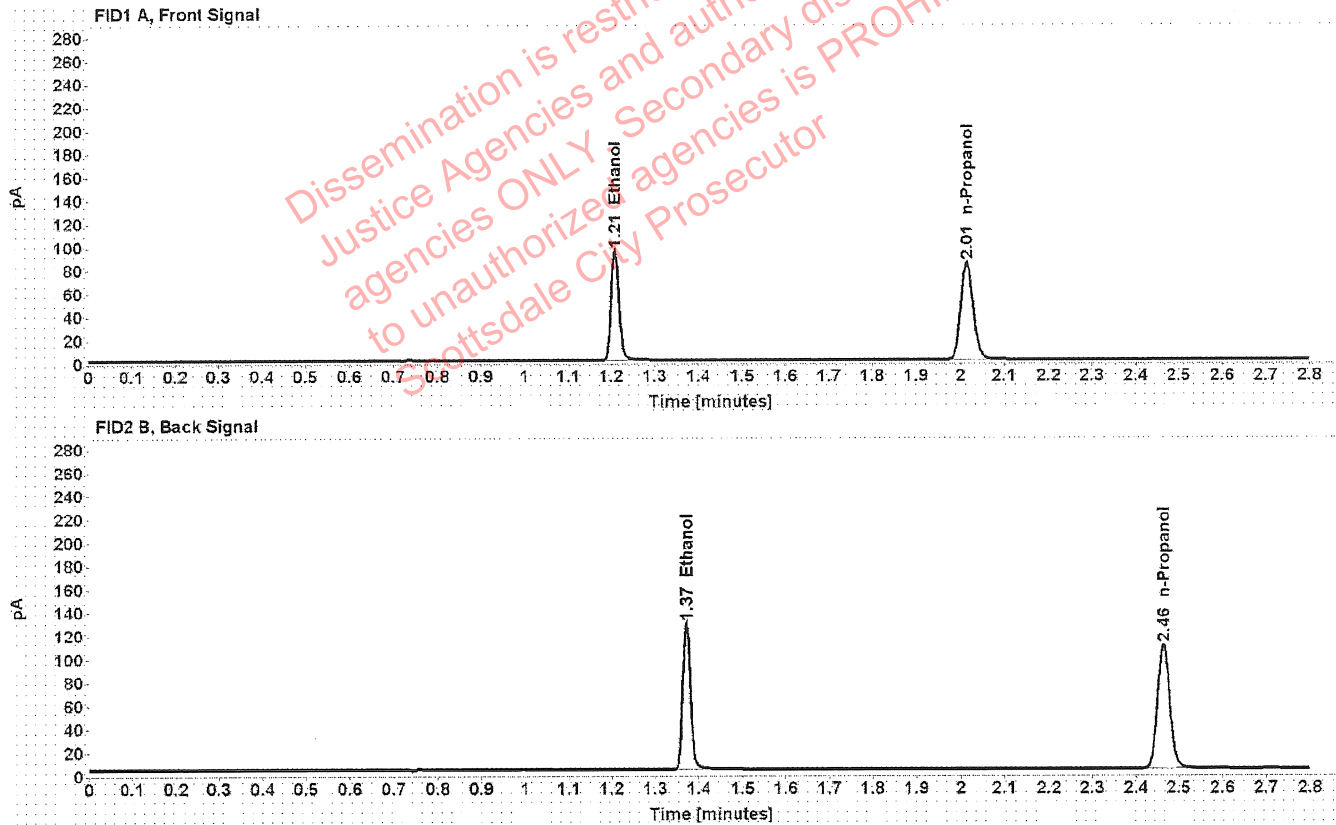


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	119.999
n-Propanol	2.015	166.918

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

Compound	Time (min)	Peak Area
Ethanol	1.371	152.463
n-Propanol	2.464	211.700

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN10051906	Vial:	4
Description:	0.400 calibrator	Sequence:	11Jan22
Method:	ethanol quant.M	Injection date:	1/11/2022 12:37:52 PM
Instrument:	US14173023 CN14160045	Analyst:	Canonico ec
Data file:	C:\Chem32\1\Data\11Jan22\4.D		

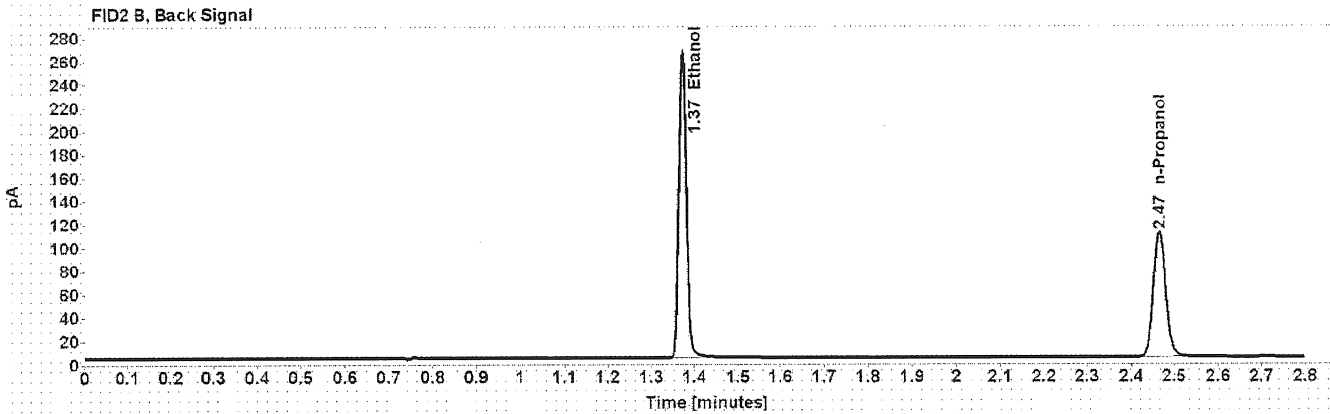
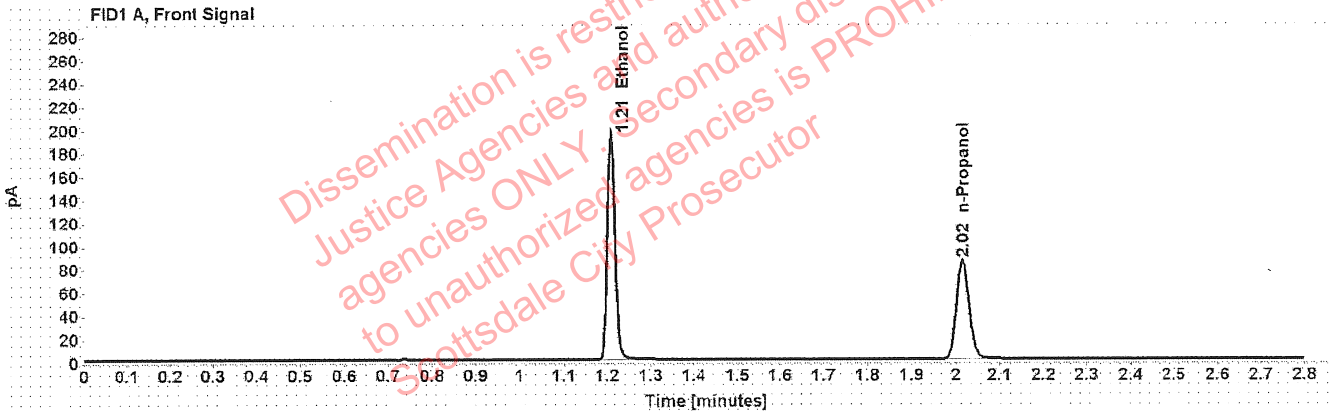


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	248.149
n-Propanol	2.016	169.452

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

Compound	Time (min)	Peak Area
Ethanol	1.373	315.407
n-Propanol	2.465	214.971

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	100421AQ	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	11Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/11/2022 12:41:52 PM
Data file:	C:\Chem32\1\Data\11Jan22\5.D	Analyst:	Canonico ee

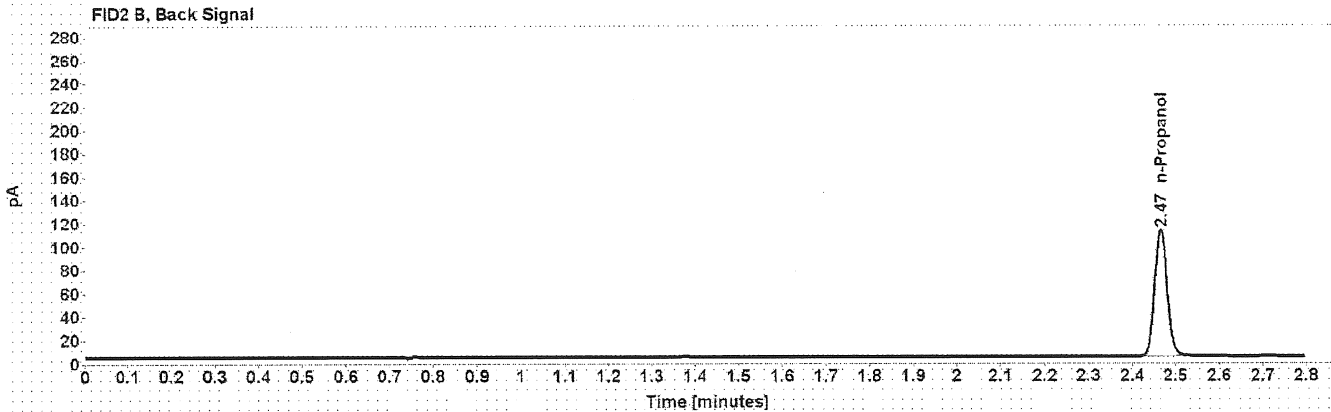
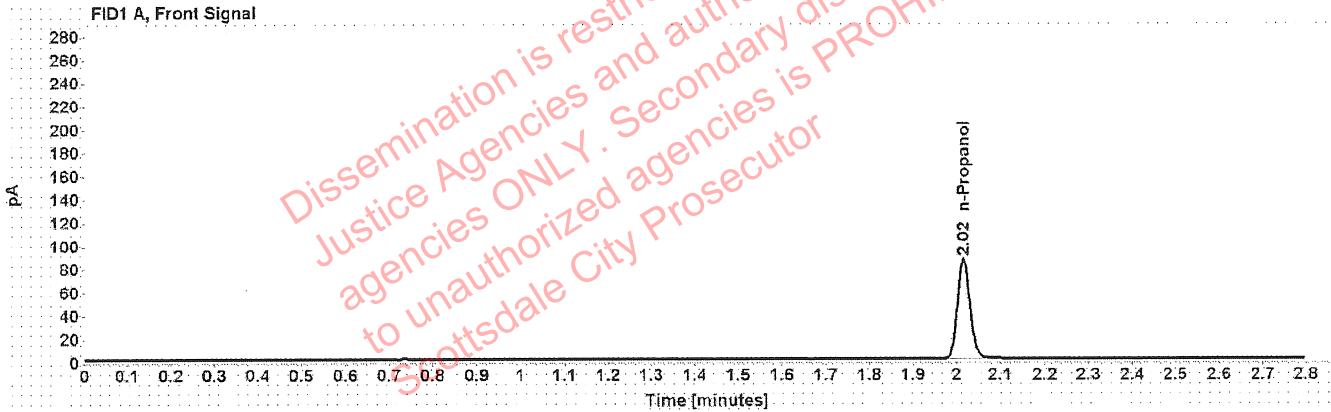


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	171.051

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

Compound	Time (min)	Peak Area
n-Propanol	2.466	217.067

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	050721MIX	Vial:	6
Description:	Volatiles mix	LIMS ID:	
Method:	ethanol quant.M	Sequence:	11Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/11/2022 12:45:52 PM
Data file:	C:\Chem32\1\Data\11Jan22\6.D	Analyst:	Canonico <i>ec</i>

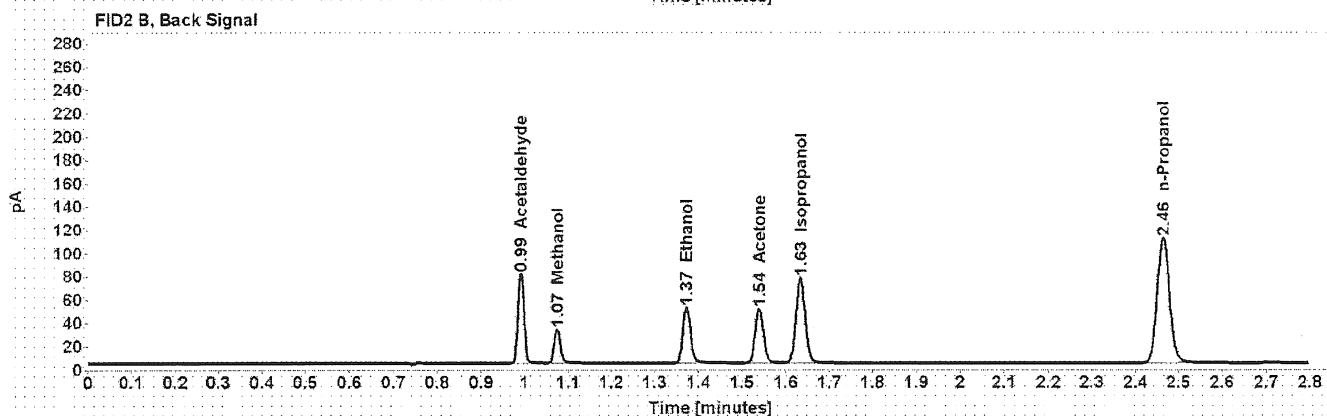
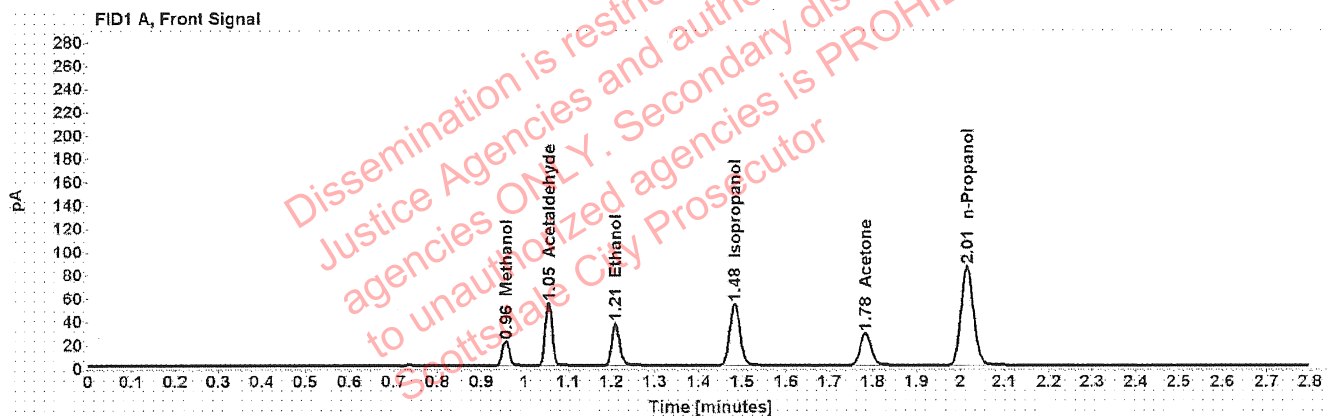


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.956	23.665
Acetaldehyde	-----	1.054	59.102
>Ethanol	0.0766	1.210	46.159
Isopropanol	-----	1.483	84.694
Acetone	-----	1.783	48.151
n-Propanol	-----	2.015	169.563

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.991	76.359
Methanol	1.074	30.598
Ethanol	1.372	58.440
Acetone	1.539	61.183
Isopropanol	1.634	109.811
n-Propanol	2.464	215.160

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 11Jan22
Instrument: US14173023 CN14160045	Injection date: 1/11/2022 12:50:07 PM
Data file: C:\Chem32\1\Data\11Jan22\7.D	Analyst: Canonico 80

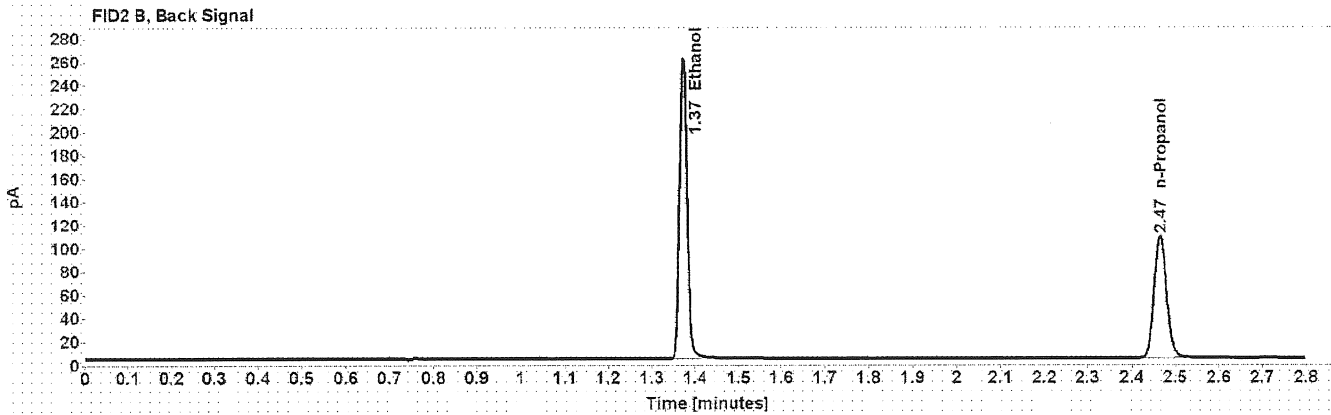
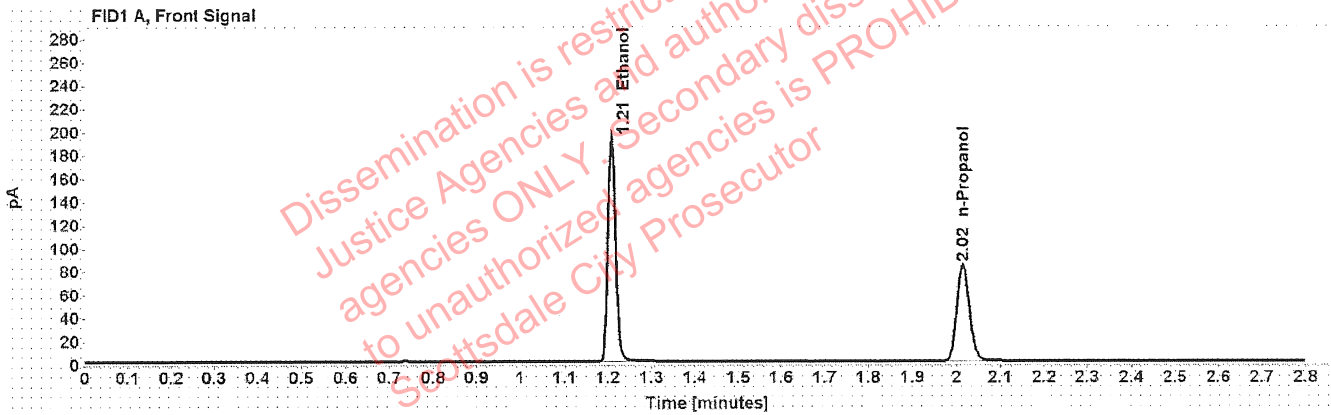


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4047	1.209	245.013
n-Propanol	-----	2.015	165.784

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

Compound	Time (min)	Peak Area
Ethanol	1.372	311.867
n-Propanol	2.465	210.463

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-B	Vial:	8
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	11Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/11/2022 12:54:07 PM
Data file:	C:\Chem32\1\Data\11Jan22\8.D	Analyst:	Canonico 80

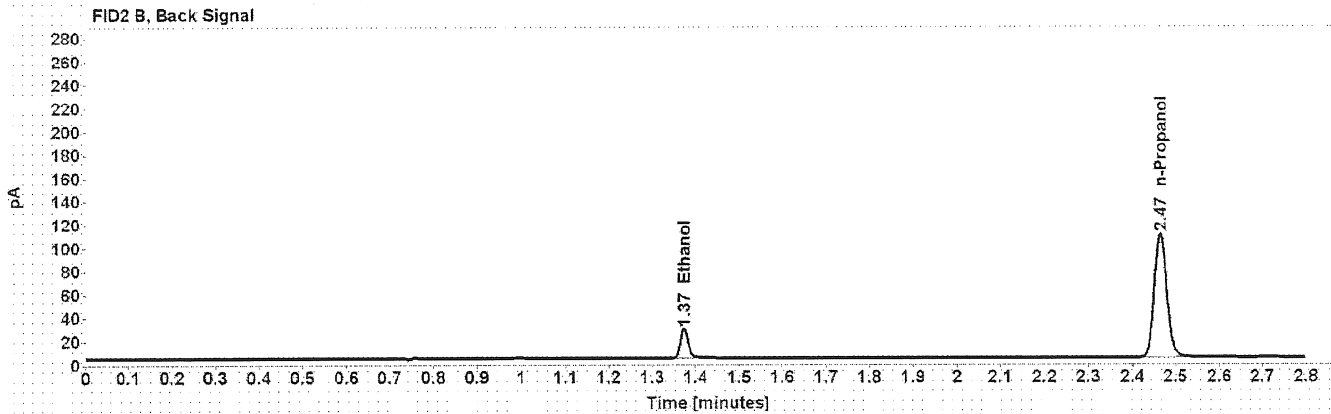
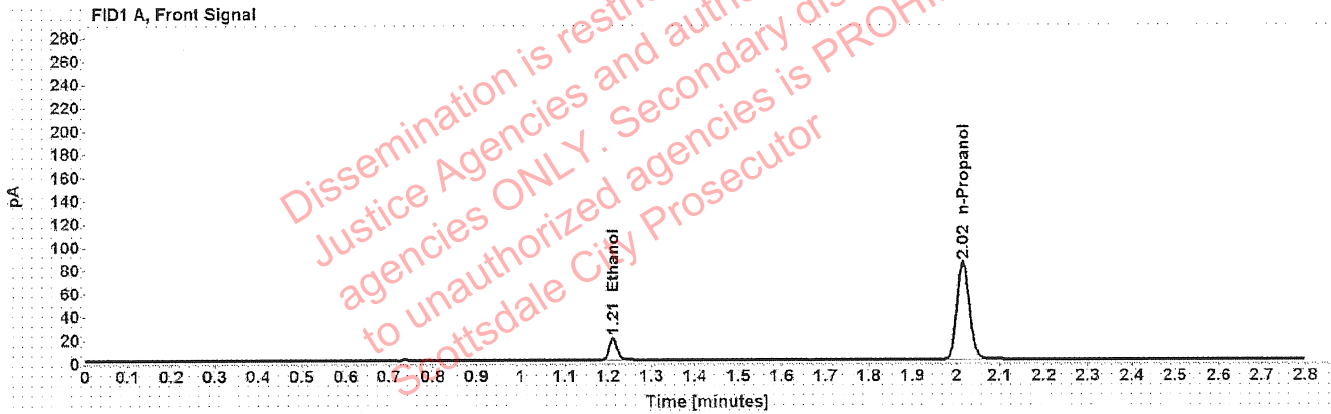


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0421	1.211	24.351
n-Propanol	-----	2.015	167.462

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

Compound	Time (min)	Peak Area
Ethanol	1.374	30.840
n-Propanol	2.465	212.716

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4110320133/2	Vial:	9
Description:	0.199	LIMS ID:	
Method:	ethanol quant.M	Sequence:	11Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/11/2022 12:58:07 PM
Data file:	C:\Chem32\1\Data\11Jan22\9.D	Analyst:	Canonico <i>ec</i>

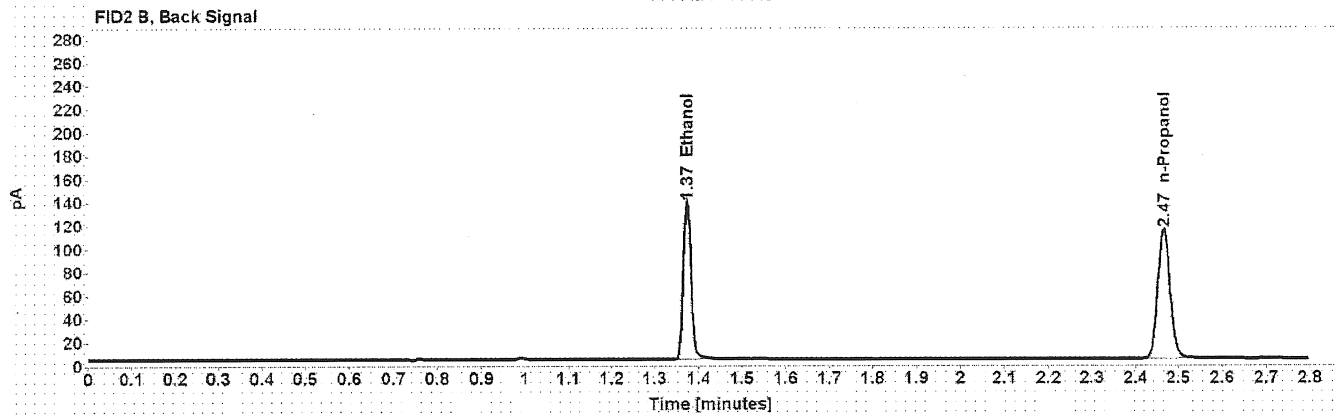
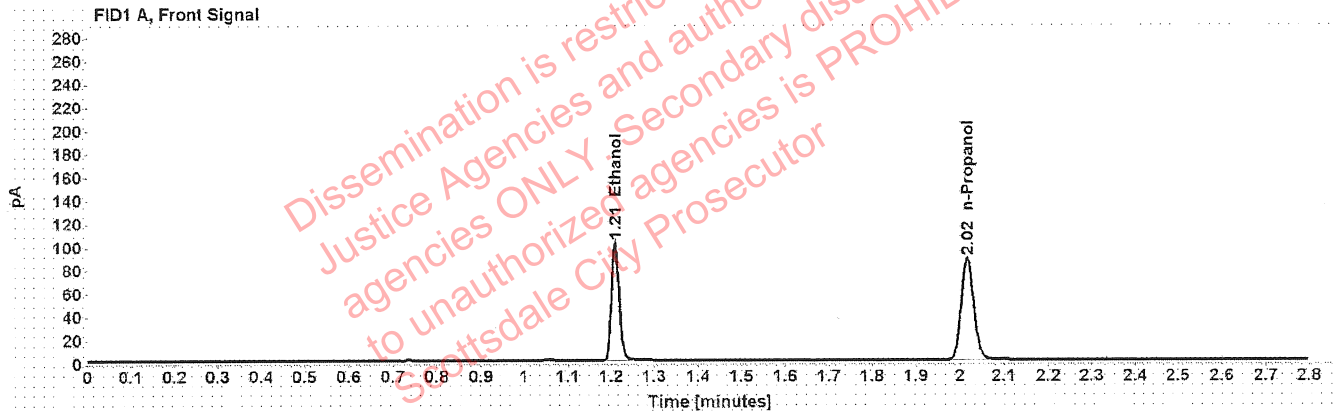


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2028	1.210	128.595
n-Propanol	-----	2.016	174.750

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

Compound	Time (min)	Peak Area
Ethanol	1.373	163.155
n-Propanol	2.466	221.865

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20012020-B	Vial:	20
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	11Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/11/2022 1:42:38 PM
Data file:	C:\Chem32\1\Data\11Jan22\20.D	Analyst:	Canonico <i>SC</i>

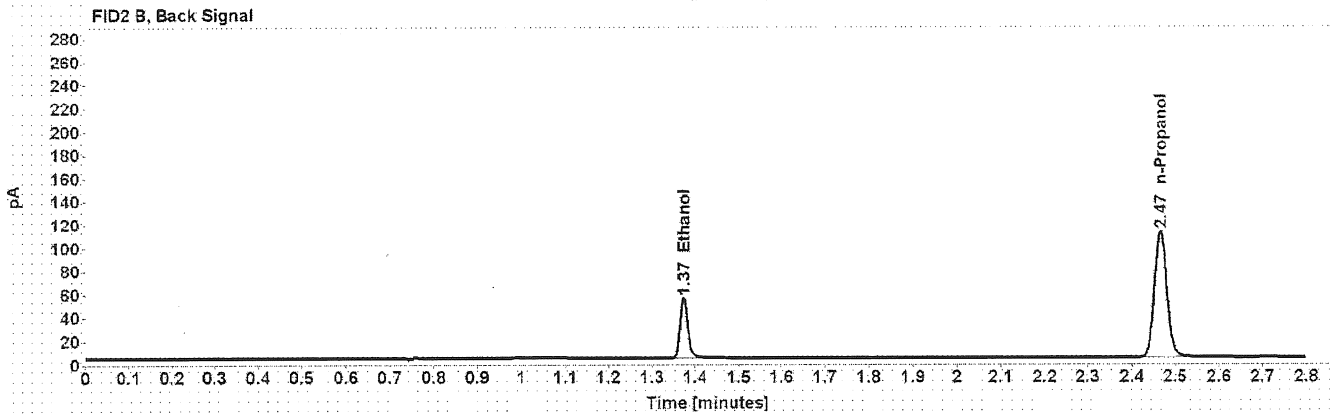
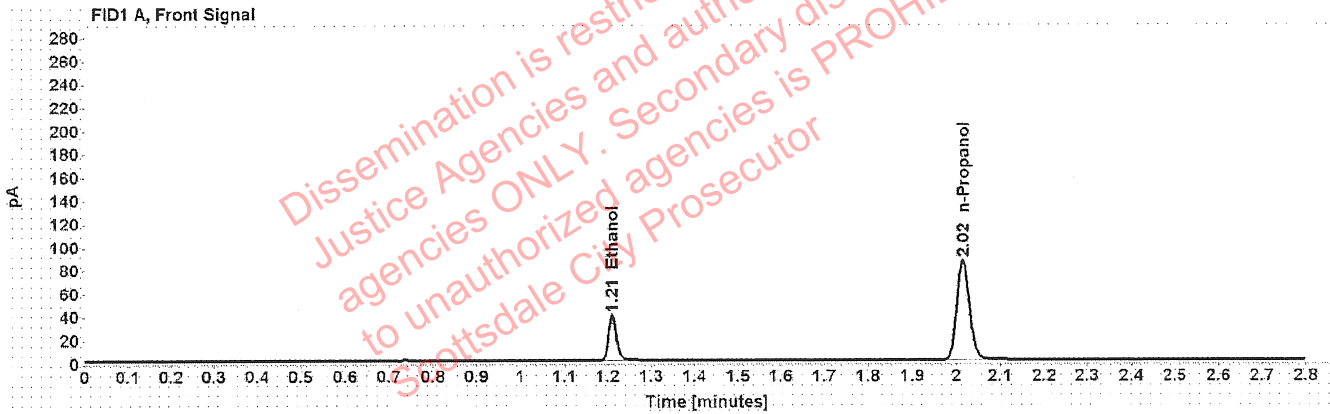


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0816	1.210	49.798
n-Propanol	-----	2.016	171.310

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

Compound	Time (min)	Peak Area
Ethanol	1.373	63.261
n-Propanol	2.465	217.370

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20012020-B	Vial:	31
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	11Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/11/2022 2:27:07 PM
Data file:	C:\Chem32\1\Data\11Jan22\31.D	Analyst:	Canonico <i>ec</i>

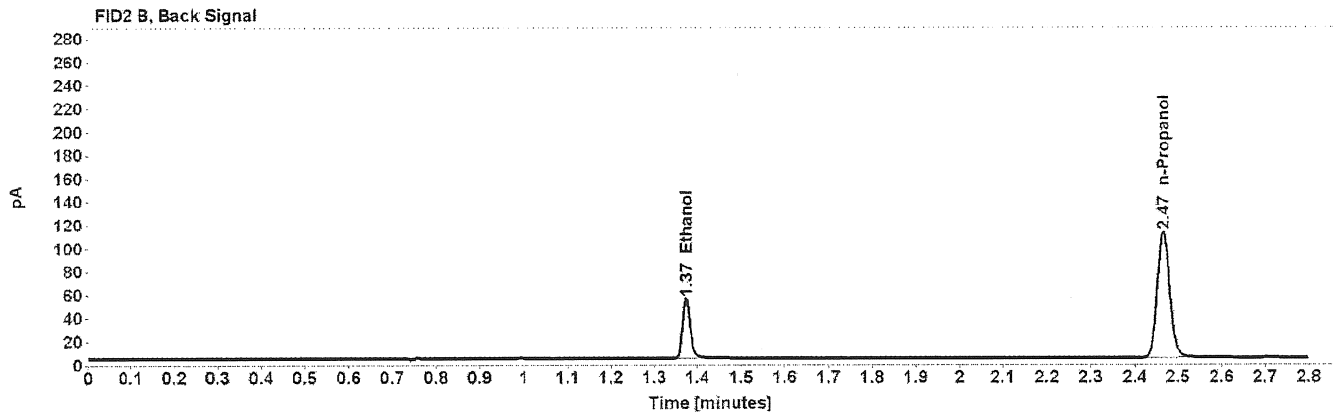
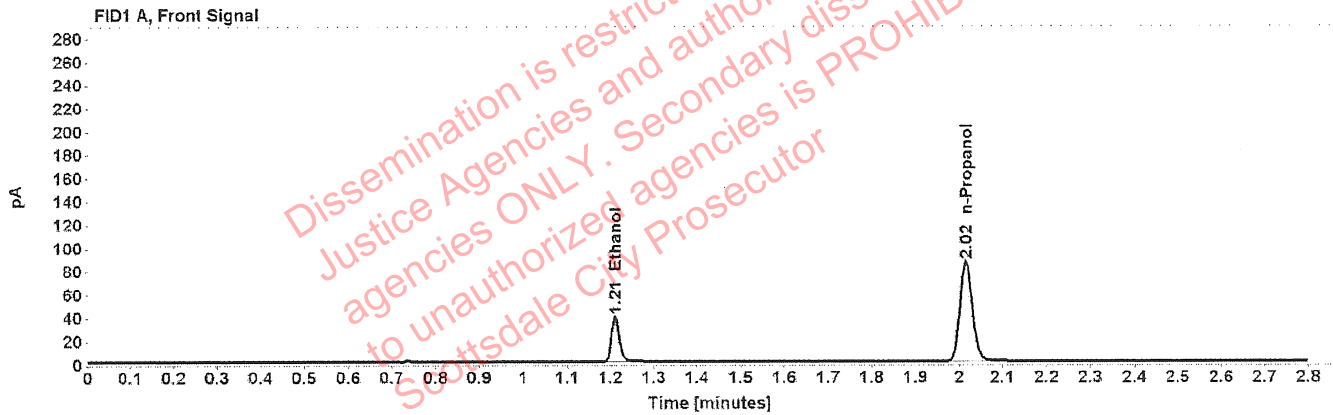


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0817	1.211	49.717
n-Propanol	-----	2.016	170.796

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

Compound	Time (min)	Peak Area
Ethanol	1.374	62.817
n-Propanol	2.466	216.845

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	11092018-A	Vial:	40
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	11Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/11/2022 3:03:21 PM
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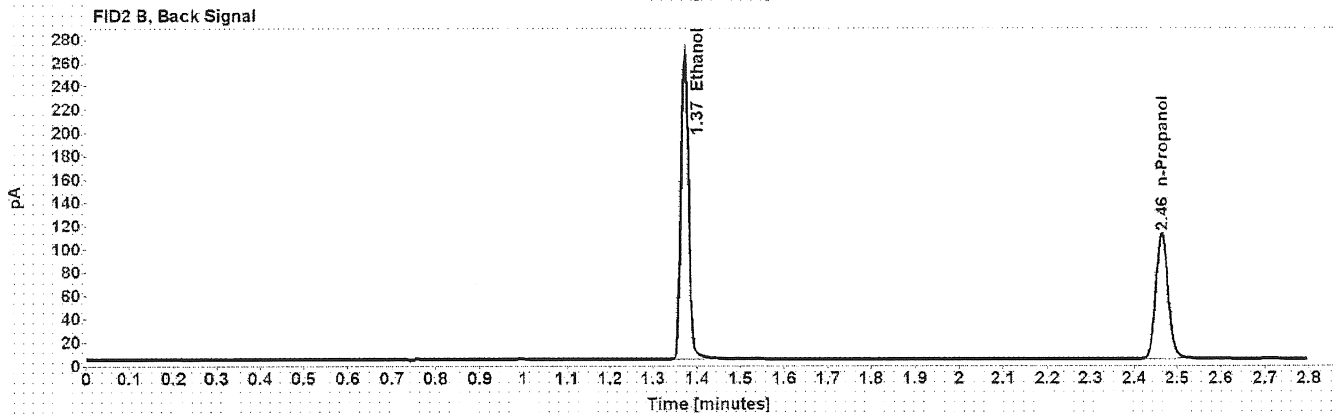
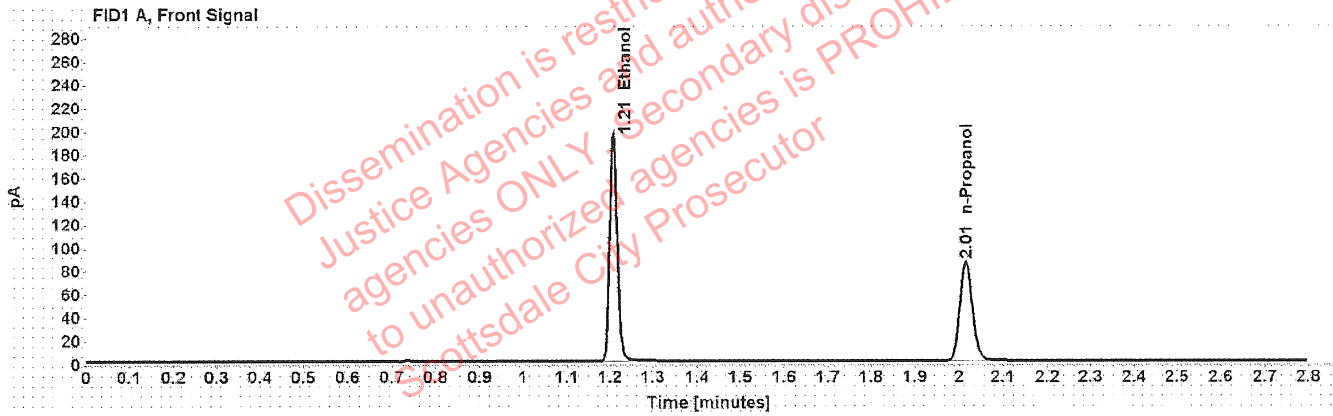


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3972	1.208	246.979
n-Propanol	-----	2.015	170.300

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

Compound	Time (min)	Peak Area
Ethanol	1.372	315.114
n-Propanol	2.464	216.489

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-B	Vial:	41
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	11Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/11/2022 3:07:21 PM
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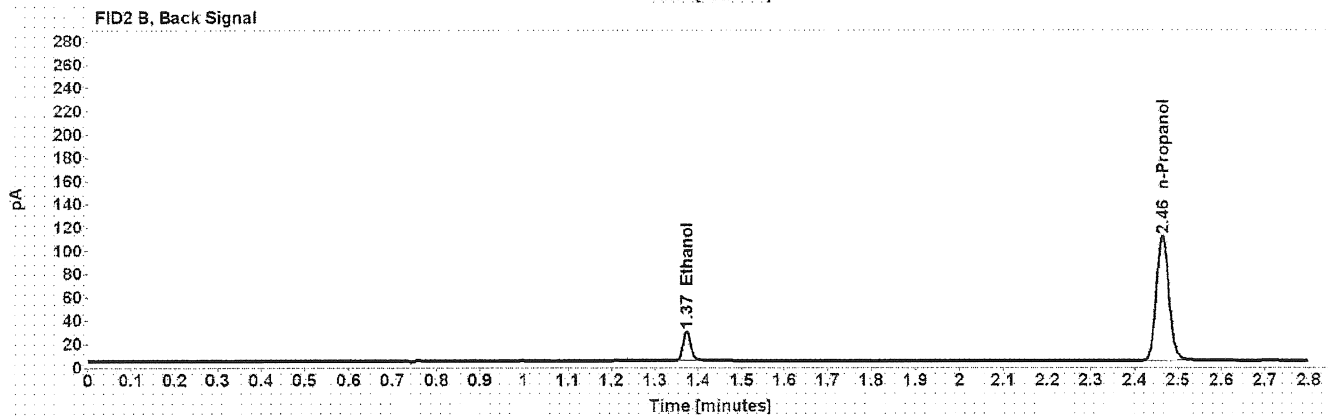
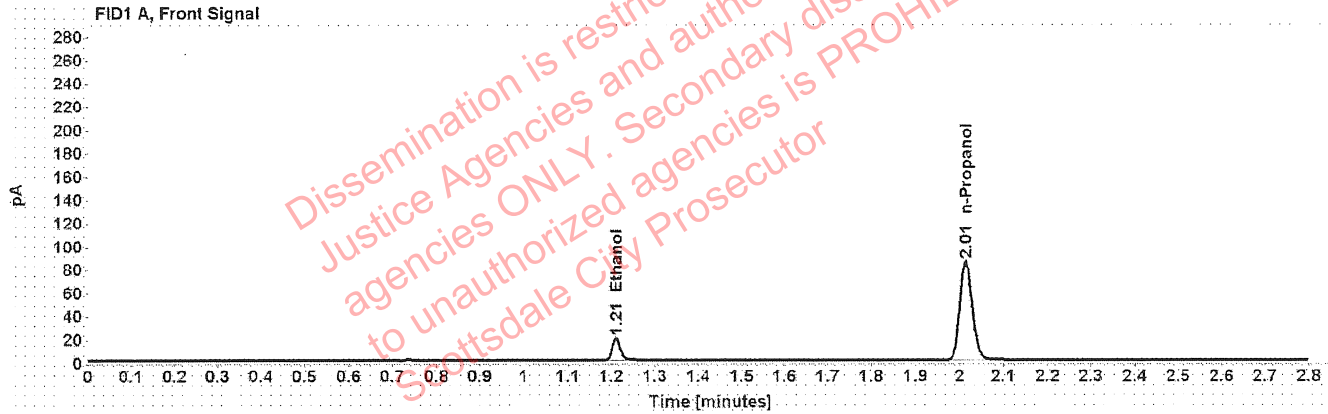


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0419	1.211	24.433
n-Propanol	-----	2.015	169.058

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

Compound	Time (min)	Peak Area
Ethanol	1.373	30.981
n-Propanol	2.464	214.752

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4110320133/2	Vial:	42
Description:	0.199	LIMS ID:	
Method:	ethanol quant.M	Sequence:	11Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/11/2022 3:11:21 PM
Data file:	C:\Chem32\1\Data\11Jan22\42.D	Analyst:	Canonico <i>EC</i>

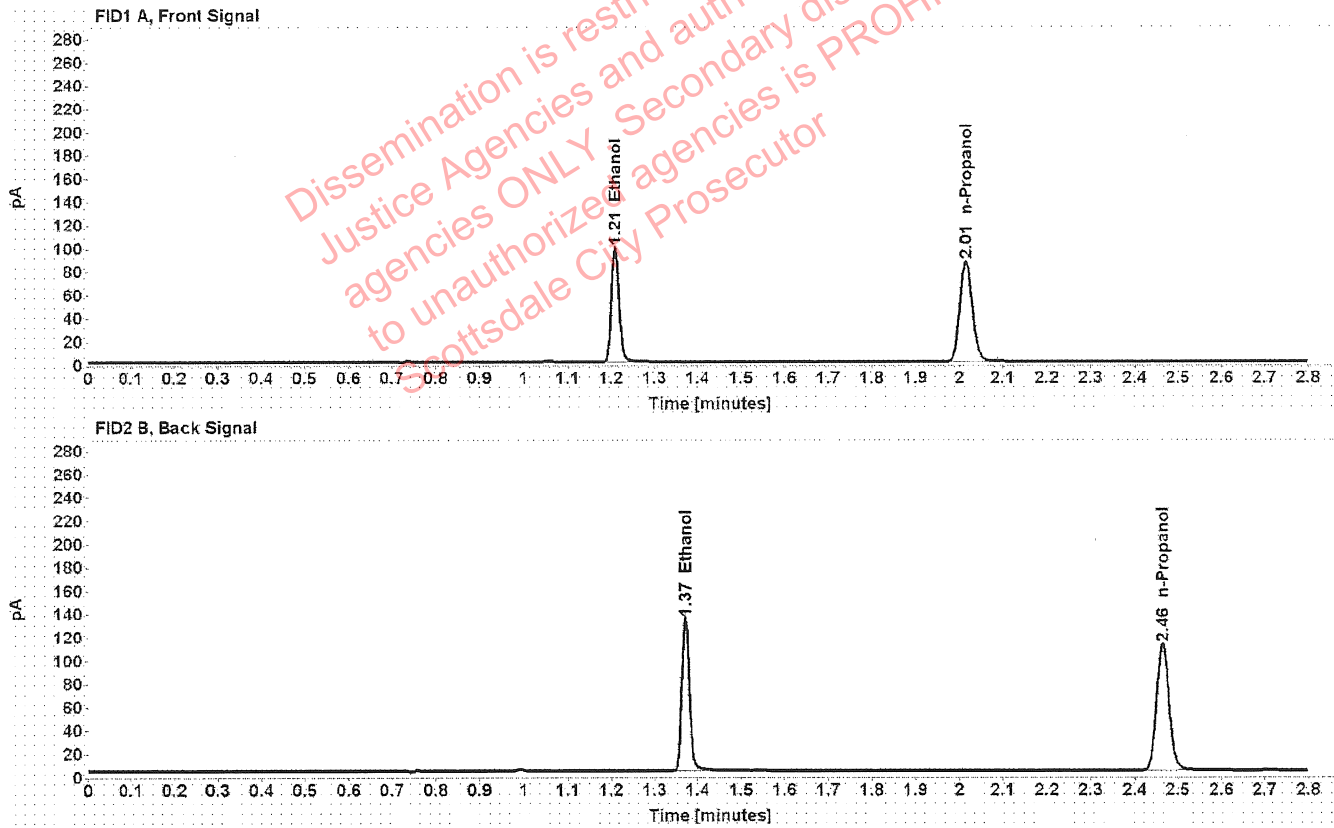


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2008	1.209	125.172
n-Propanol	-----	2.015	171.782

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

Compound	Time (min)	Peak Area
Ethanol	1.372	159.543
n-Propanol	2.465	218.334

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	101921WB	Vial:	43
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	11Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/11/2022 3:15:37 PM
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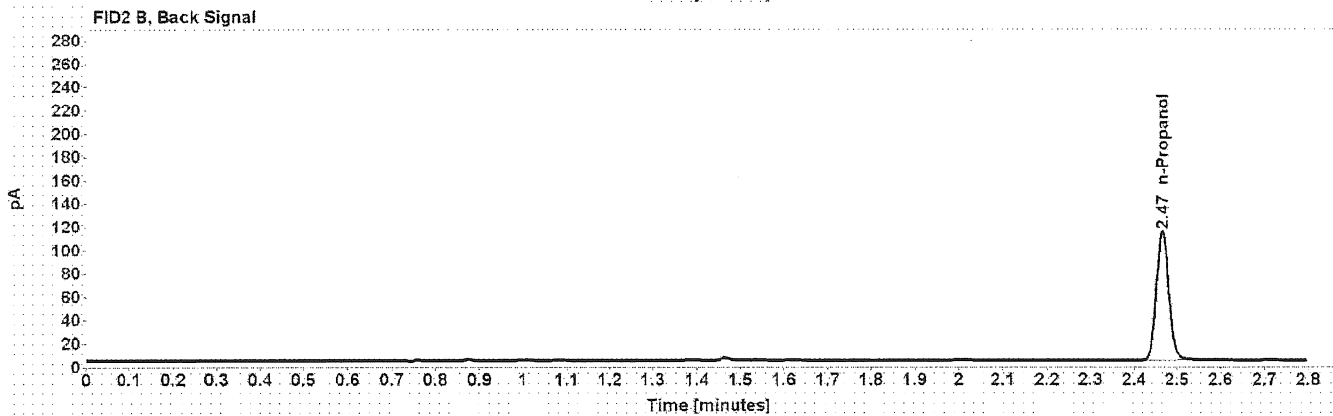
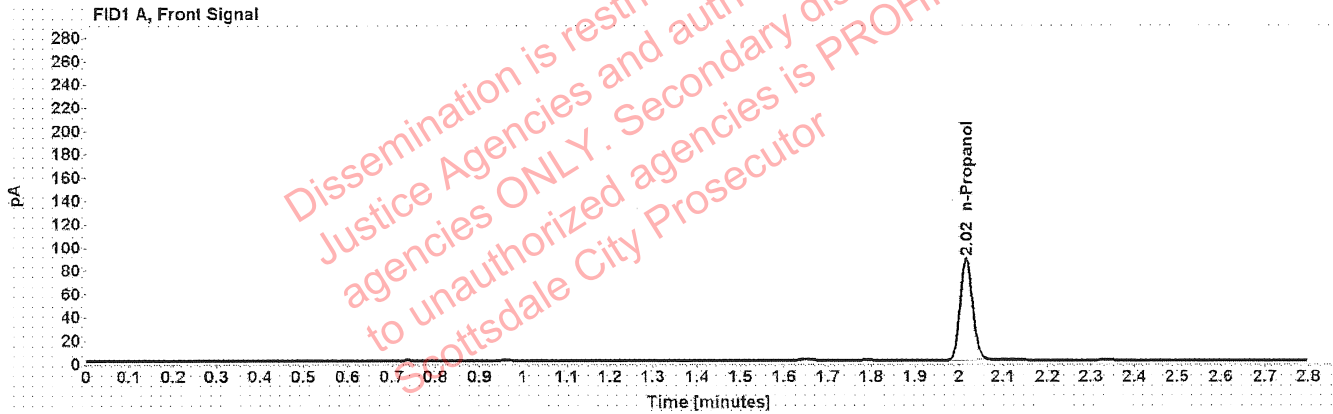


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	174.446

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

Compound	Time (min)	Peak Area
n-Propanol	2.466	222.268

Sequence Summary

Sequence name: 11Jan22 Instrument: US14173023 CN14160045 Analyst: Canonico *ec*

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	1402911		Sample		ethanol quant.M
11	1402911		Sample		ethanol quant.M
12	1403356		Sample		ethanol quant.M
13	1403356		Sample		ethanol quant.M
14	1402447		Sample		ethanol quant.M
15	1402447		Sample		ethanol quant.M
16	1403458		Sample		ethanol quant.M
17	1403458		Sample		ethanol quant.M
18	1385682		Sample		ethanol quant.M
19	1385682		Sample		ethanol quant.M
20	20012020-B	0.080	Control		ethanol quant.M
21	1403616		Sample		ethanol quant.M
22	1403616		Sample		ethanol quant.M
23	1403453		Sample		ethanol quant.M
24	1403453		Sample		ethanol quant.M
25	1403626		Sample		ethanol quant.M
26	1403626		Sample		ethanol quant.M
27	1403731		Sample		ethanol quant.M
28	1403731		Sample		ethanol quant.M
29	1403739		Sample		ethanol quant.M
30	1403739		Sample		ethanol quant.M
31	20012020-B	0.080	Control		ethanol quant.M
32	1373335		Sample		ethanol quant.M
33	1373335		Sample		ethanol quant.M
34	1379145		Sample		ethanol quant.M
35	1379145		Sample		ethanol quant.M
36	1401219		Sample		ethanol quant.M
37	1401219		Sample		ethanol quant.M
38	1398786		Sample		ethanol quant.M
39	1398786		Sample		ethanol quant.M
40	11092018-A	0.400	Control		ethanol quant.M
41	14082019-B	0.040	Control		ethanol quant.M
42	4110320133/2	0.199	Control		ethanol quant.M
43	101921WB	Negative	Control		ethanol quant.M

Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 11Jan22

ANALYST: Canonico

EE

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.2014	0.2014	0.20140	0.00	0.00000
12 13	0.3004	0.3007	0.30055	0.05	0.00015
14 15	0.0000	0.0000	0.00000	0.00	0.00000
16 17	0.2254	0.2243	0.22485	0.24	0.00055
18 19	0.1197	0.1212	0.12045	0.62	0.00075
21 22	0.2122	0.2124	0.21230	0.05	0.00010
23 24	0.2805	0.2801	0.28030	0.07	0.00020
25 26	0.1625	0.1601	0.16130	0.74	0.00120
27 28	0.1557	0.1547	0.15520	0.32	0.00050
29 30	0.1472	0.1469	0.14705	0.10	0.00015
32 33	0.1717	0.1717	0.17170	0.00	0.00000
34 35	0.1267	0.1263	0.12650	0.16	0.00020
36 37	0.1294	0.1291	0.12925	0.12	0.00015
38 39	0.1986	0.1987	0.19865	0.03	0.00005

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

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1402911	Vial:	10
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	11Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/11/2022 1:02:07 PM
Data file:	C:\Chem32\1\Data\11Jan22\10.D	Analyst:	Canonico

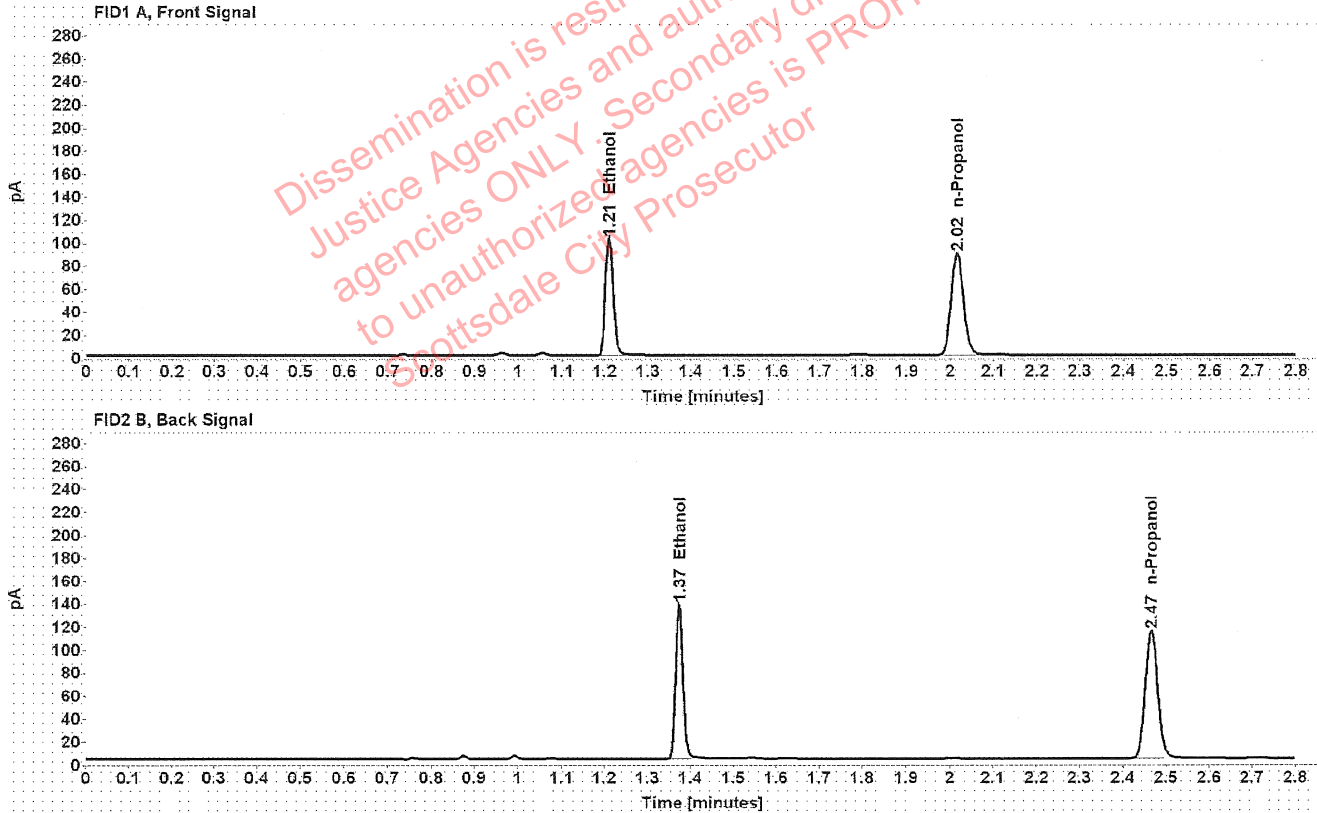


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2014	1.210	128.312
n-Propanol	-----	2.016	175.564

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

Compound	Time (min)	Peak Area
Ethanol	1.373	162.649
n-Propanol	2.466	222.831

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1402911	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	11Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/11/2022 1:06:07 PM
Data file:	C:\Chem32\1\Data\11Jan22\11.D	Analyst:	Canonico

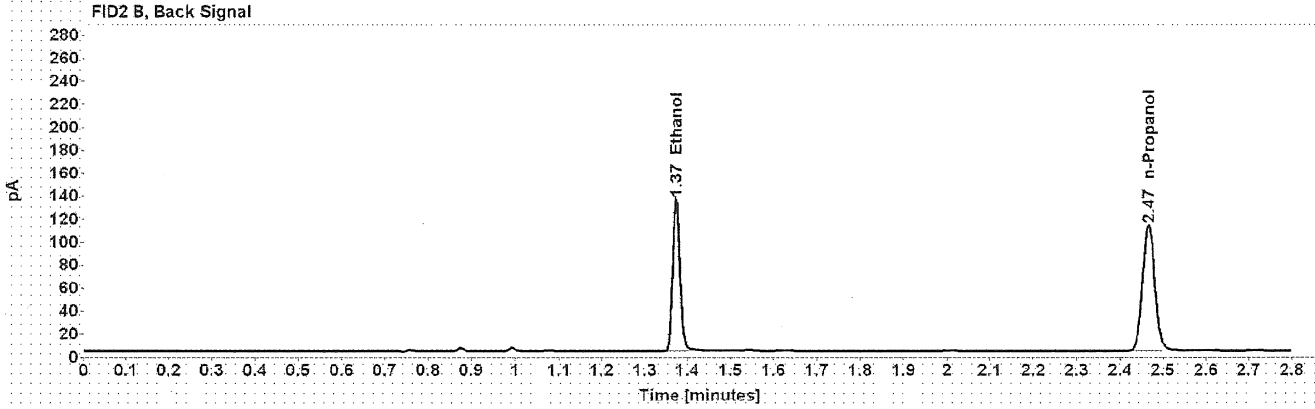
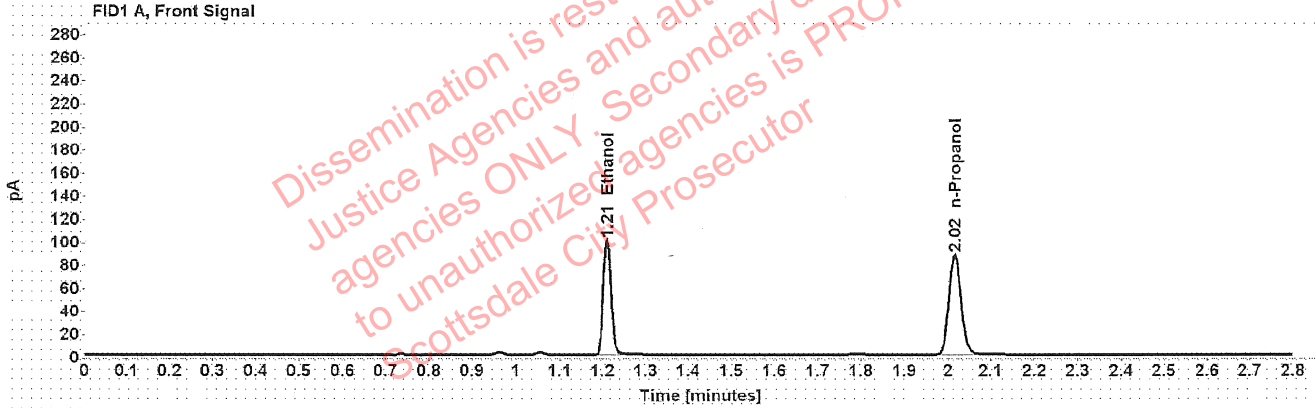


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2014	1.210	126.218
n-Propanol	-----	2.016	172.730

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

Compound	Time (min)	Peak Area
Ethanol	1.373	160.206
n-Propanol	2.466	219.330

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1403356	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	11Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/11/2022 1:10:07 PM
Data file:	C:\Chem32\1\Data\11Jan22\12.D	Analyst:	Canonico

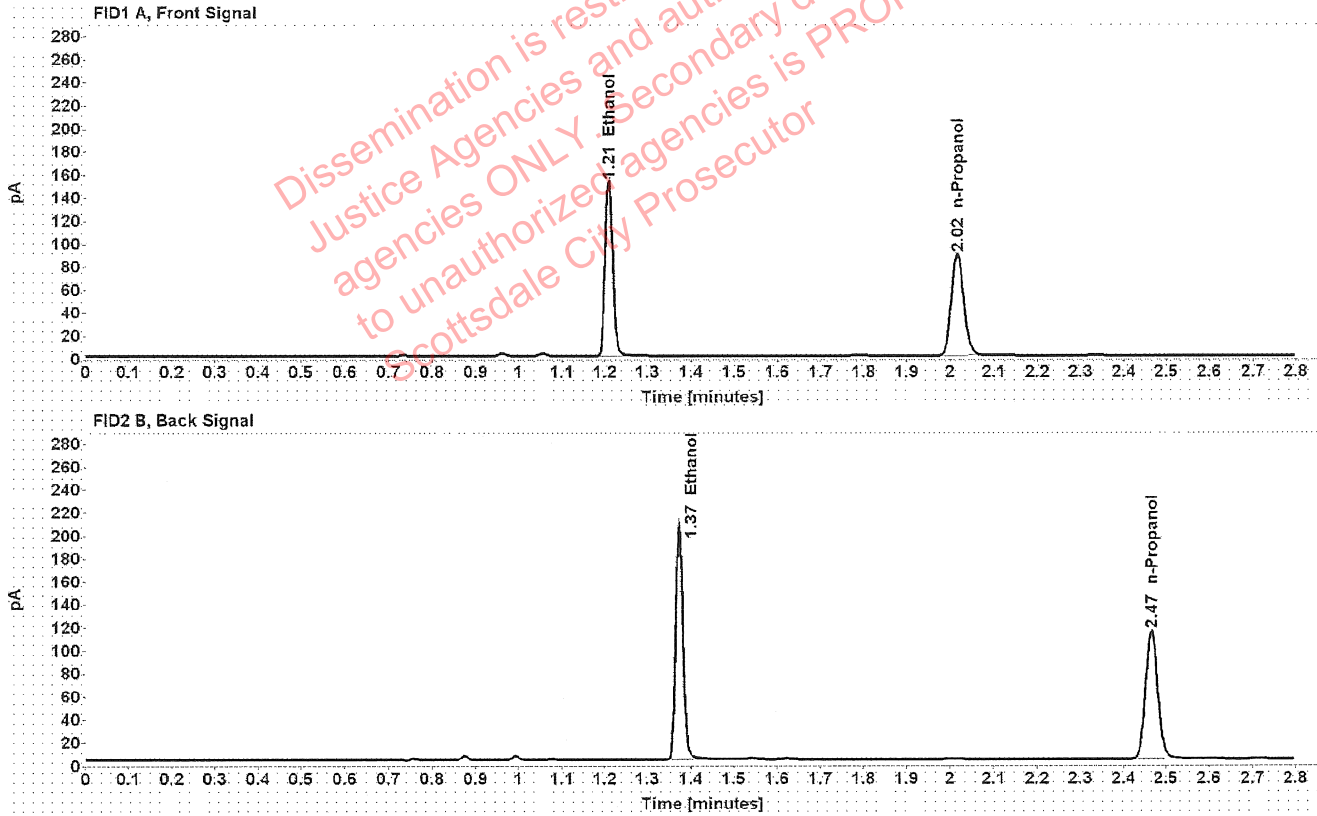


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3004	1.209	192.387
n-Propanol	-----	2.016	175.764

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

Compound	Time (min)	Peak Area
Ethanol	1.373	245.958
n-Propanol	2.466	223.491

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1403356	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	11Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/11/2022 1:14:22 PM
Data file:	C:\Chem32\1\Data\11Jan22\13.D	Analyst:	Canonico

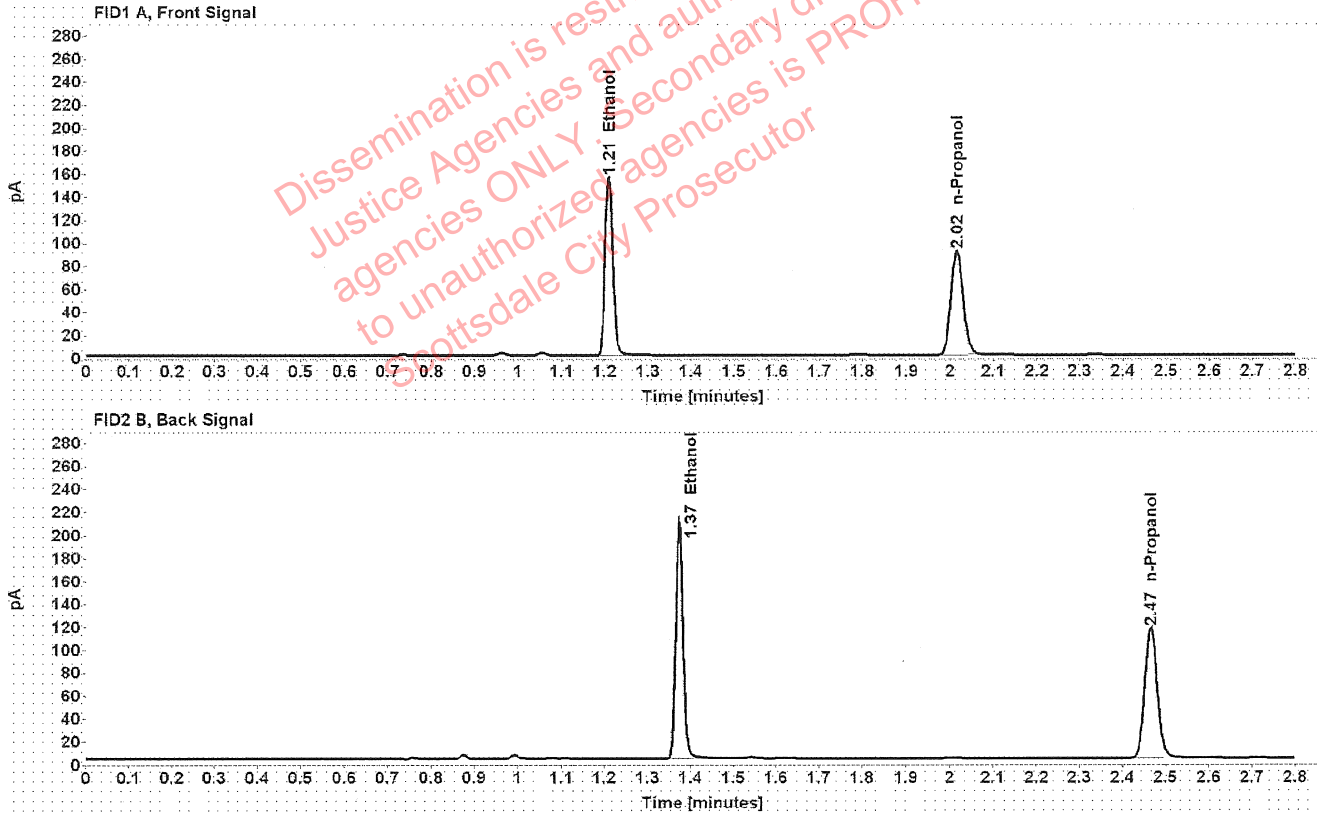


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3007	1.209	196.471
n-Propanol	-----	2.016	179.289

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

Compound	Time (min)	Peak Area
Ethanol	1.373	250.999
n-Propanol	2.466	227.856

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1402447	Vial:	14
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	11Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/11/2022 1:18:22 PM
Data file:	C:\Chem32\1\Data\11Jan22\14.D	Analyst:	Canonico

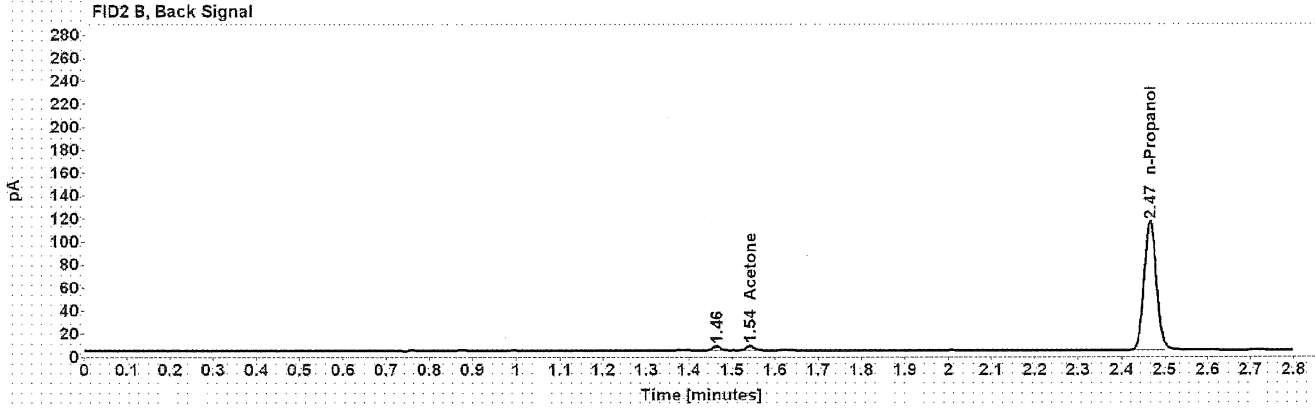
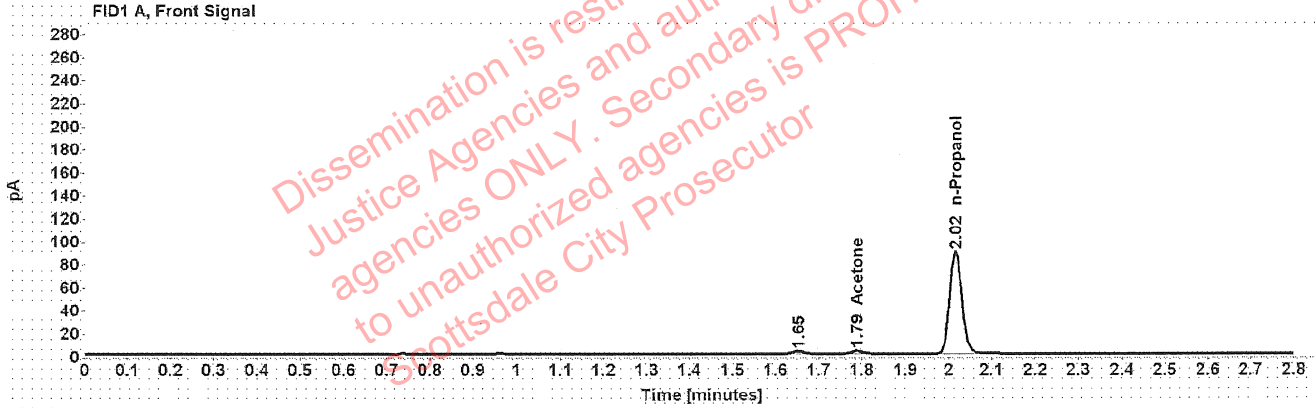


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetone	-----	1.787	4.329
n-Propanol	-----	2.016	176.562

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

Compound	Time (min)	Peak Area
Acetone	1.542	5.589
n-Propanol	2.466	224.767

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1402447	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	11Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/11/2022 1:22:22 PM
Data file:	C:\Chem32\1\Data\11Jan22\15.D	Analyst:	Canonico

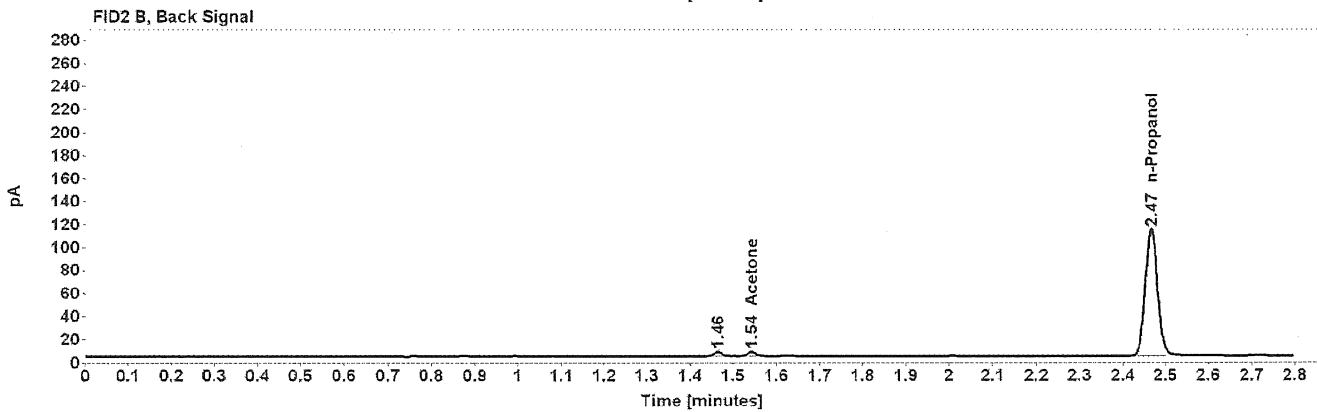
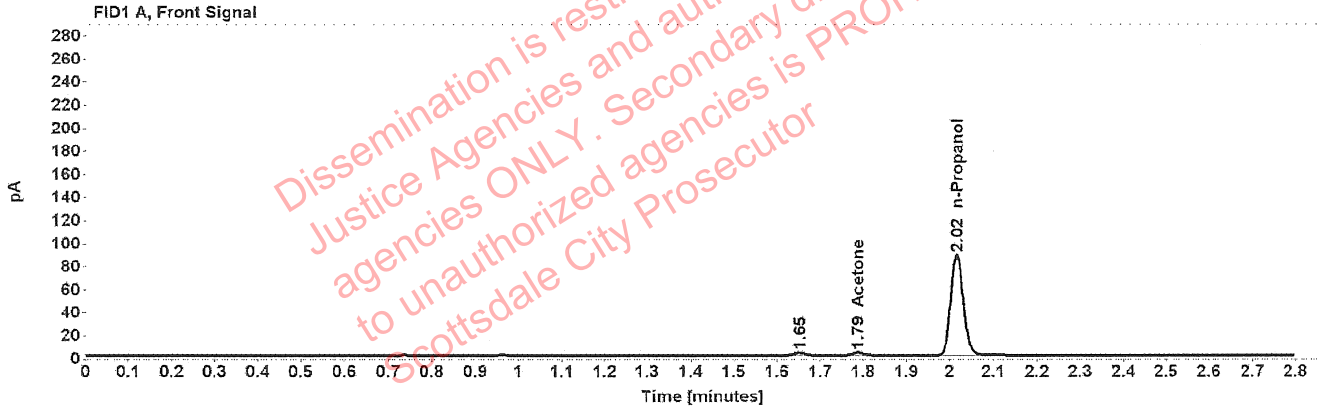


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetone	-----	1.787	4.298
n-Propanol	-----	2.016	174.215

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

Compound	Time (min)	Peak Area
Acetone	1.542	5.479
n-Propanol	2.466	221.720

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1403458	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	11Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/11/2022 1:26:23 PM
Data file:	C:\Chem32\1\Data\11Jan22\16.D	Analyst:	Canonico

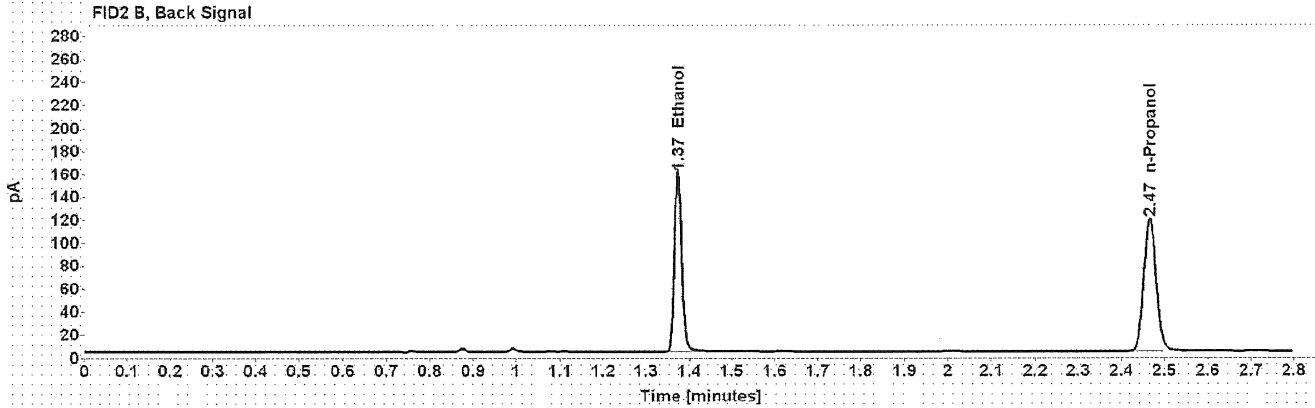
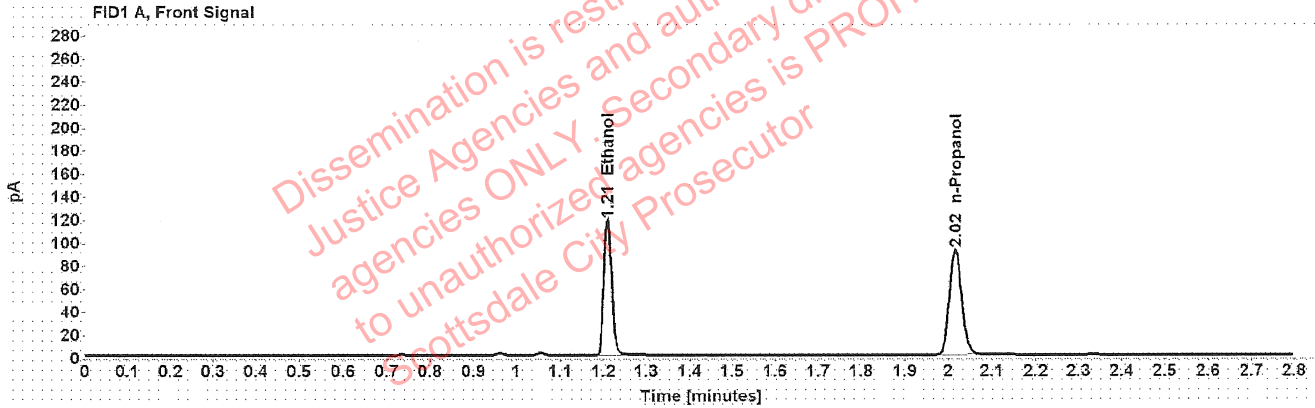


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2254	1.210	148.677
n-Propanol	-----	2.016	181.511

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

Compound	Time (min)	Peak Area
Ethanol	1.373	190.585
n-Propanol	2.466	230.447

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1403458	Vial: 17
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 11Jan22
Instrument: US14173023 CN14160045	Injection date: 1/11/2022 1:30:22 PM
Data file: C:\Chem32\1\Data\11Jan22\17.D	Analyst: Canonico

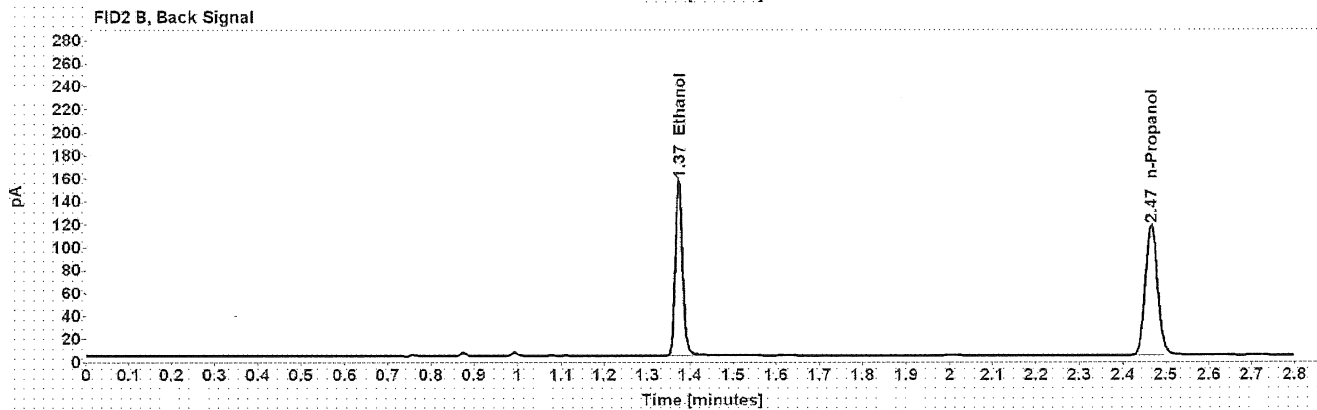
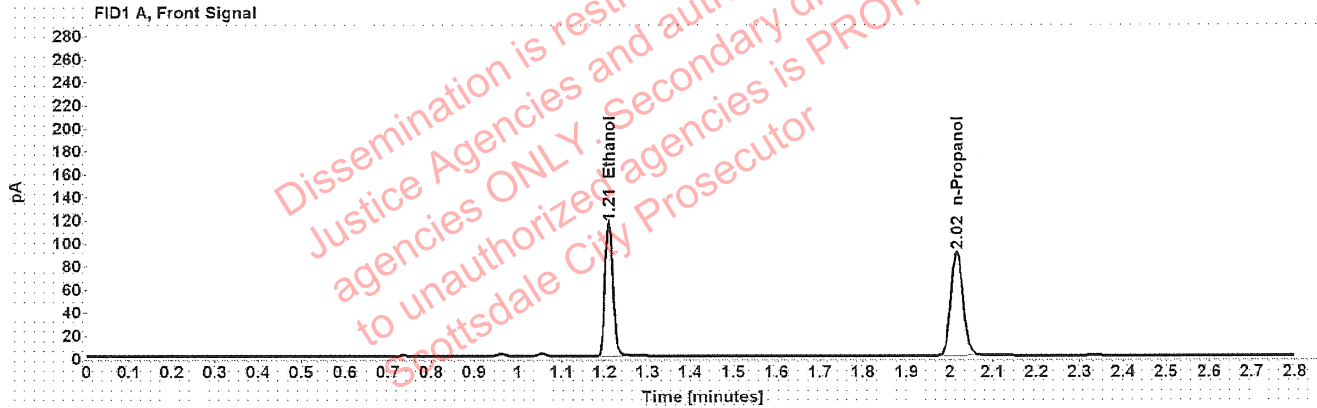


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2243	1.210	145.912
n-Propanol	-----	2.016	179.074

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

Compound	Time (min)	Peak Area
Ethanol	1.373	187.073
n-Propanol	2.466	227.277

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1385682	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	11Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/11/2022 1:34:22 PM
Data file:	C:\Chem32\1\Data\11Jan22\18.D	Analyst:	Canonico

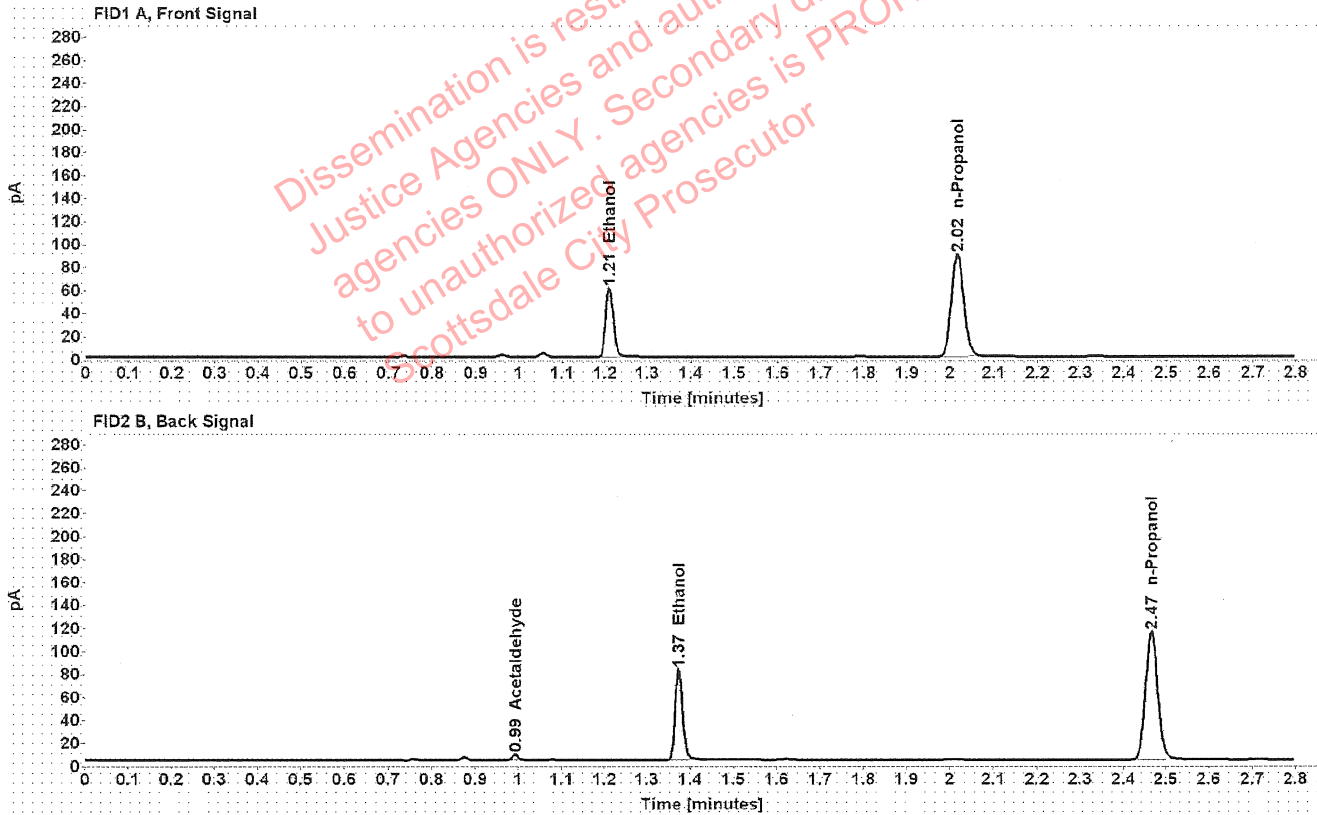


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1197	1.210	75.909
n-Propanol	-----	2.016	176.291

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.608
Ethanol	1.374	96.025
n-Propanol	2.466	224.637

: Canonico, Erika - (12-Jan-2022)

Case: [REDACTED] User: ecanonico 1/12/2022

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1385682	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	11Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/11/2022 1:38:37 PM
Data file:	C:\Chem32\1\Data\11Jan22\19.D	Analyst:	Canonico

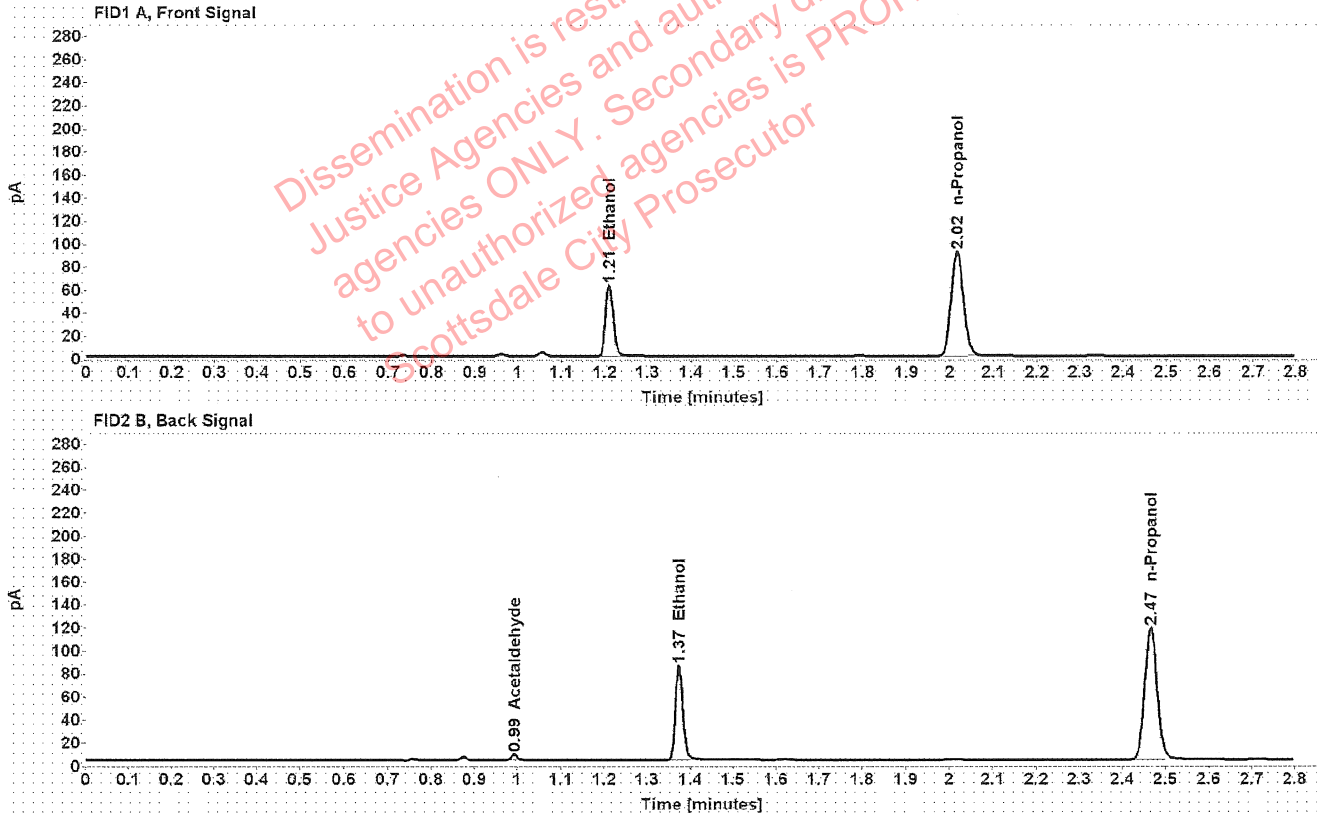


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1212	1.210	78.623
n-Propanol	-----	2.016	180.294

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.691
Ethanol	1.374	99.414
n-Propanol	2.466	229.578

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1403616	Vial:	21
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	11Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/11/2022 1:46:37 PM
Data file:	C:\Chem32\1\Data\11Jan22\21.D	Analyst:	Canonico

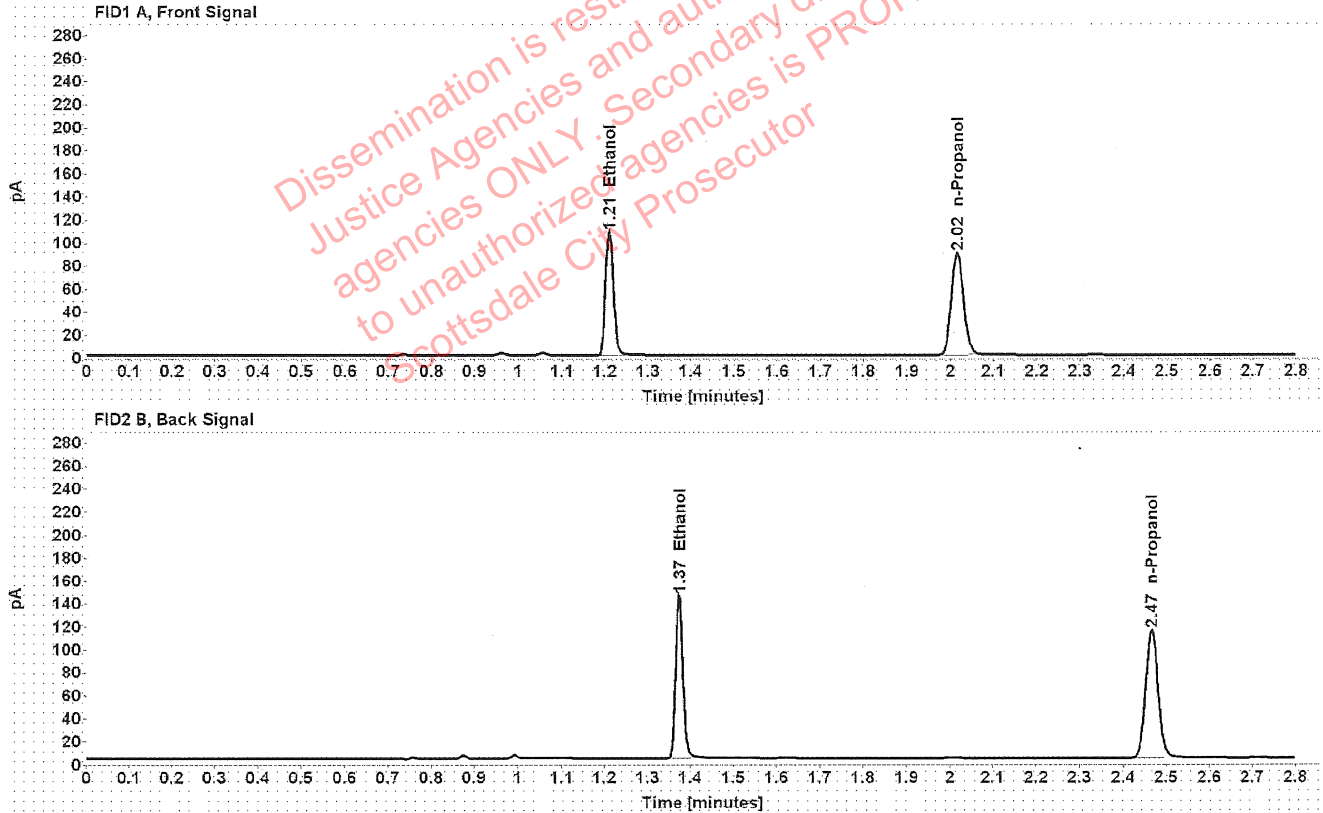


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2122	1.210	135.668
n-Propanol	-----	2.016	176.059

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

Compound	Time (min)	Peak Area
Ethanol	1.373	172.371
n-Propanol	2.466	223.847

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1403616	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	11Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/11/2022 1:50:37 PM
Data file:	C:\Chem32\1\Data\11Jan22\22.D	Analyst:	Canonico

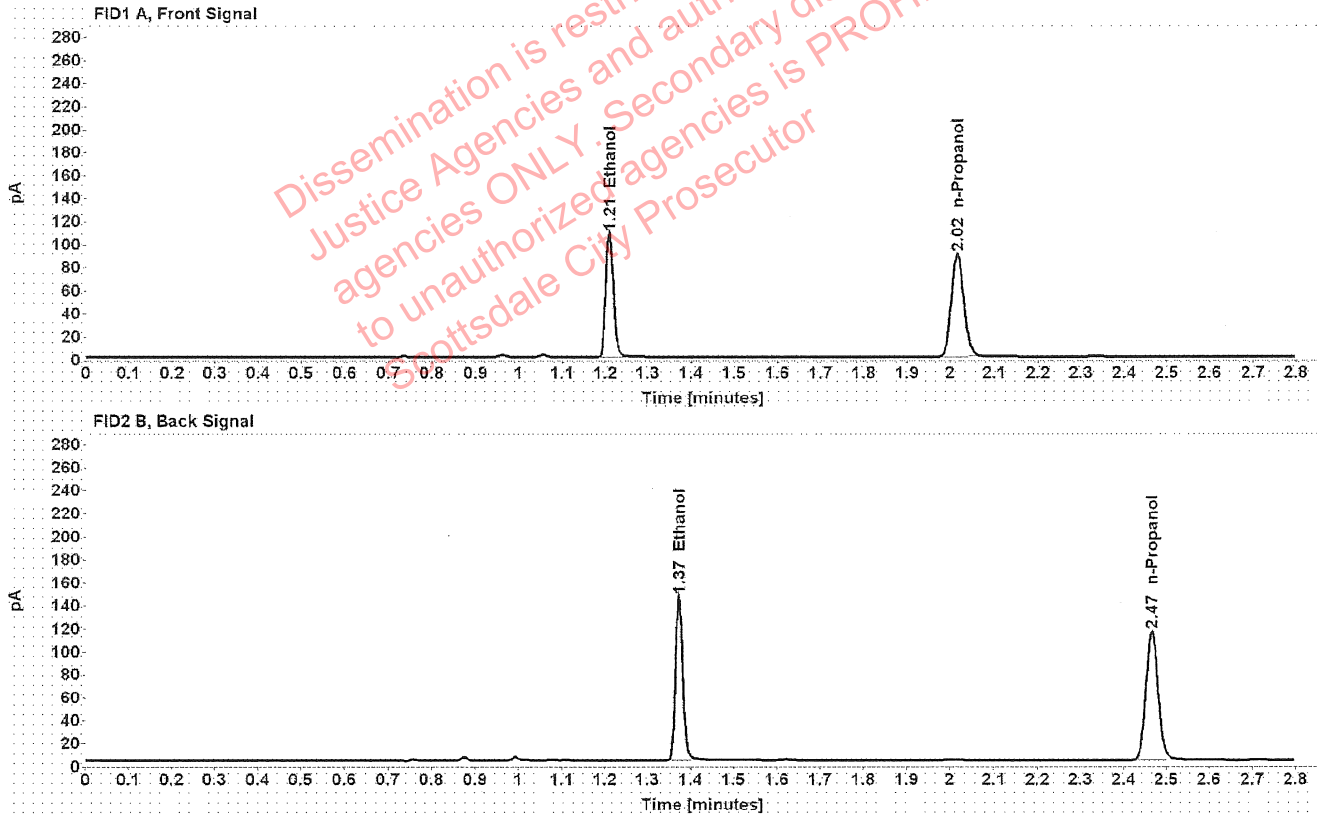


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2124	1.210	136.581
n-Propanol	-----	2.016	177.084

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

Compound	Time (min)	Peak Area
Ethanol	1.373	173.450
n-Propanol	2.466	225.339

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1403453	Vial:	23
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	11Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/11/2022 1:54:38 PM
Data file:	C:\Chem32\11\Data\11Jan22\23.D	Analyst:	Canonico

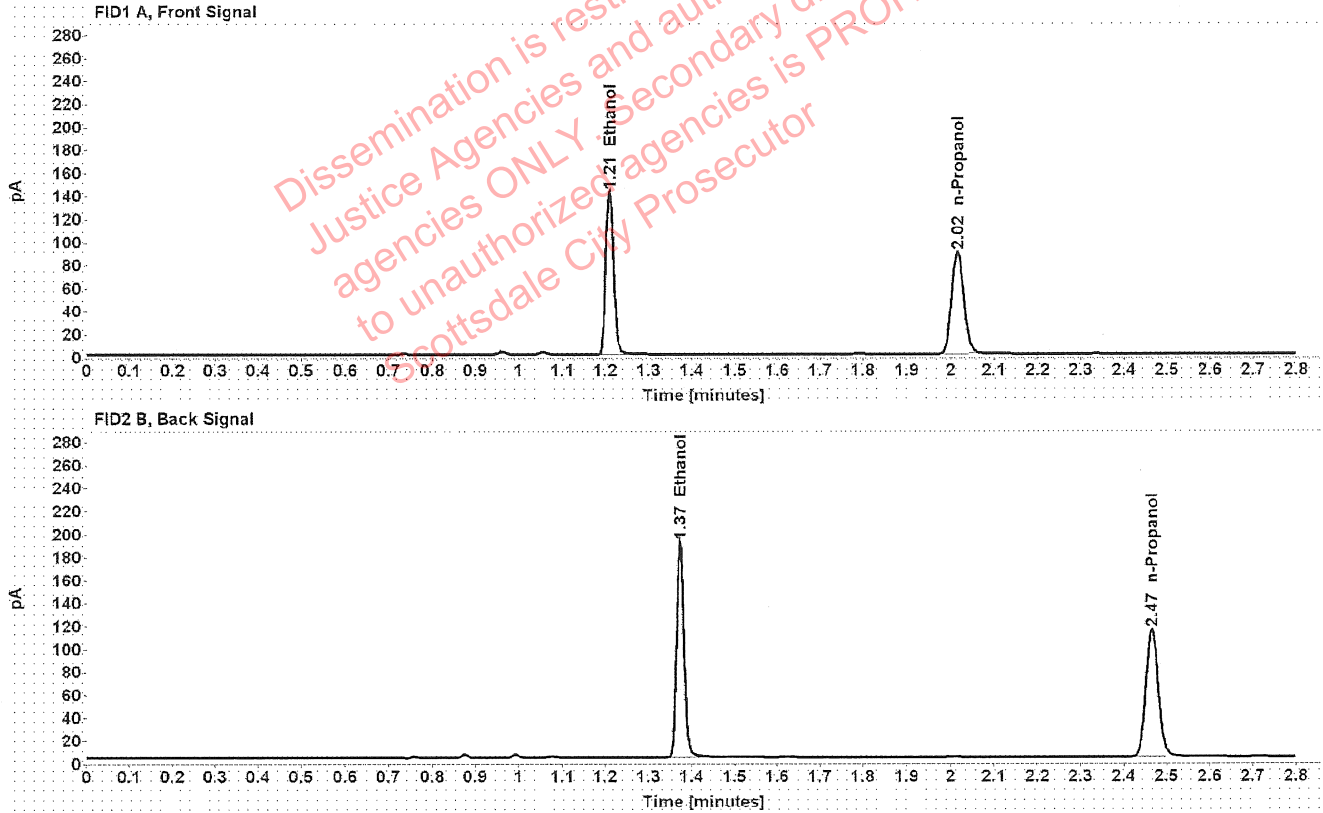


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2805	1.209	179.664
n-Propanol	-----	2.016	175.889

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

Compound	Time (min)	Peak Area
Ethanol	1.373	229.999
n-Propanol	2.466	223.575

[REDACTED]: Canonico, Erika - (12-Jan-2022)

Case: [REDACTED] User: ecanonico 1/12/2022

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1403453	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	11Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/11/2022 1:58:37 PM
Data file:	C:\Chem32\1\Data\11Jan22\24.D	Analyst:	Canonico

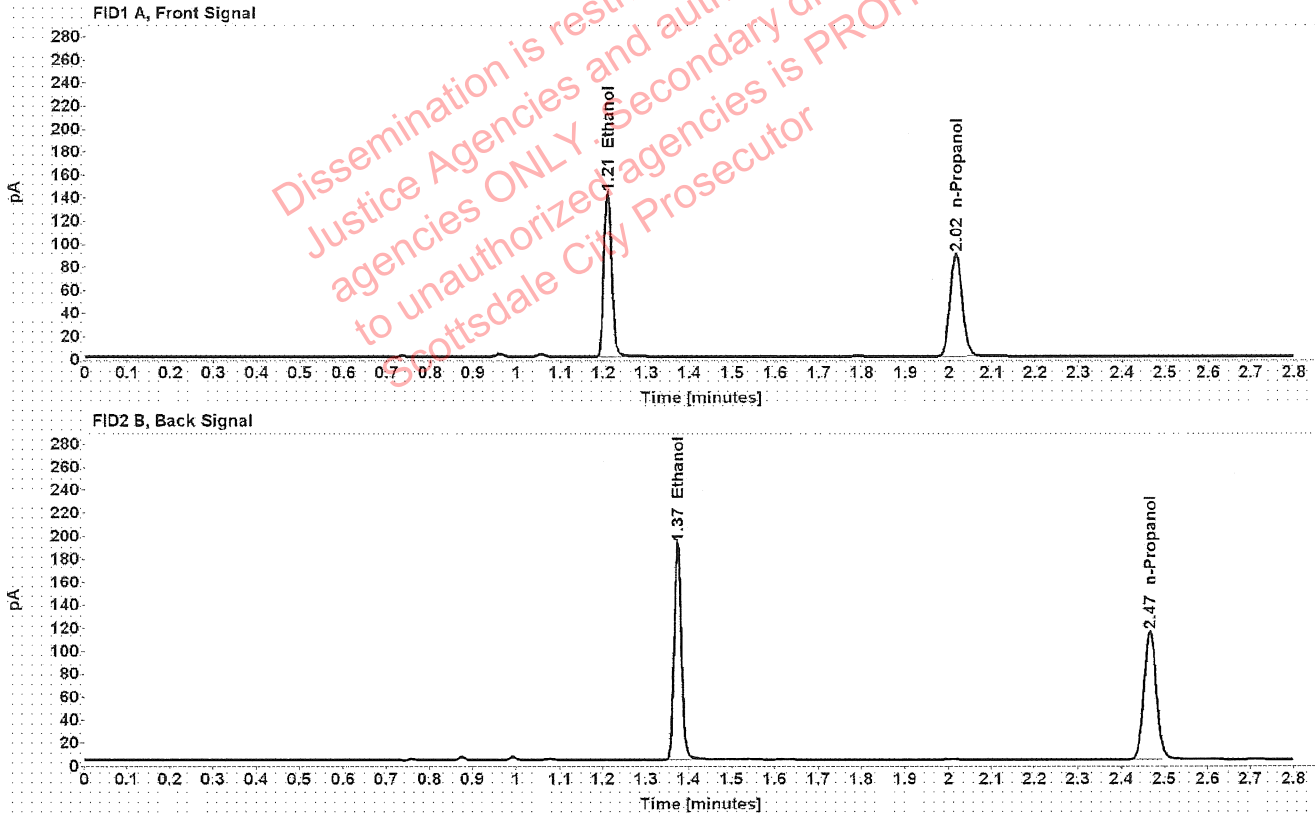


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2801	1.210	179.488
n-Propanol	-----	2.016	175.945

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

Compound	Time (min)	Peak Area
Ethanol	1.373	229.624
n-Propanol	2.466	223.495

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1403626	Vial:	25
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	11Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/11/2022 2:02:52 PM
Data file:	C:\Chem32\1\Data\11Jan22\25.D	Analyst:	Canonico

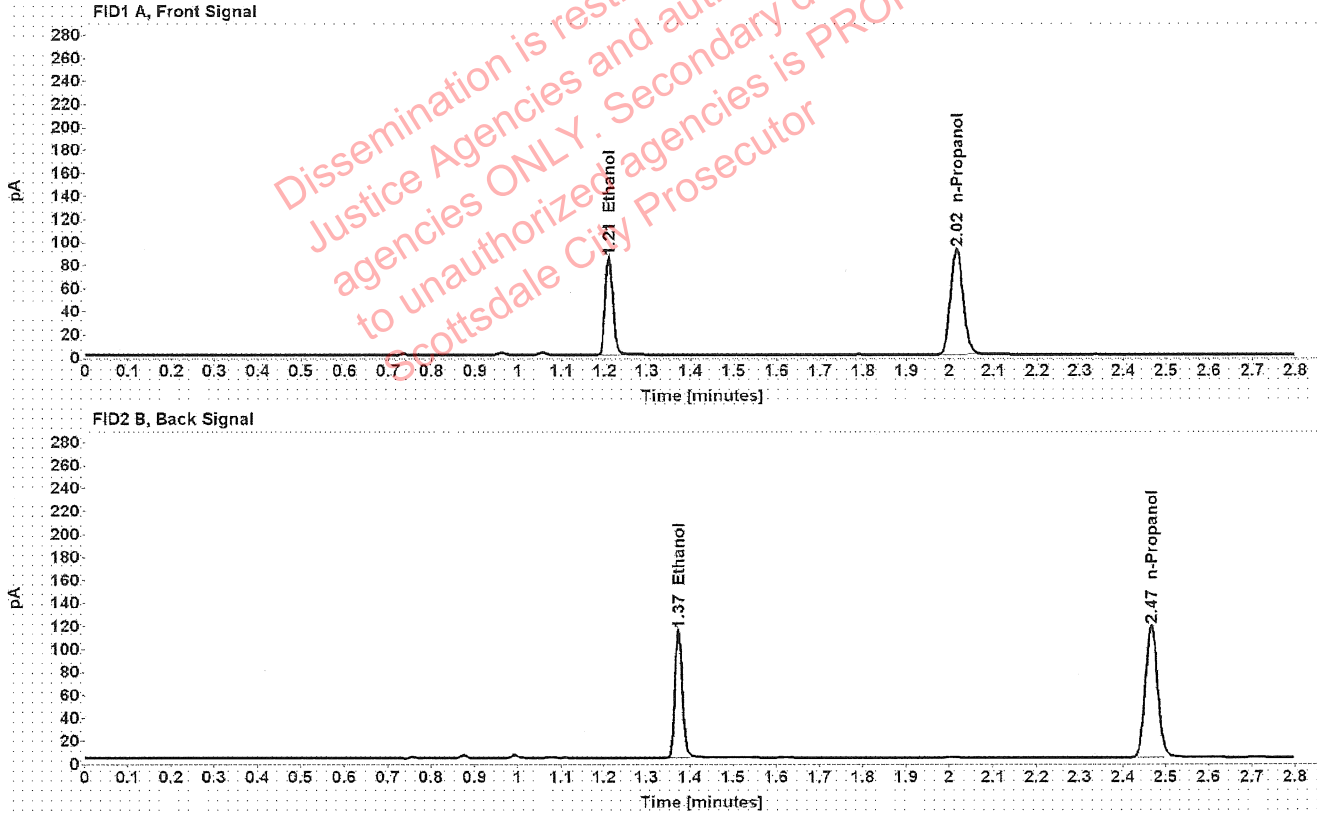


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1625	1.210	106.652
n-Propanol	-----	2.016	181.404

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

Compound	Time (min)	Peak Area
Ethanol	1.374	135.056
n-Propanol	2.466	230.393

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1403626	Vial:	26
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	11Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/11/2022 2:06:52 PM
Data file:	C:\Chem32\1\Data\11Jan22\26.D	Analyst:	Canonico

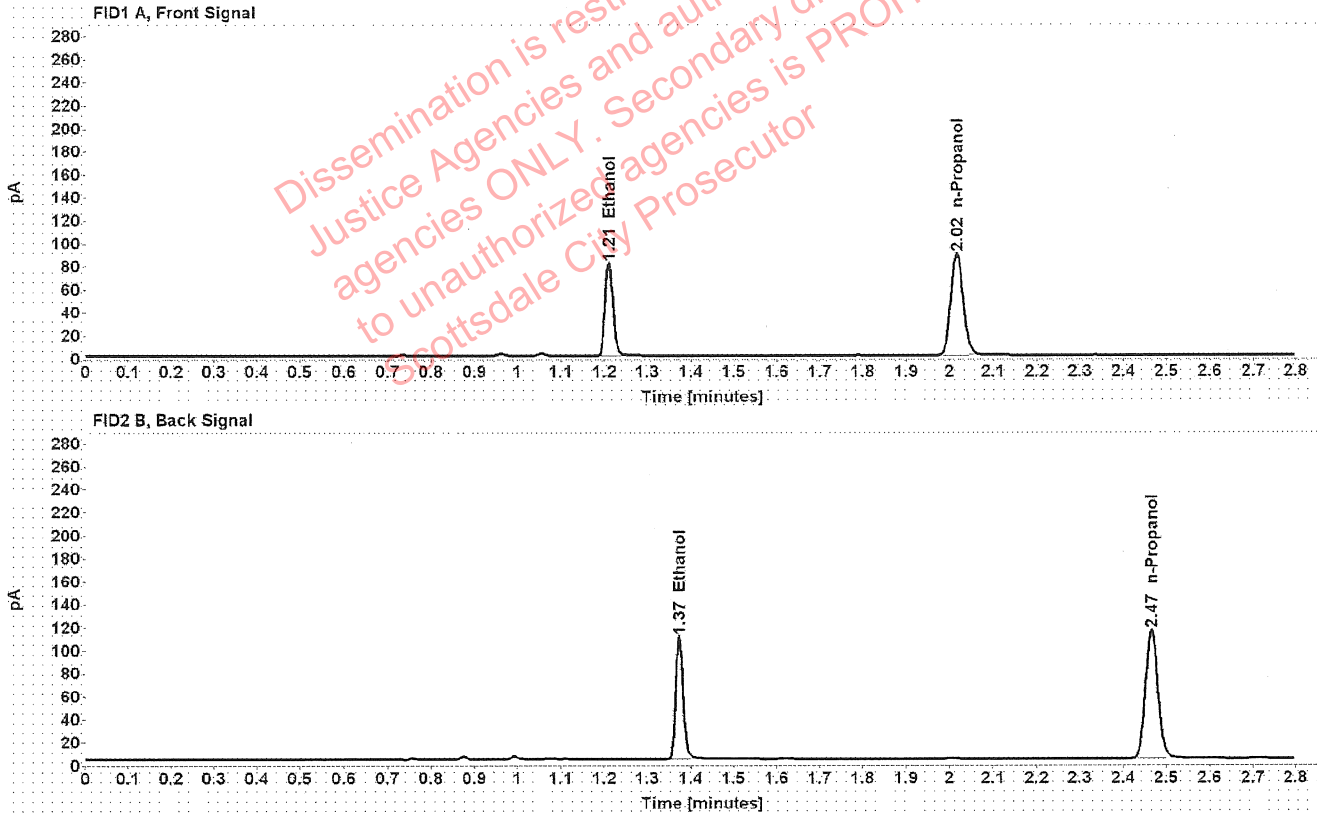


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1601	1.210	101.898
n-Propanol	-----	2.016	175.925

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

Compound	Time (min)	Peak Area
Ethanol	1.374	129.261
n-Propanol	2.466	223.439

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1403731	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	11Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/11/2022 2:10:52 PM
Data file:	C:\Chem32\1\Data\11Jan22\27.D	Analyst:	Canonico

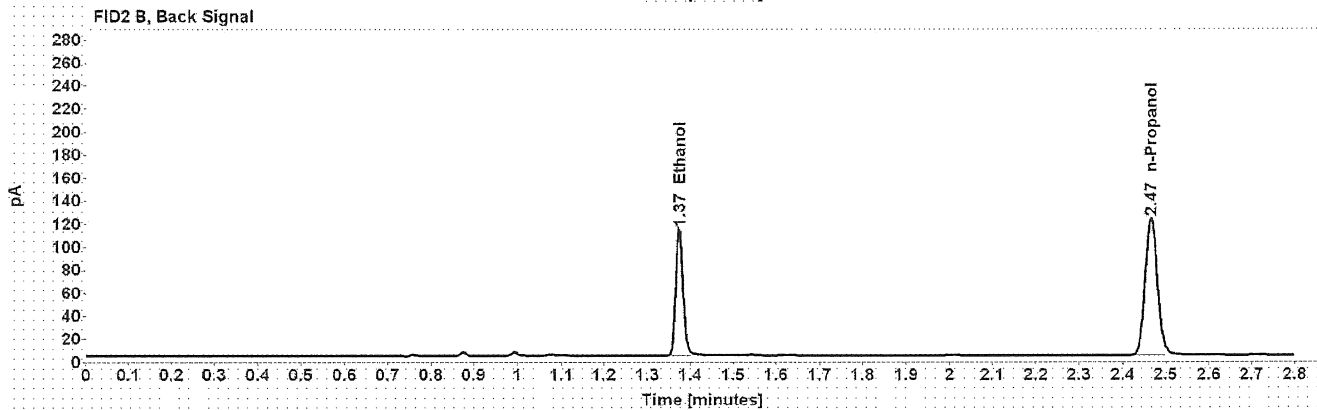
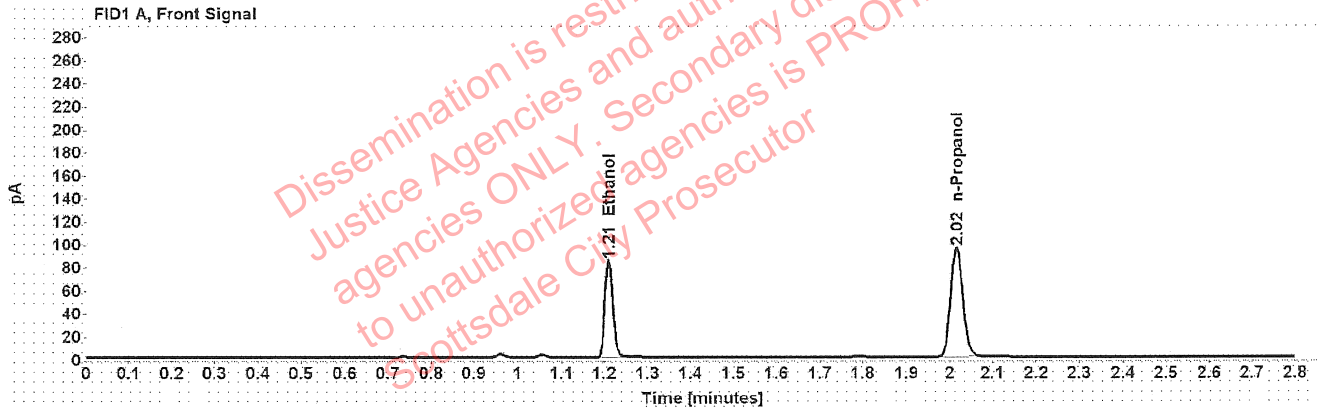


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1557	1.210	105.714
n-Propanol	-----	2.016	187.836

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

Compound	Time (min)	Peak Area
Ethanol	1.374	134.263
n-Propanol	2.466	238.589

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1403731	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	11Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/11/2022 2:14:52 PM
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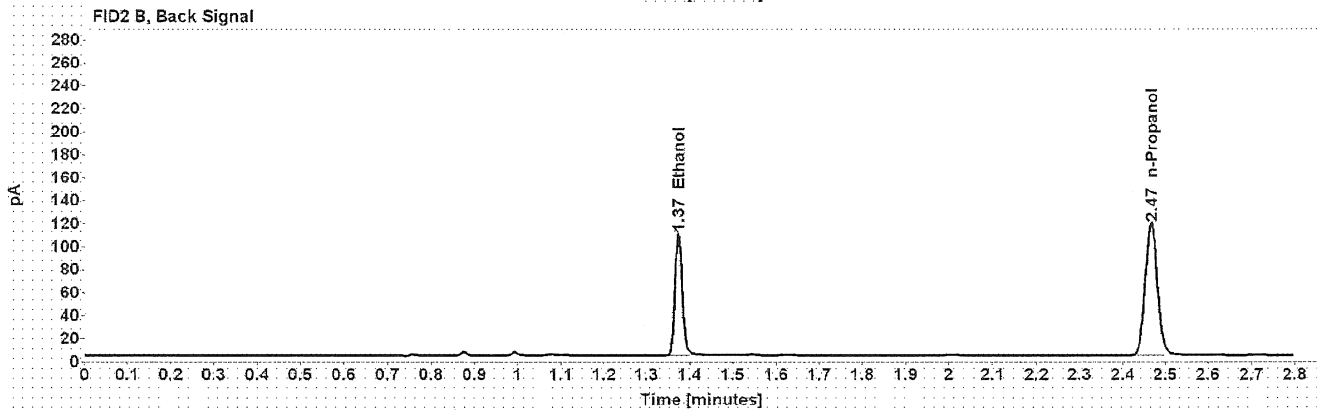
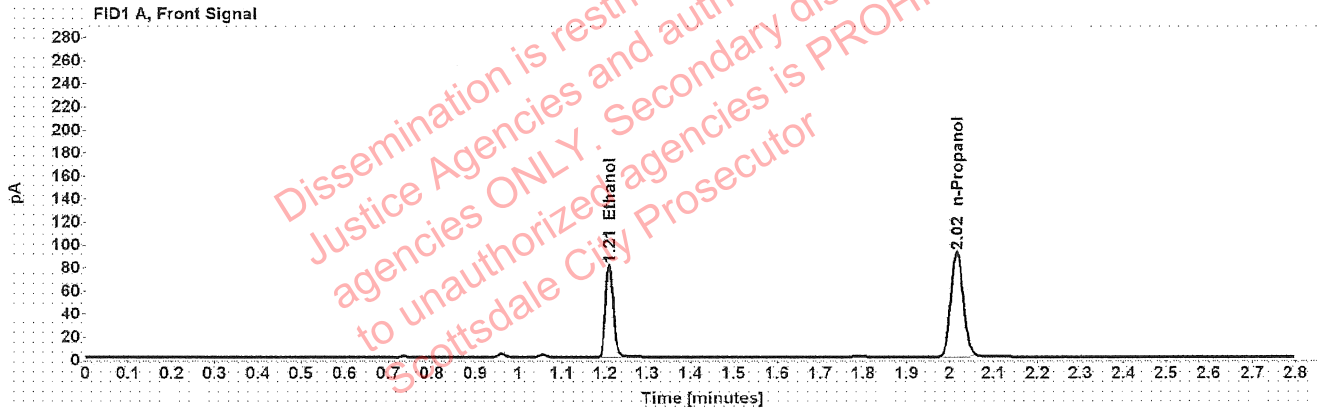


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1547	1.210	101.390
n-Propanol	-----	2.016	181.371

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

Compound	Time (min)	Peak Area
Ethanol	1.374	128.693
n-Propanol	2.466	230.258

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1403739	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	11Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/11/2022 2:18:52 PM
Data file:	C:\Chem32\1\Data\11Jan22\29.D	Analyst:	Canonico

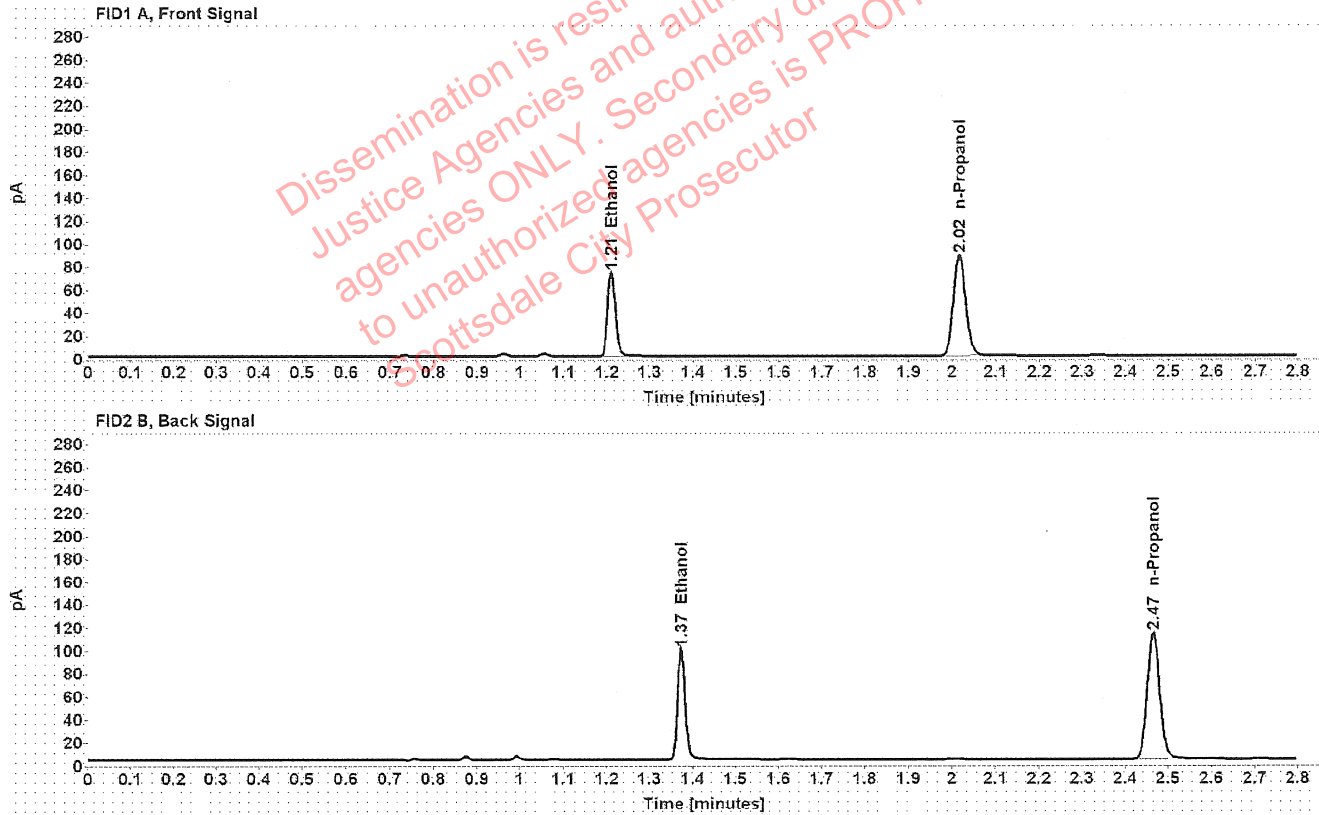


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1472	1.210	92.363
n-Propanol	-----	2.016	173.756

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

Compound	Time (min)	Peak Area
Ethanol	1.374	117.218
n-Propanol	2.466	220.976

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1403739	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	11Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/11/2022 2:22:52 PM
Data file:	C:\Chem32\1\Data\11Jan22\30.D	Analyst:	Canonico

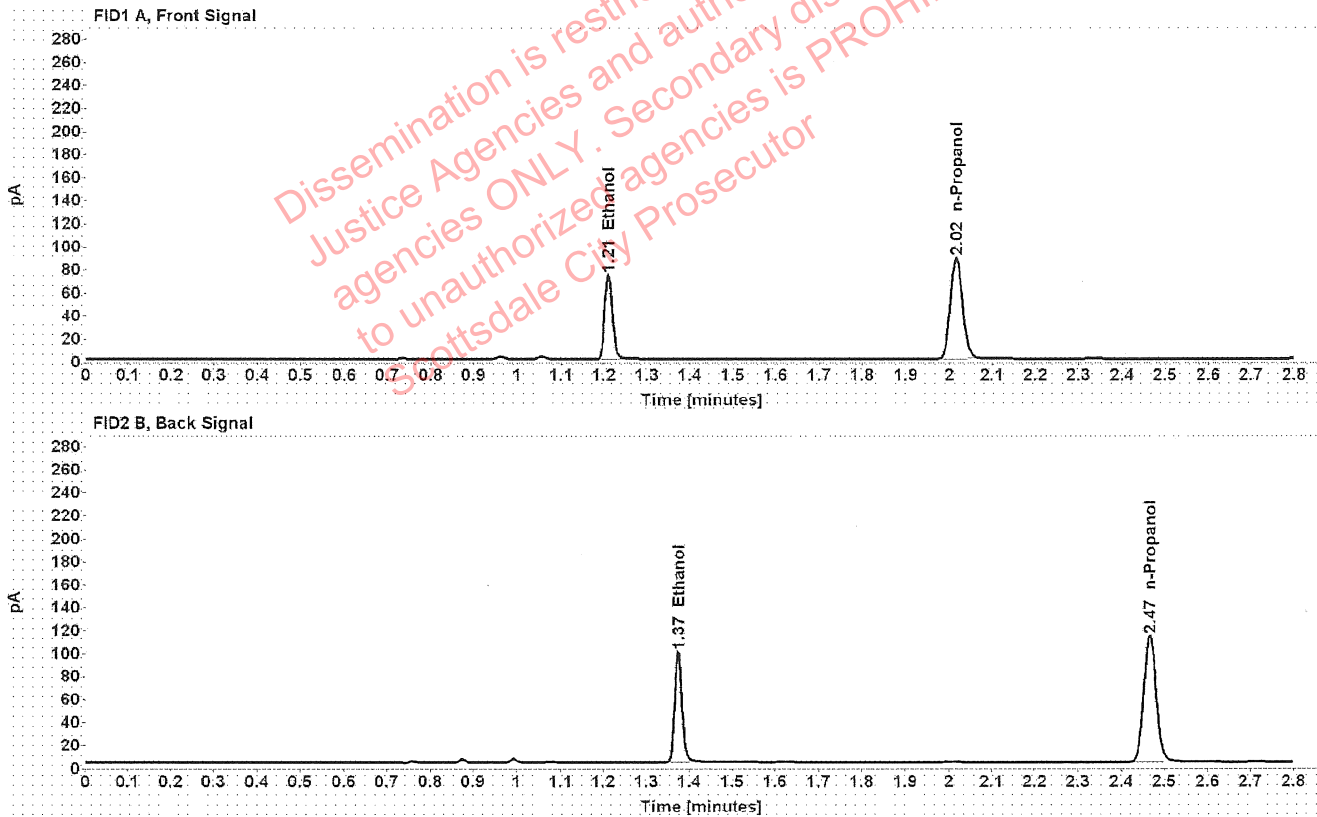


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1469	1.210	92.282
n-Propanol	-----	2.016	173.997

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

Compound	Time (min)	Peak Area
Ethanol	1.374	117.105
n-Propanol	2.466	221.331

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1373335	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	11Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/11/2022 2:31:06 PM
Data file:	C:\Chem32\1\Data\11Jan22\32.D	Analyst:	Canonico

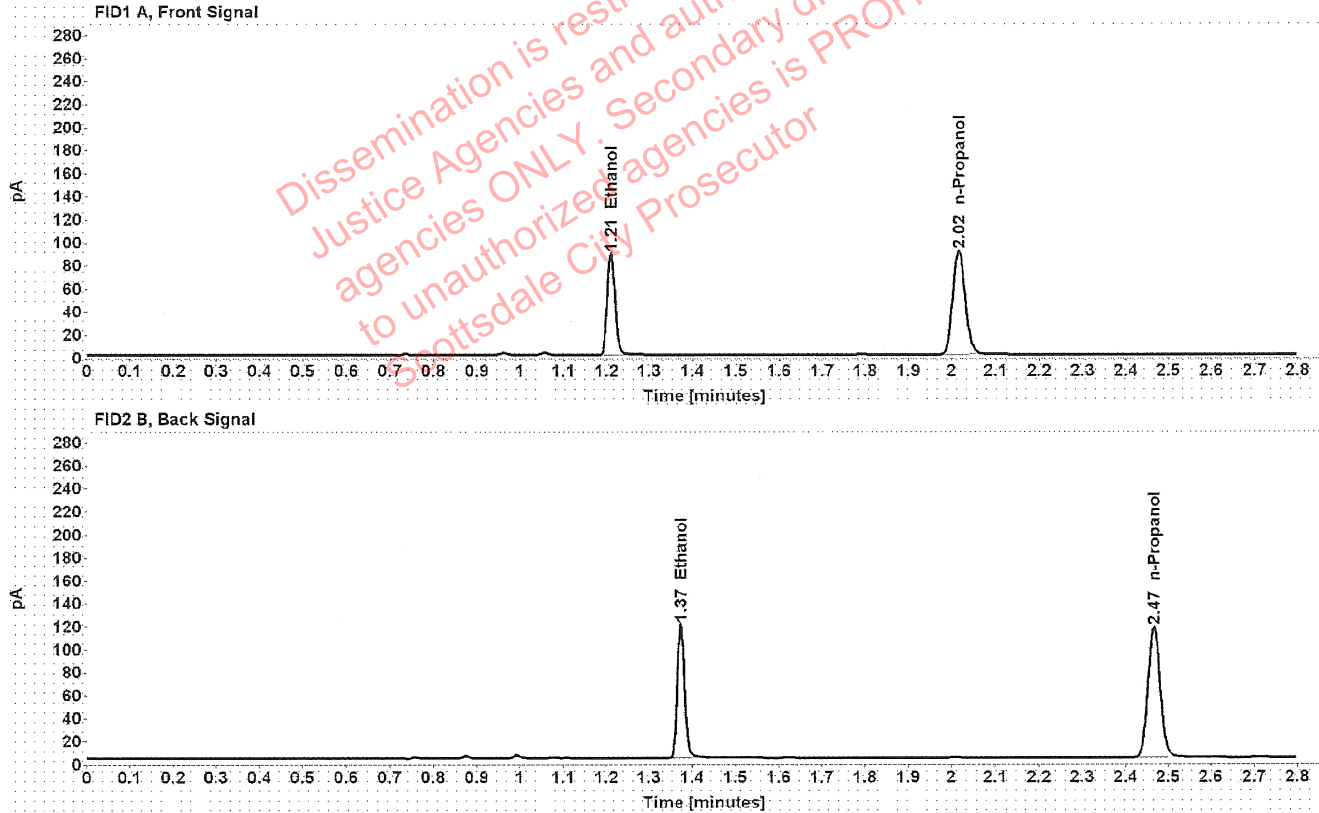


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1717	1.210	111.397
n-Propanol	-----	2.016	179.211

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

Compound	Time (min)	Peak Area
Ethanol	1.374	141.411
n-Propanol	2.466	227.735

[REDACTED] : Canonico, Erika - (12-Jan-2022)

Case: [REDACTED] User: ecanonico 1/12/2022

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1373335	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	11Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/11/2022 2:35:06 PM
Data file:	C:\Chem32\1\Data\11Jan22\33.D	Analyst:	Canonico

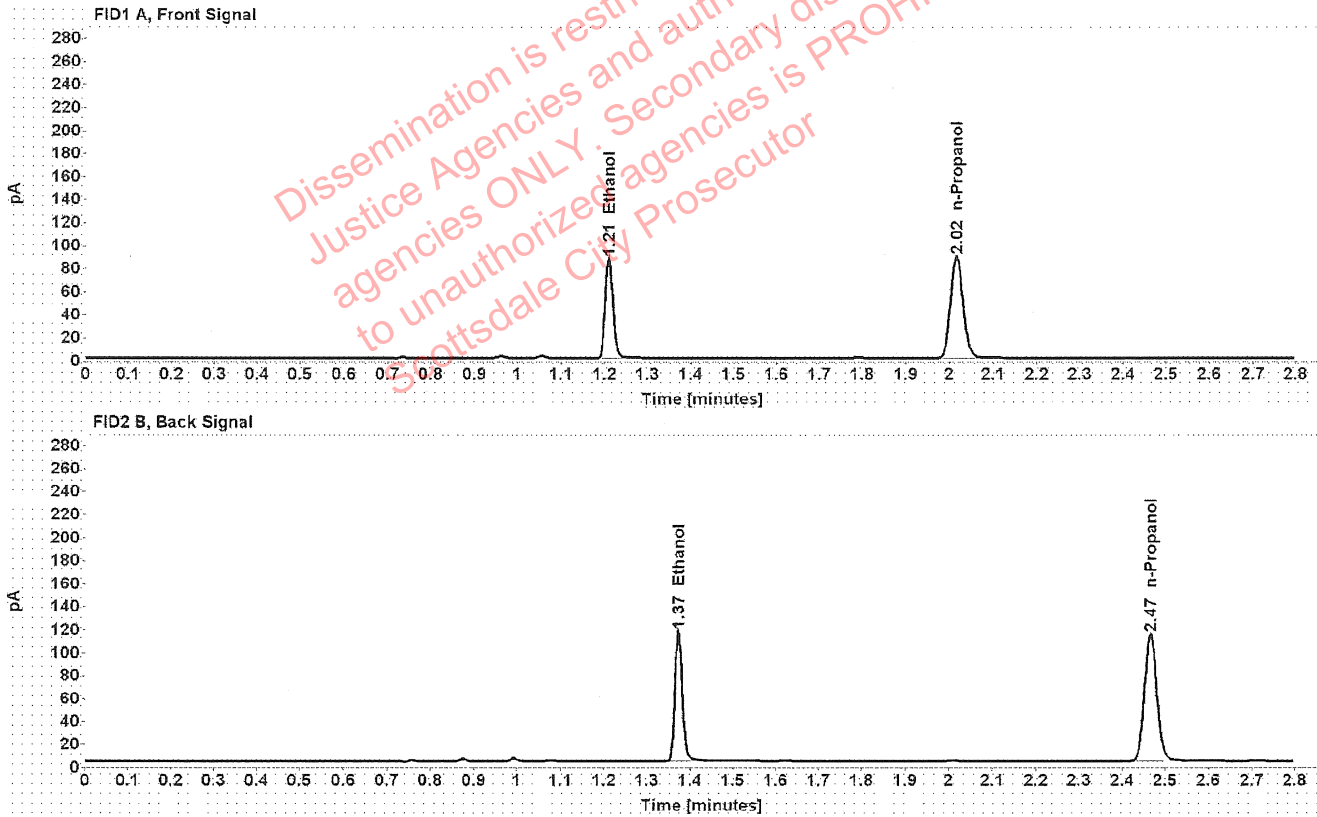


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1717	1.210	109.043
n-Propanol	-----	2.016	175.386

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

Compound	Time (min)	Peak Area
Ethanol	1.374	138.273
n-Propanol	2.466	222.644

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1379145	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	11Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/11/2022 2:39:06 PM
Data file:	C:\Chem32\1\Data\11Jan22\34.D	Analyst:	Canonico

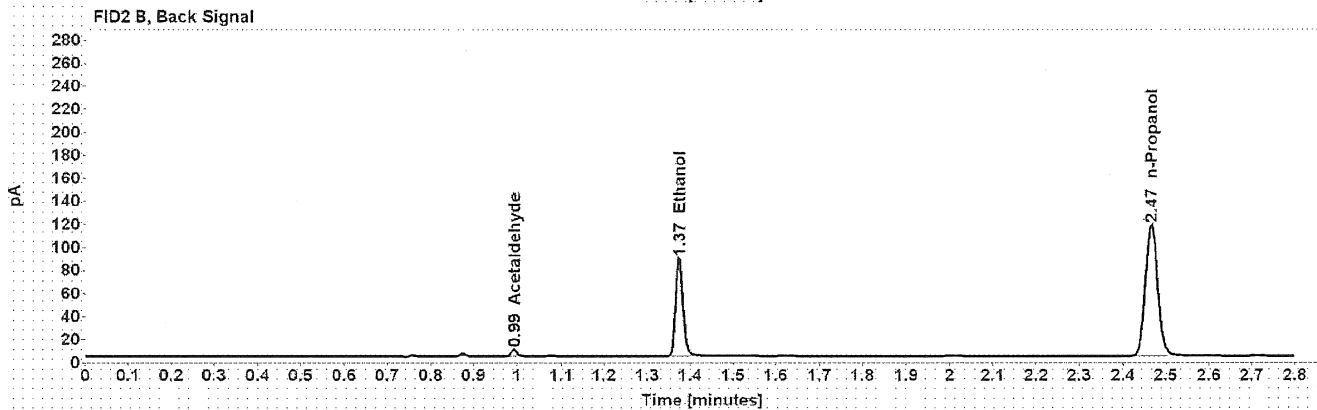
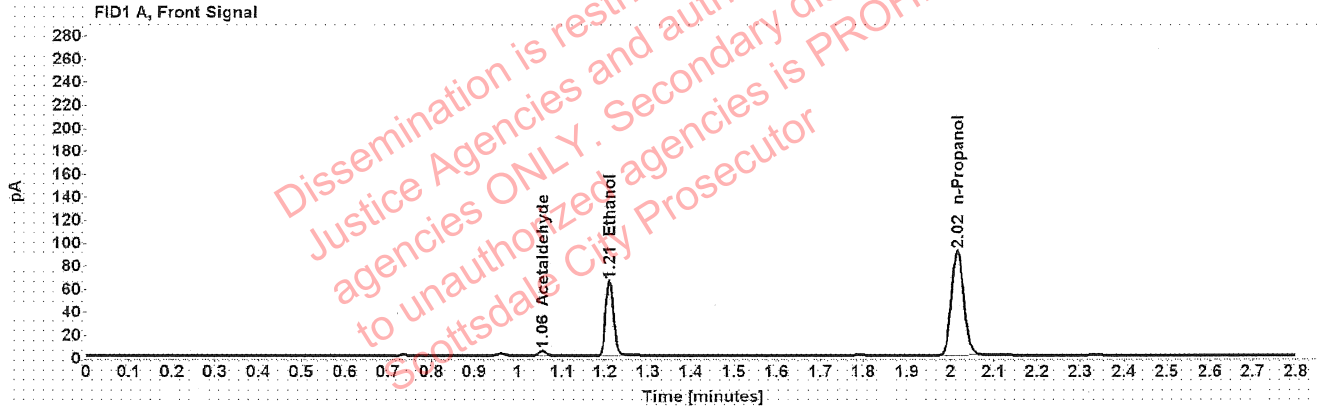


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	4.242
>Ethanol	0.1267	1.210	82.169
n-Propanol	-----	2.016	180.009

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5.541
Ethanol	1.374	103.997
n-Propanol	2.466	229.326

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1379145	Vial: 35
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 11Jan22
Instrument: US14173023 CN14160045	Injection date: 1/11/2022 2:43:06 PM
Data file: C:\Chem32\1\Data\11Jan22\35.D	Analyst: Canonico

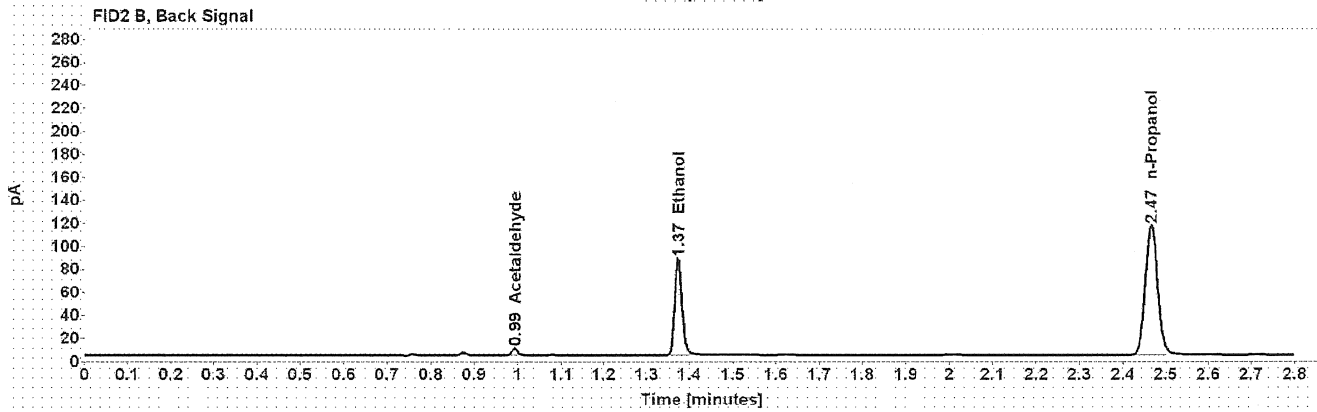
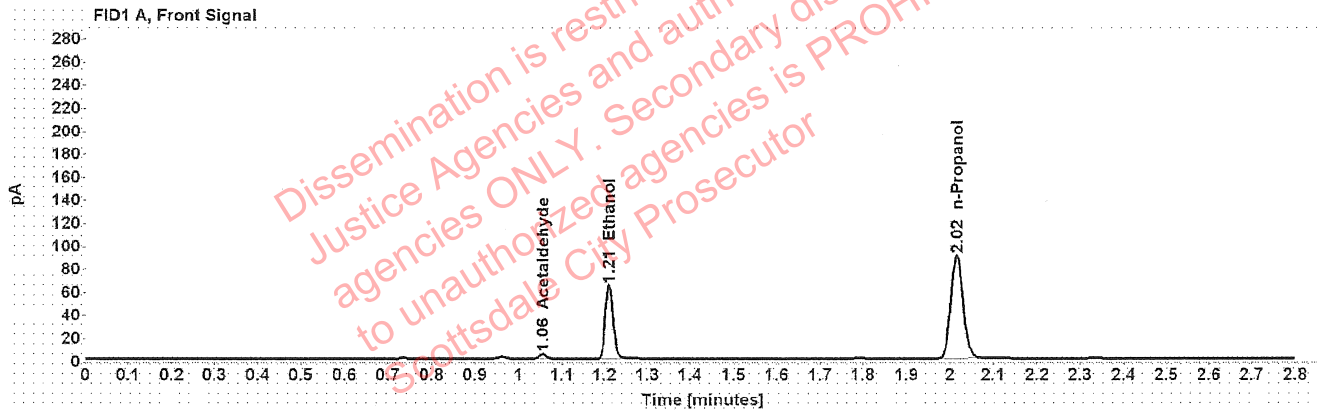


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	4.187
>Ethanol	0.1263	1.210	80.834
n-Propanol	-----	2.016	177.739

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5.479
Ethanol	1.374	102.138
n-Propanol	2.466	226.446

██████████: Canonico, Erika - (12-Jan-2022)

Case: ██████████ User: ecanonico 1/12/2022

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1401219	Vial:	36
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	11Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/11/2022 2:47:06 PM
Data file:	C:\Chem32\1\Data\11Jan22\36.D	Analyst:	Canonico

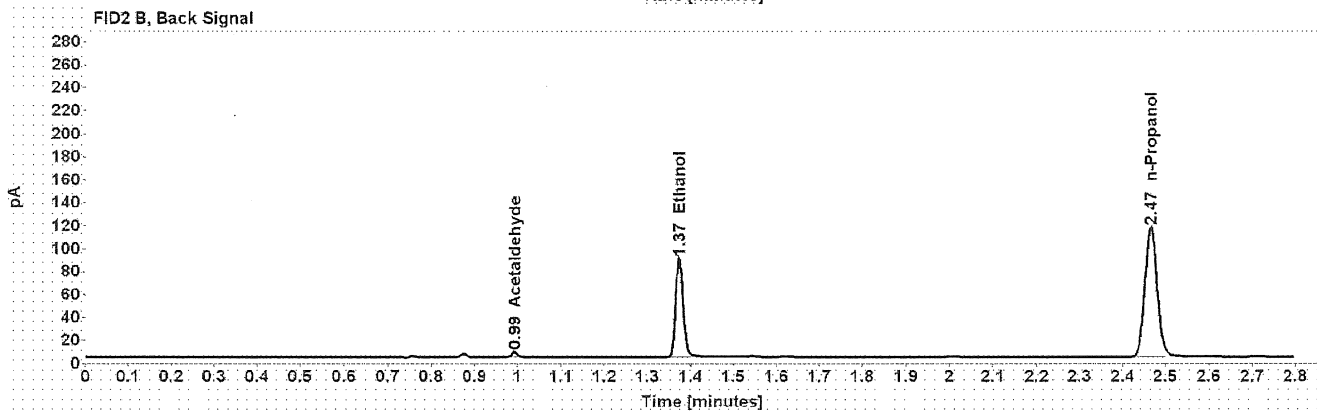
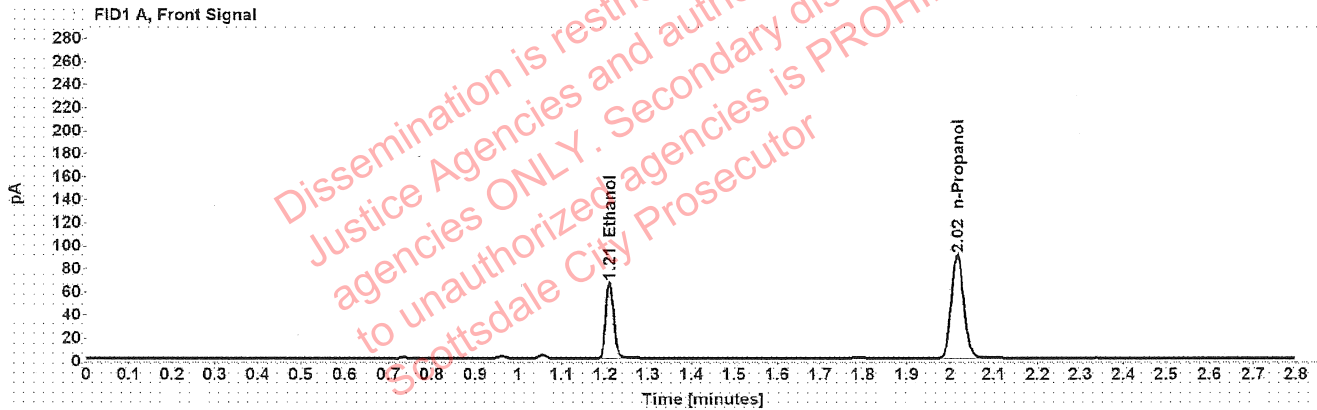


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1294	1.210	83.083
n-Propanol	-----	2.016	178.146

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.150
Ethanol	1.374	105.264
n-Propanol	2.466	226.324

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1401219	Vial:	37
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	11Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/11/2022 2:51:22 PM
Data file:	C:\Chem32\1\Data\11Jan22\37.D	Analyst:	Canonico

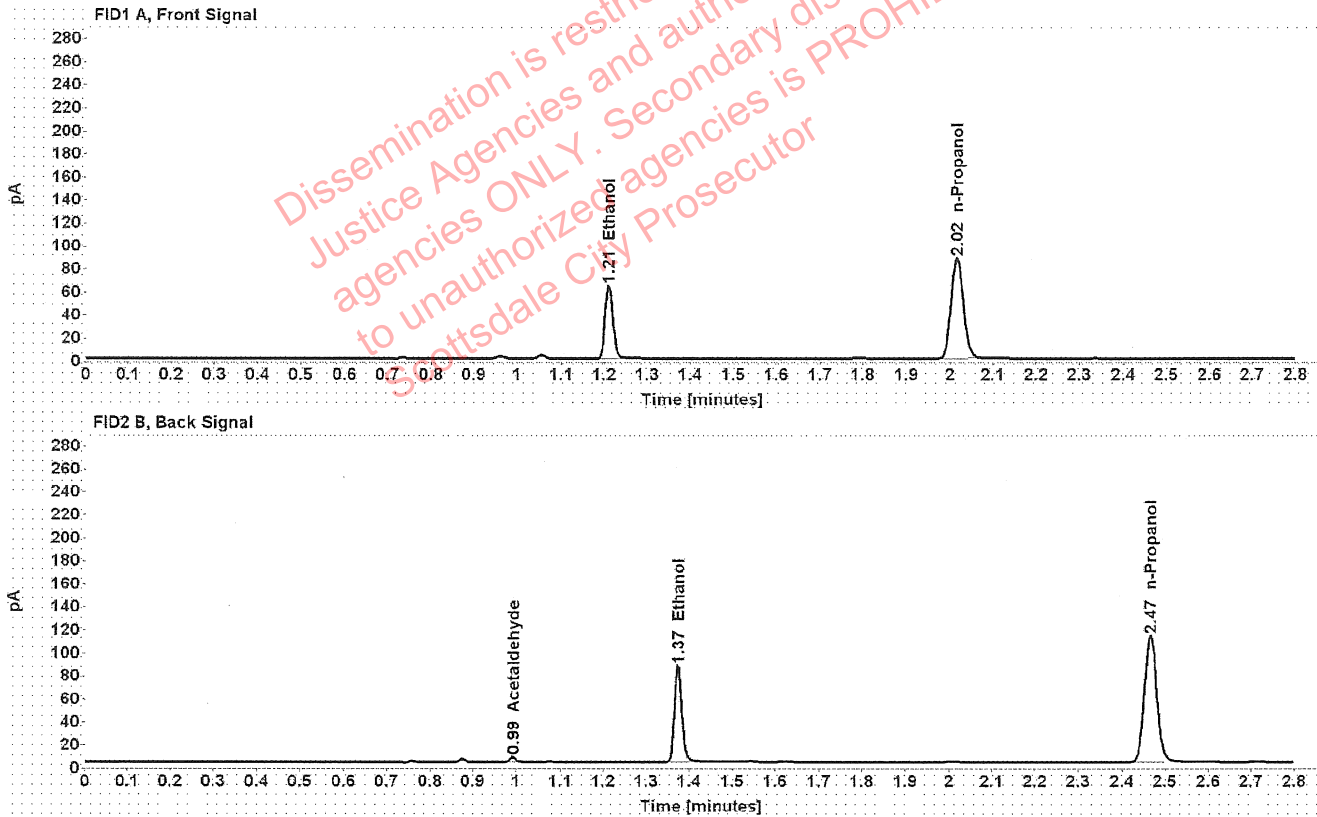


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1291	1.210	80.764
n-Propanol	-----	2.016	173.662

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.095
Ethanol	1.374	101.956
n-Propanol	2.466	220.603

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1398786	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	11Jan22
Instrument:	US14173023 CN14160045	Injection date:	1/11/2022 2:55:21 PM
Data file:	C:\Chem32\1\Data\11Jan22\38.D	Analyst:	Canonico

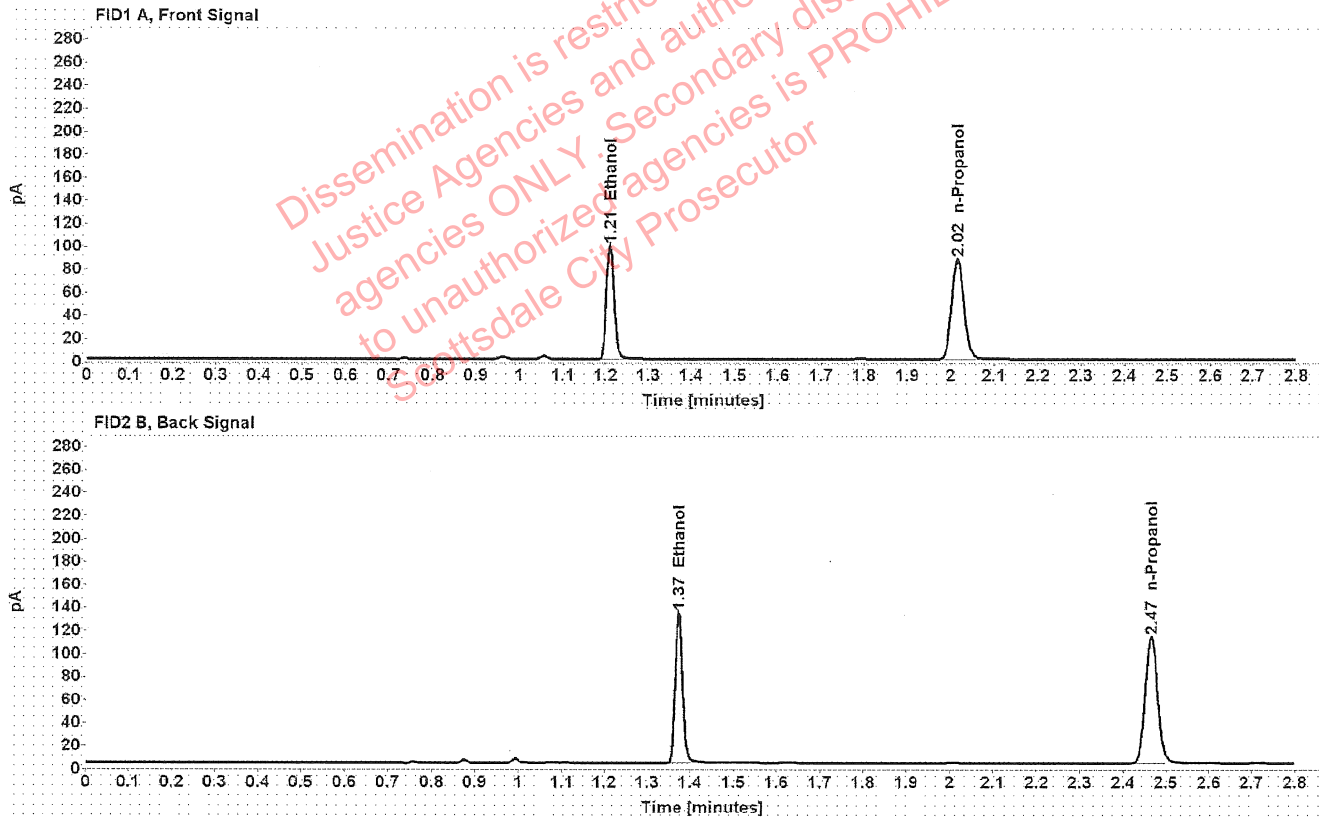


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1986	1.210	124.970
n-Propanol	-----	2.016	173.457

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

Compound	Time (min)	Peak Area
Ethanol	1.373	158.551
n-Propanol	2.466	220.187

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1398786	Vial: 39
Description: ██████████	LIMS ID: ██████████
Method: ethanol quant.M	Sequence: 11Jan22
Instrument: US14173023 CN14160045	Injection date: 1/11/2022 2:59:22 PM
Data file: C:\Chem32\1\Data\11Jan22\39.D	Analyst: Canonico

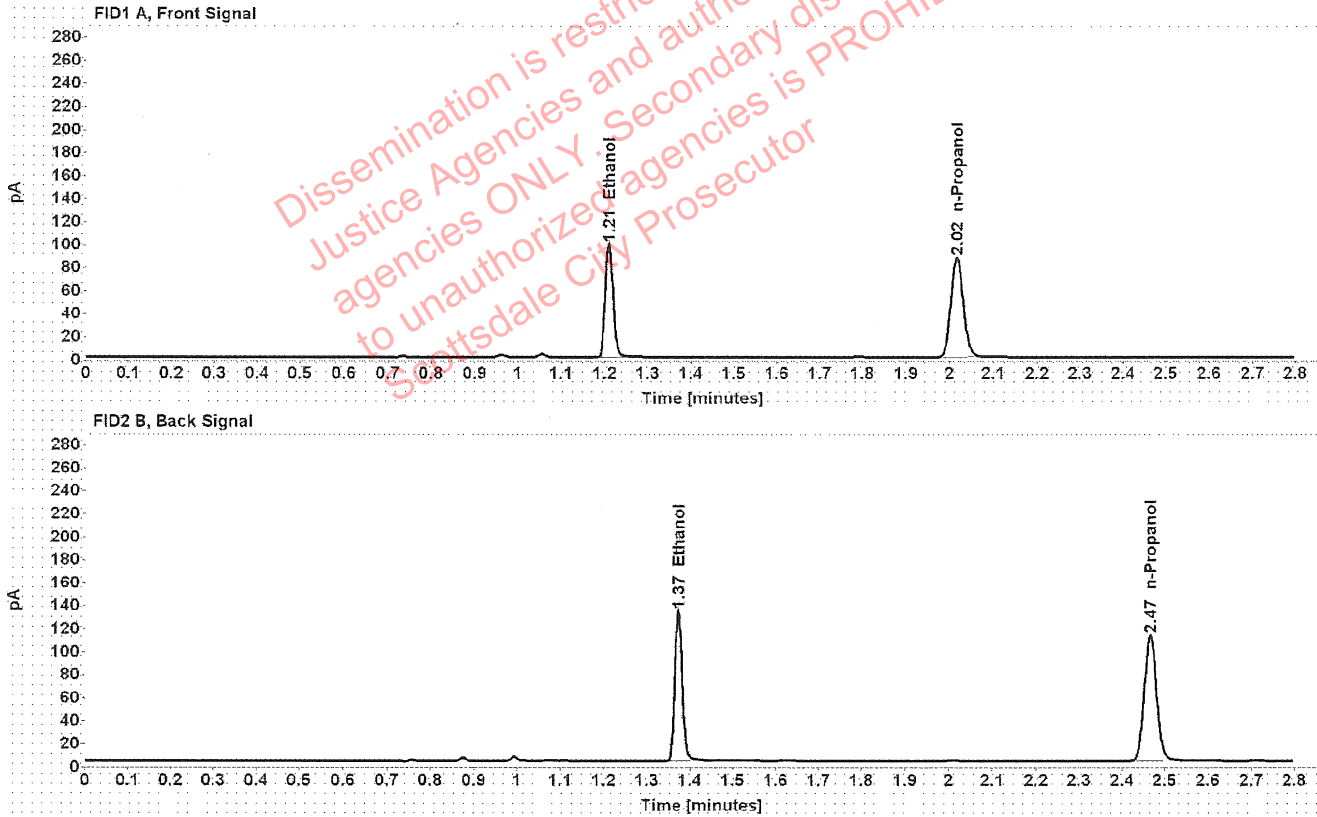


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1987	1.210	124.501
n-Propanol	-----	2.016	172.677

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

Compound	Time (min)	Peak Area
Ethanol	1.373	158.203
n-Propanol	2.466	219.195