

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 09/17/2020 SEQUENCE NAME 17Sep20

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 FN02271802 0.99996
 Vial 3 0.20 calibrator Lot FN06231704
 Vial 4 0.40 calibrator Lot FN05131606

CALIBRATION VERIFICATION AND RESOLUTION TEST

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 071420AQ
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 070819MIX
7	Aqueous control	0.400 g/dL	0.403 g/dL	Lipomed 11092018-A
8	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 14082019-B
9	Blood control	0.198 g/dL	0.199 g/dL	ACQ 407041529/13
20	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 03102016-A/1
31	Blood control	0.198 g/dL	0.201 g/dL	ACQ 407041529/13
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	0.198 g/dL	0.200 g/dL	ACQ 407041529/13
45	Blank	Not detected	Not detected	SPD lab 040919WB

SUBJECT SAMPLES

Subjects in the sequence 15 Subjects requiring reanalysis 0

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

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

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

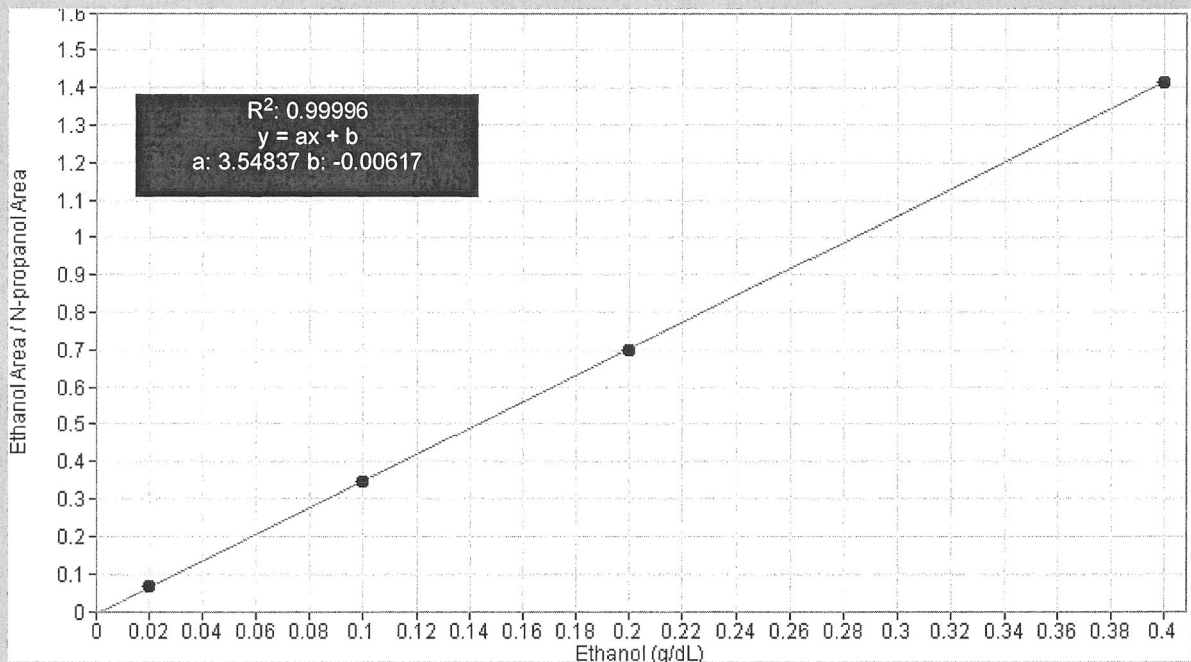
SEQUENCE NAME: 17Sep20

ANALYST: Canonico 

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 071420AQ	5	negative	negative	-	-
0.400 11092018-A	7	0.403	0.400	0.75	0.003
0.040 14082019-B	8	0.041	0.040	2.50	0.001
0.198 407041529/13	9	0.199	0.198	0.51	0.001
0.080 03102016-A/1	20	0.080	0.080	0.00	0.000
0.198 407041529/13	31	0.201	0.198	1.52	0.003
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
0.198 407041529/13	44	0.200	0.198	1.01	0.002
blank 040919WB	45	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.941	175.731	0.068
0.100	59.780	171.860	0.348
0.200	122.092	174.724	0.699
0.400	245.089	173.134	1.416

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN06141806	Vial: 1
Description: 0.020 calibrator	Sequence: 17Sep20
Method: ethanol quant.M	Injection date: 9/17/2020 12:05:19 PM
Instrument: US14173023 CN14160045	Analyst: Canonico EC
Data file: C:\Chem32\1\Data\17Sep20\1.D	

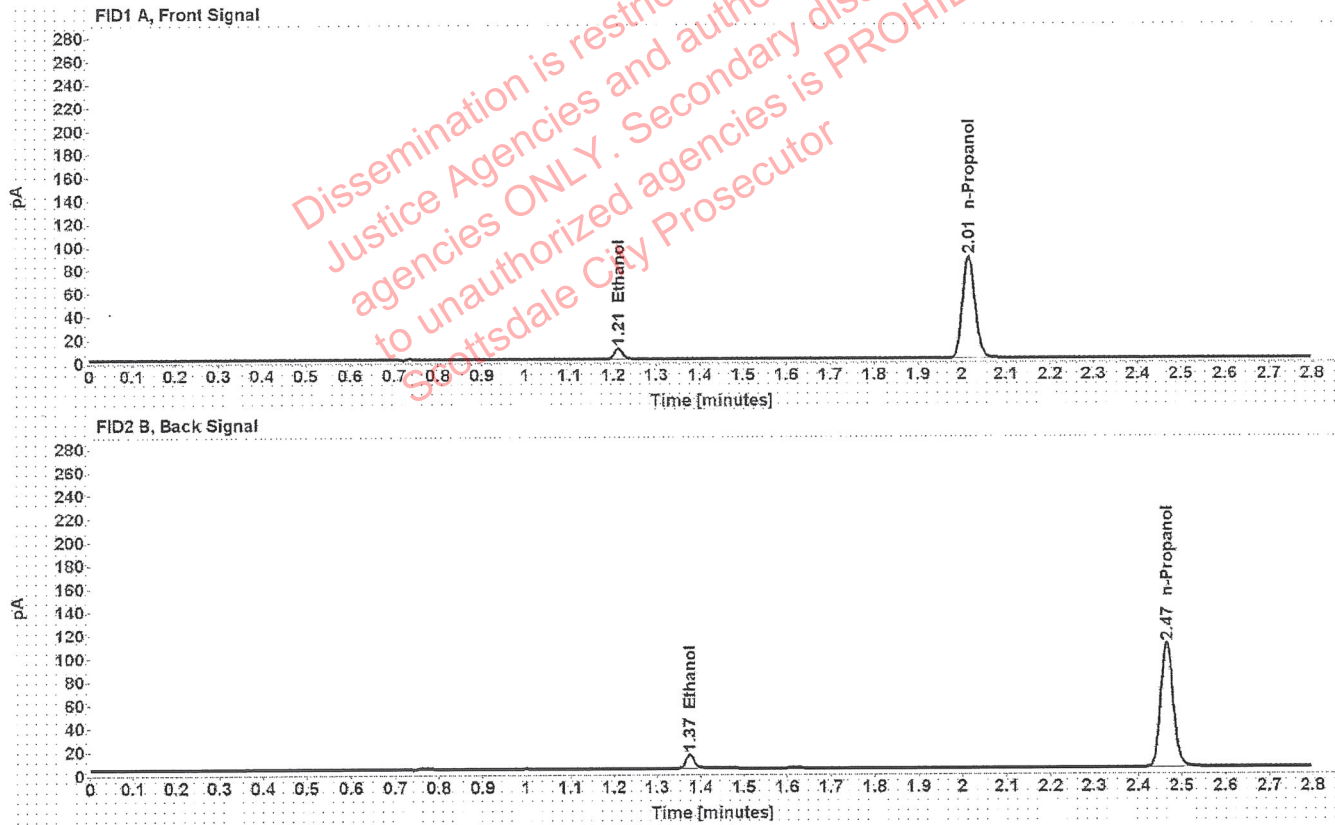


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.212	11.941
n-Propanol	2.015	175.731

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

Compound	Time (min)	Peak Area
Ethanol	1.375	14.975
n-Propanol	2.466	215.599

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN02271802	Vial: 2
Description: 0.100 calibrator	Sequence: 17Sep20
Method: ethanol quant.M	Injection date: 9/17/2020 12:09:19 PM
Instrument: US14173023 CN14160045	Analyst: Canonico ee
Data file: C:\Chem32\1\Data\17Sep20\2.D	

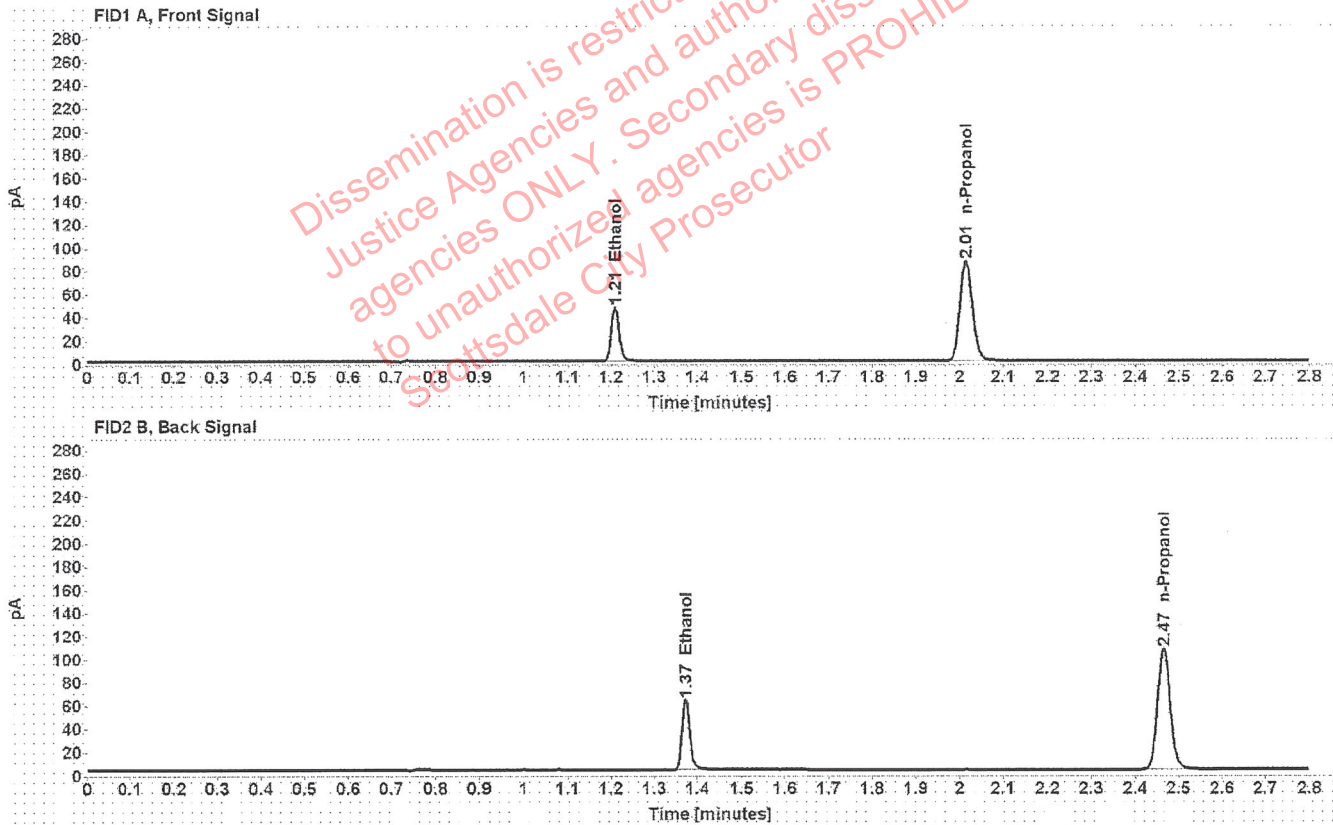


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	59.780
n-Propanol	2.015	171.860

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

Compound	Time (min)	Peak Area
Ethanol	1.373	74.603
n-Propanol	2.465	211.312

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN06231704	Vial: 3
Description: 0.200 calibrator	Sequence: 17Sep20
Method: ethanol quant.M	Injection date: 9/17/2020 12:13:19 PM
Instrument: US14173023 CN14160045	Analyst: Canonico <i>ec</i>
Data file: C:\Chem32\1\Data\17Sep20\3.D	

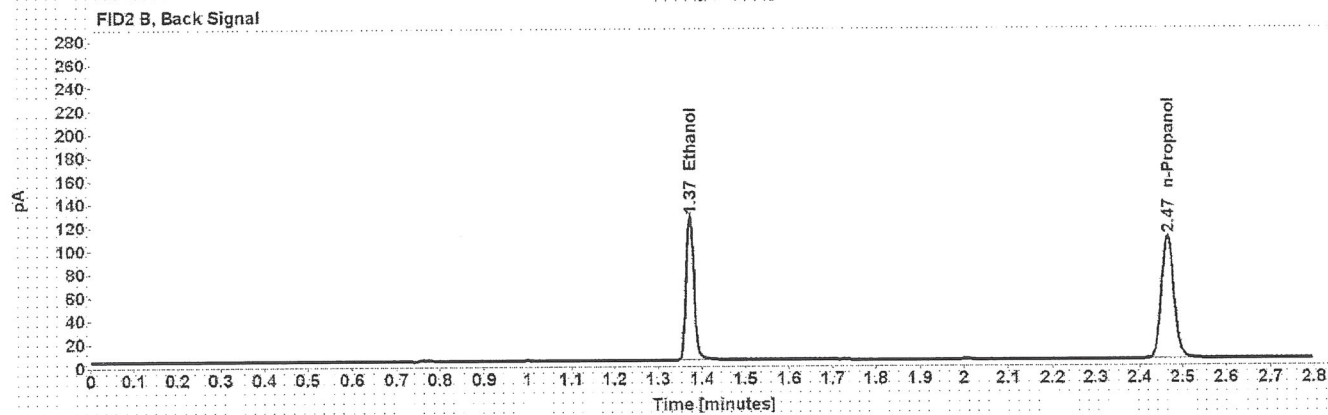
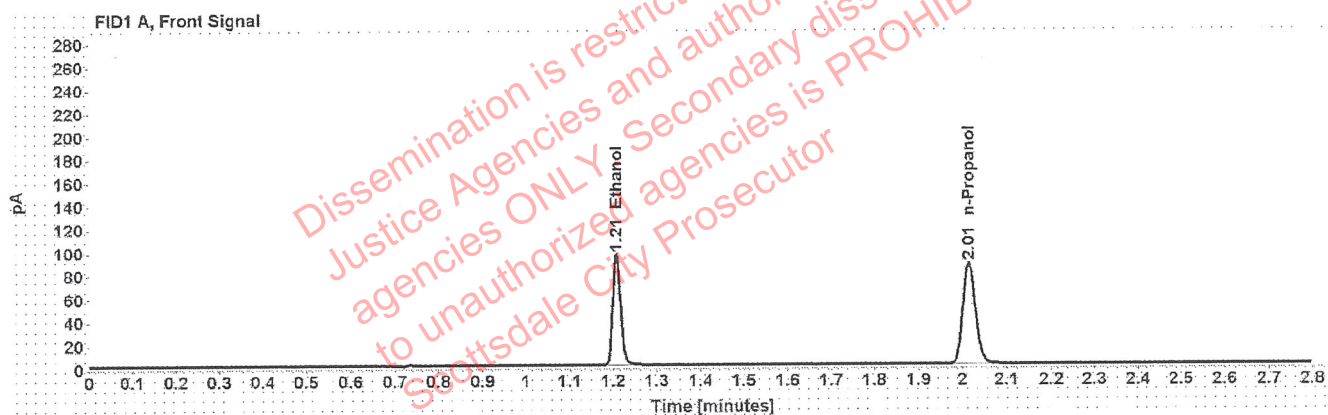


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	122.092
n-Propanol	2.014	174.724

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

Compound	Time (min)	Peak Area
Ethanol	1.372	153.105
n-Propanol	2.465	214.176

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN05131606	Vial:	4
Description:	0.400 calibrator	Sequence:	17Sep20
Method:	ethanol quant.M	Injection date:	9/17/2020 12:17:20 PM
Instrument:	US14173023 CN14160045	Analyst:	Canonico <i>ee</i>
Data file:	C:\Chem32\1\Data\17Sep20\4.D		

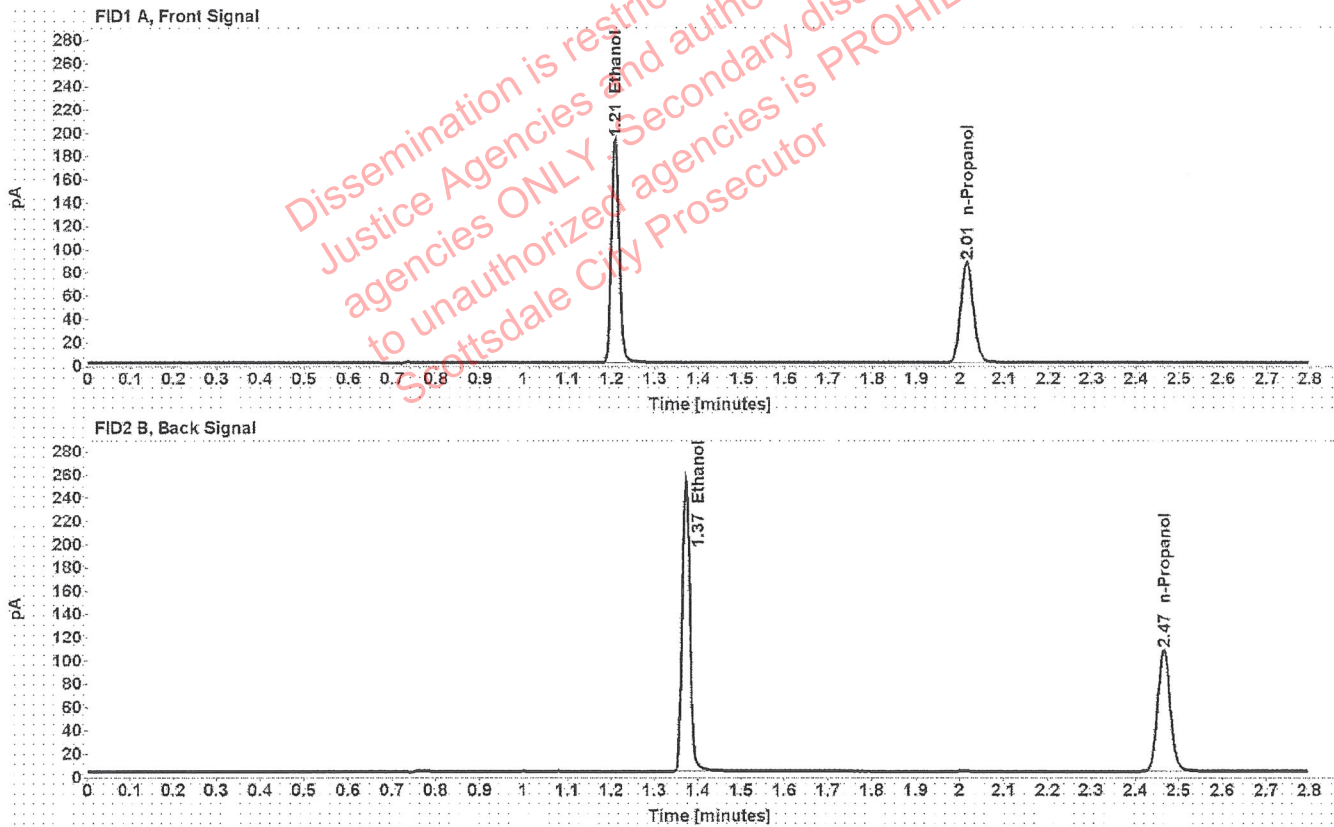


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	245.089
n-Propanol	2.015	173.134

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

Compound	Time (min)	Peak Area
Ethanol	1.372	307.507
n-Propanol	2.466	213.286

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	071420AQ	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	17Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/17/2020 12:21:20 PM
Data file:	C:\Chem32\1\Data\17Sep20\5.D	Analyst:	Canonico ee

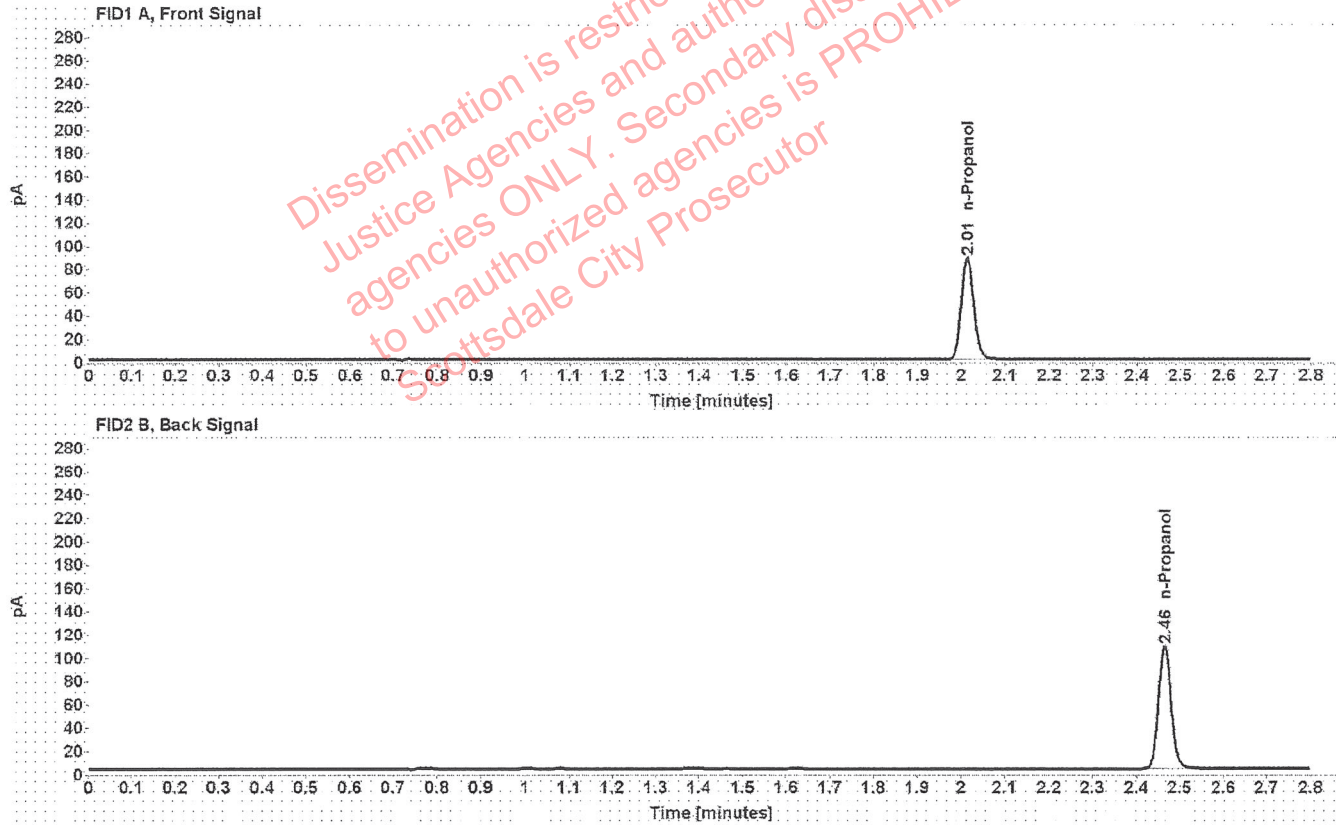


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.014	175.351

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

Compound	Time (min)	Peak Area
n-Propanol	2.465	215.336

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 070819MIX	Vial: 6
Description: Volatiles mix	LIMS ID:
Method: ethanol quant.M	Sequence: 17Sep20
Instrument: US14173023 CN14160045	Injection date: 9/17/2020 12:25:19 PM
Data file: C:\Chem32\1\Data\17Sep2016.D	Analyst: Canonico <i>EC</i>

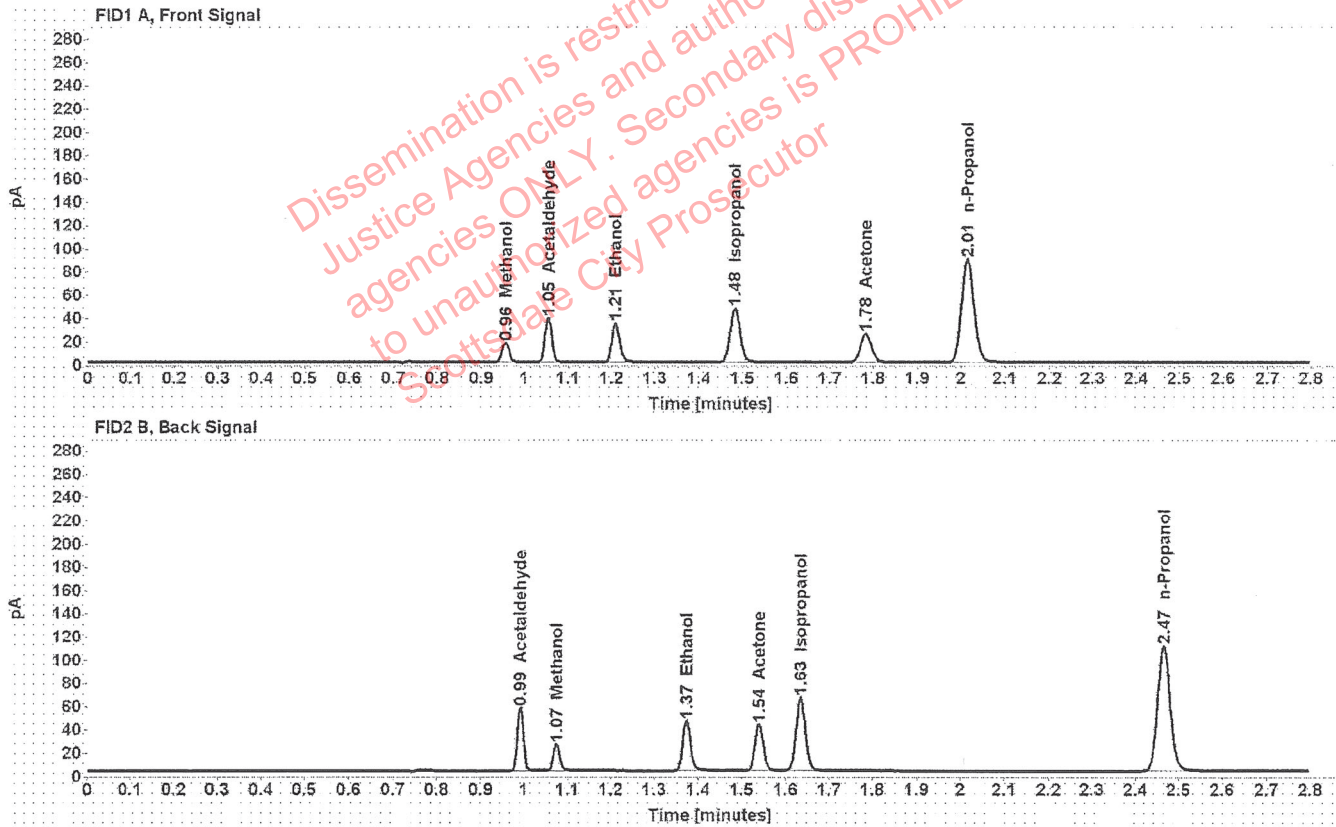


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.956	18.919
Acetaldehyde	-----	1.054	41.714
>Ethanol	0.0703	1.210	43.190
Isopropanol	-----	1.483	74.558
Acetone	-----	1.783	42.235
n-Propanol	-----	2.015	177.614

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.991	54.089
Methanol	1.074	24.393
Ethanol	1.373	53.860
Acetone	1.539	52.220
Isopropanol	1.635	95.703
n-Propanol	2.465	218.605

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 17Sep20
Instrument: US14173023 CN14160045	Injection date: 9/17/2020 12:29:34 PM
Data file: C:\Chem32\1\Data\17Sep20\7.D	Analyst: Canonico <i>EC</i>

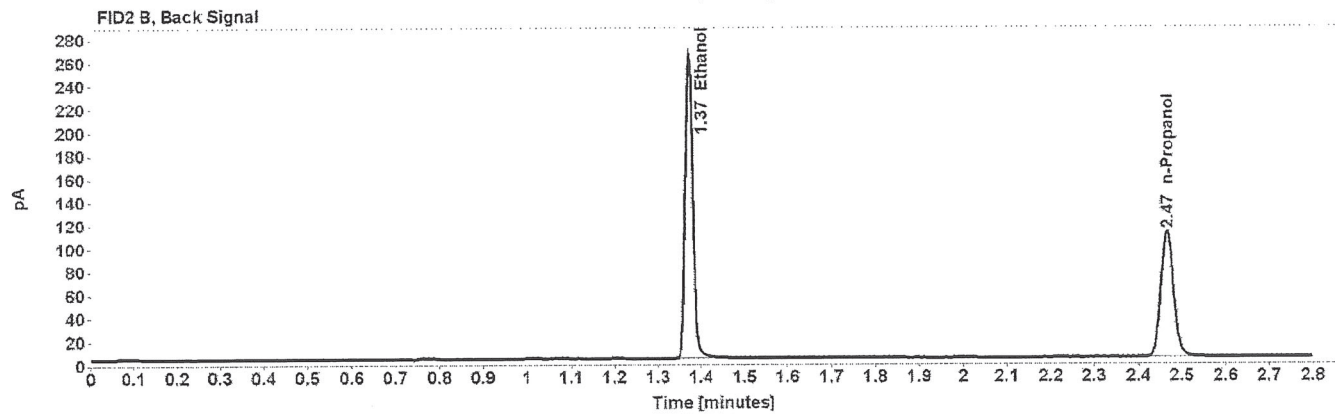
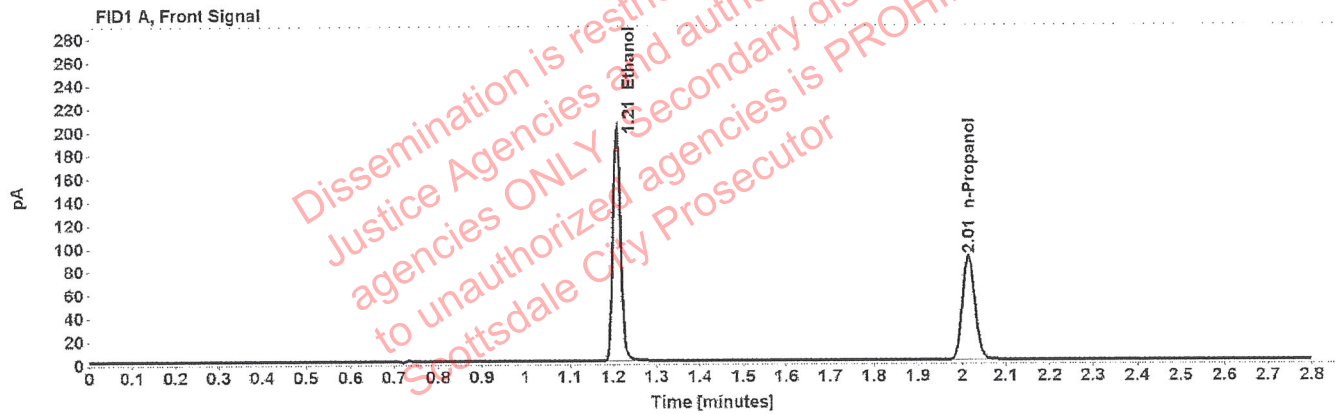


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4036	1.208	255.235
n-Propanol	-----	2.015	179.014

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

Compound	Time (min)	Peak Area
Ethanol	1.372	320.122
n-Propanol	2.466	220.429

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-B	Vial:	8
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	17Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/17/2020 12:33:34 PM
Data file:	C:\Chem32\1\Data\17Sep20\8.D	Analyst:	Canonico <i>EC</i>

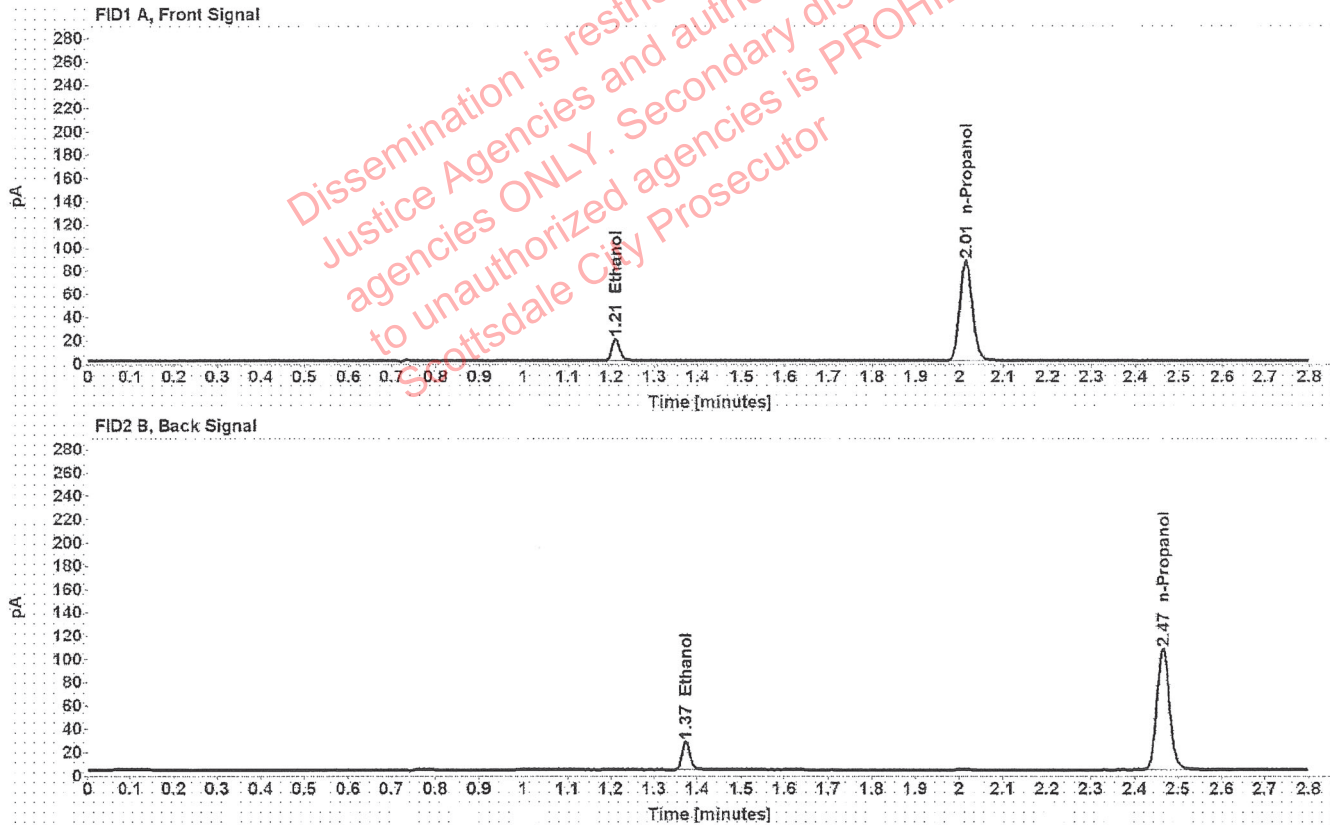


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0411	1.210	24.142
n-Propanol	-----	2.014	172.691

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

Compound	Time (min)	Peak Area
Ethanol	1.373	30.138
n-Propanol	2.465	212.051

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 407041529/13	Vial: 9
Description: 0.198	LIMS ID:
Method: ethanol quant.M	Sequence: 17Sep20
Instrument: US14173023 CN14160045	Injection date: 9/17/2020 12:37:34 PM
Data file: C:\Chem32\1\Data\17Sep20\9.D	Analyst: Canonico <i>ec</i>

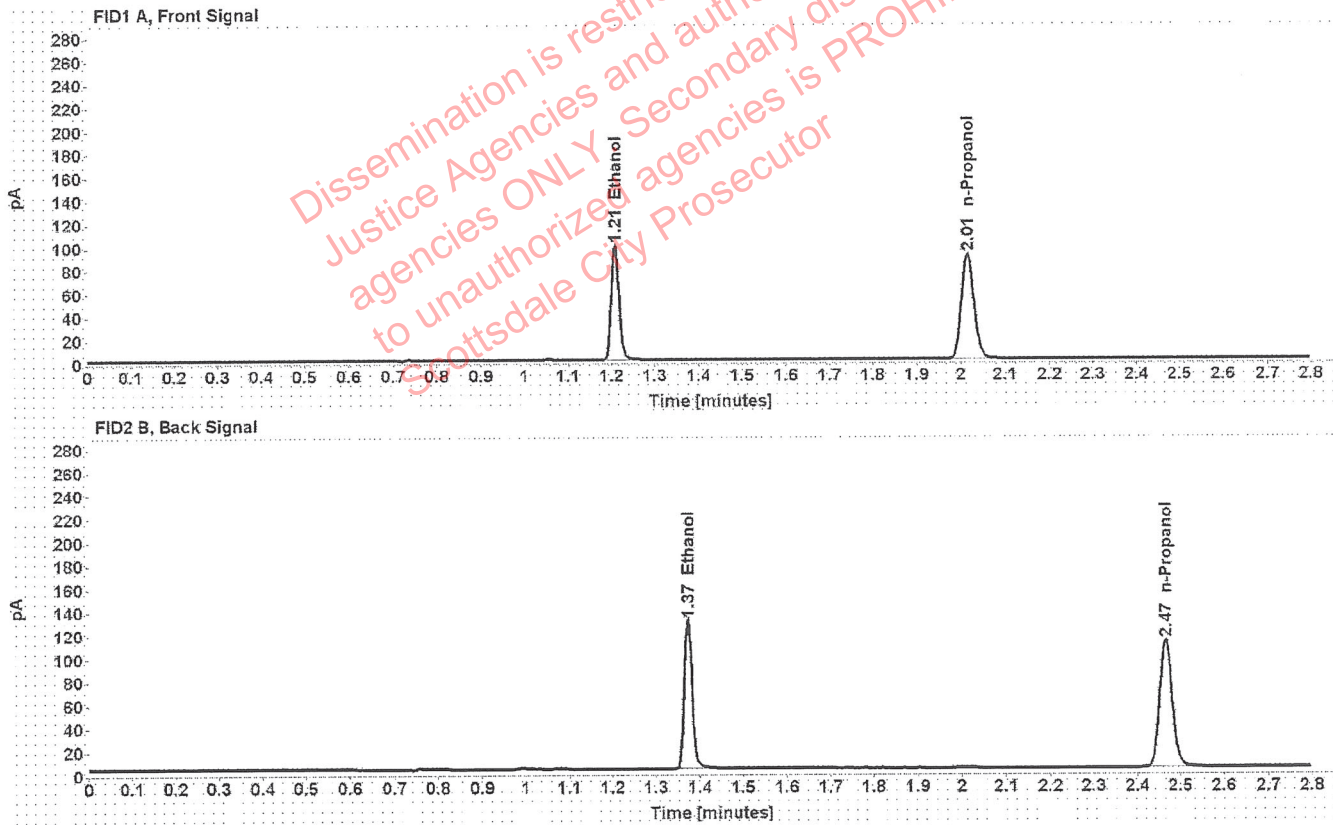


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1994	1.209	126.914
n-Propanol	-----	2.015	180.955

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

Compound	Time (min)	Peak Area
Ethanol	1.373	158.499
n-Propanol	2.466	222.324

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	03102016-A/1	Vial:	20
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	17Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/17/2020 1:22:05 PM
Data file:	C:\Chem321\Data\17Sep20\20.D	Analyst:	Canonico EC

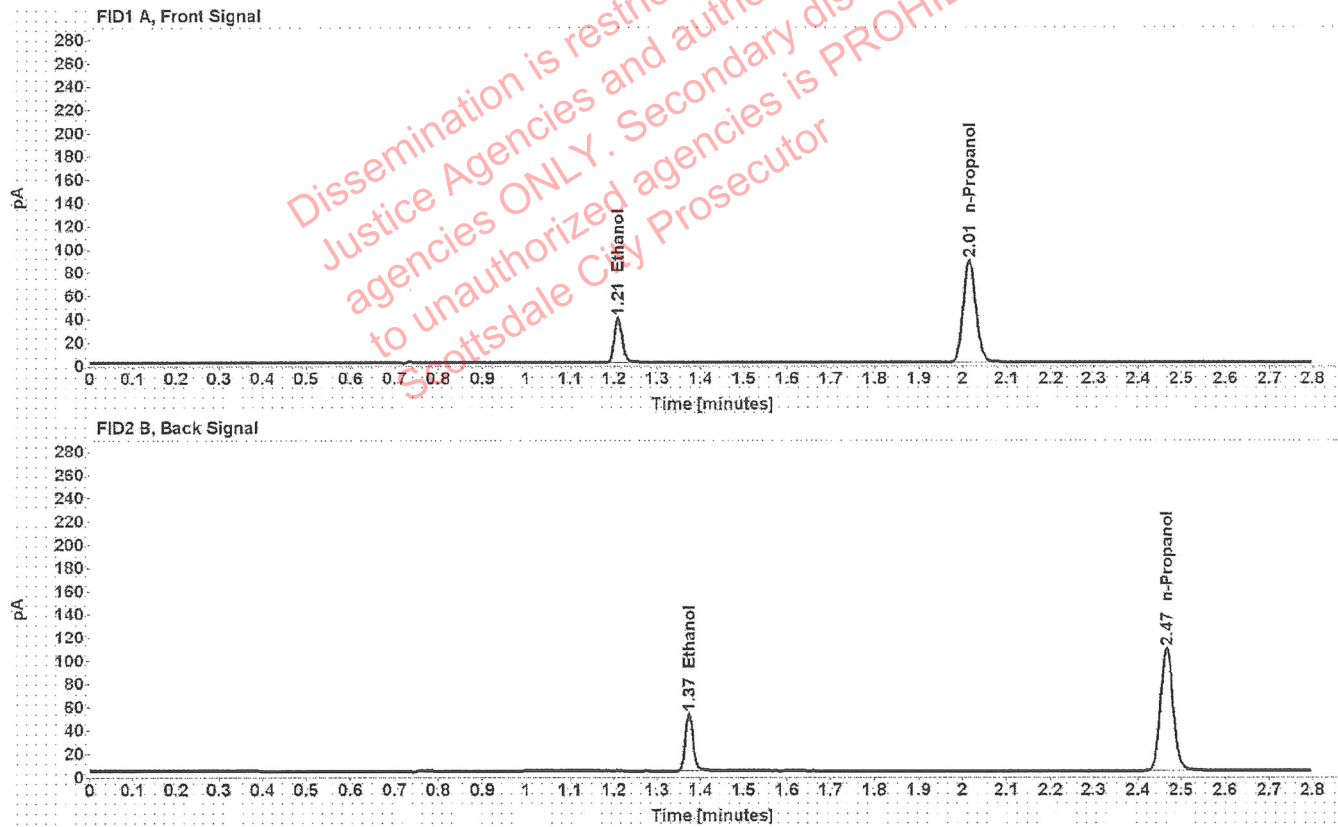


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0808	1.210	49.331
n-Propanol	-----	2.015	175.952

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

Compound	Time (min)	Peak Area
Ethanol	1.373	61.544
n-Propanol	2.466	215.872

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	407041529/13	Vial:	31
Description:	0.198	LIMS ID:	
Method:	ethanol quant.M	Sequence:	17Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/17/2020 2:06:34 PM
Data file:	C:\Chem32\1\Data\17Sep20\31.D	Analyst:	Canonico

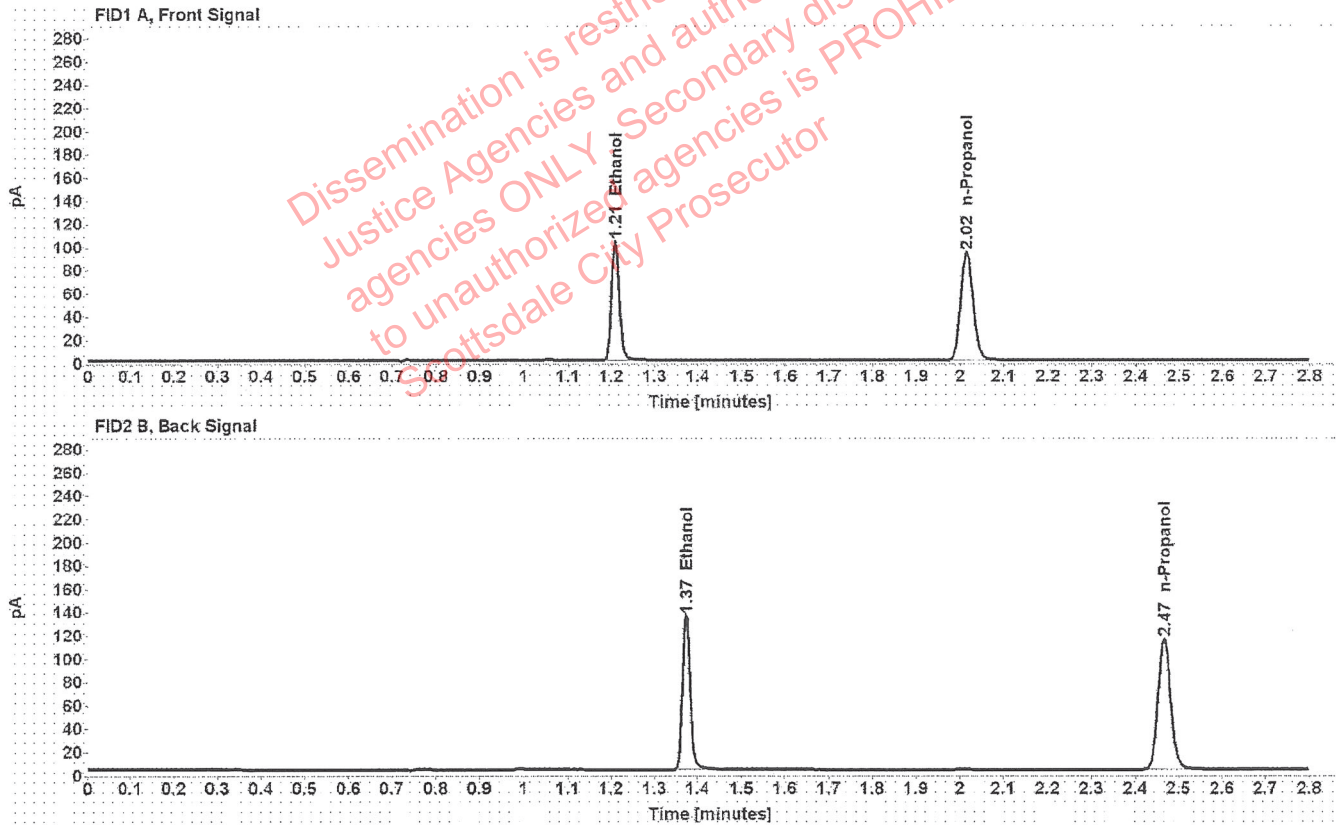


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2015	1.209	132.299
n-Propanol	-----	2.015	186.649

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

Compound	Time (min)	Peak Area
Ethanol	1.374	165.420
n-Propanol	2.467	228.906

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 42
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 17Sep20
Instrument: US14173023 CN14160045	Injection date: 9/17/2020 2:50:49 PM
Data file: C:\Chem32\1\Data\17Sep20\42.D	Analyst: Canonico <i>ec</i>

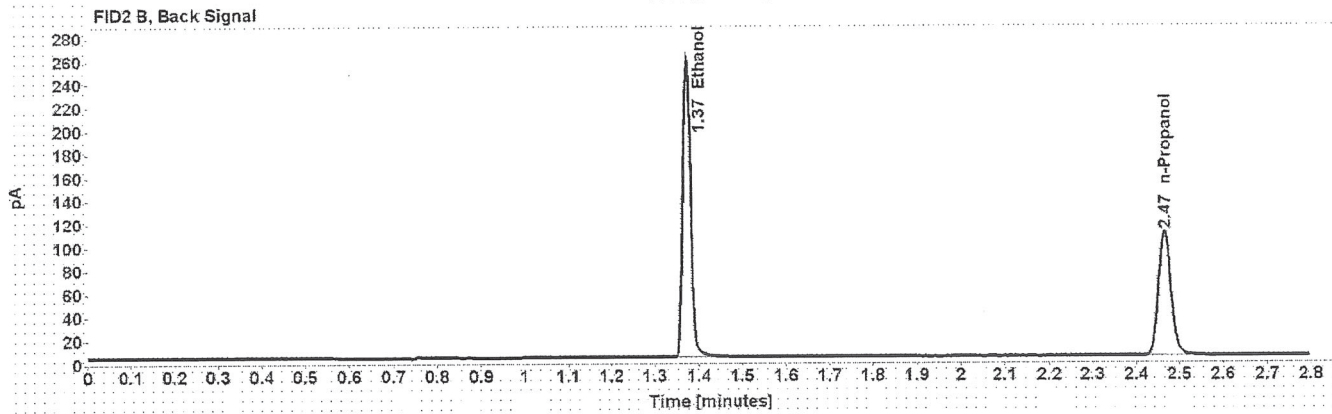
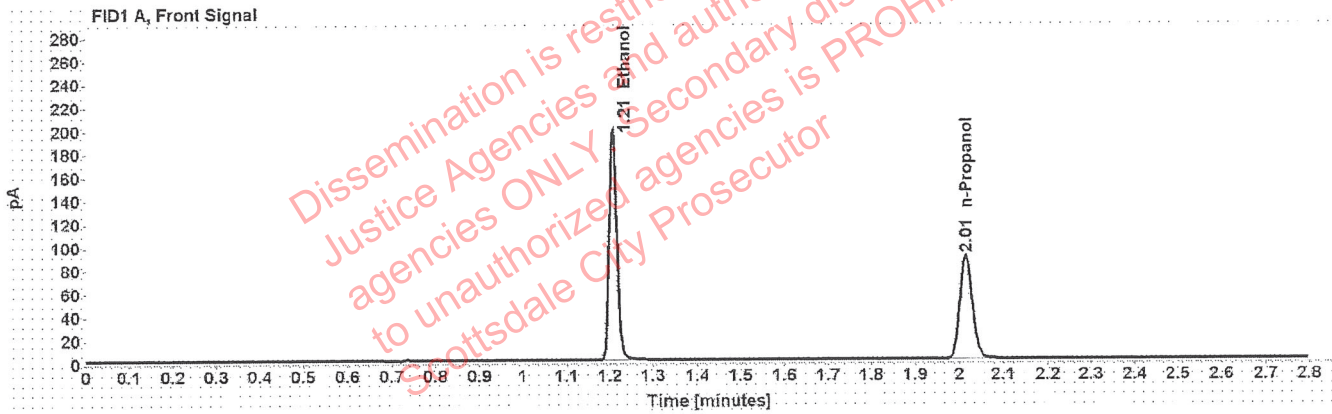


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4019	1.208	252.057
n-Propanol	-----	2.015	177.500

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

Compound	Time (min)	Peak Area
Ethanol	1.372	316.019
n-Propanol	2.466	218.092

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 43
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 17Sep20
Instrument: US14173023 CN14160045	Injection date: 9/17/2020 2:55:05 PM
Data file: C:\Chem32\1\Data\17Sep20\43.D	Analyst: Canonico <i>EQ</i>

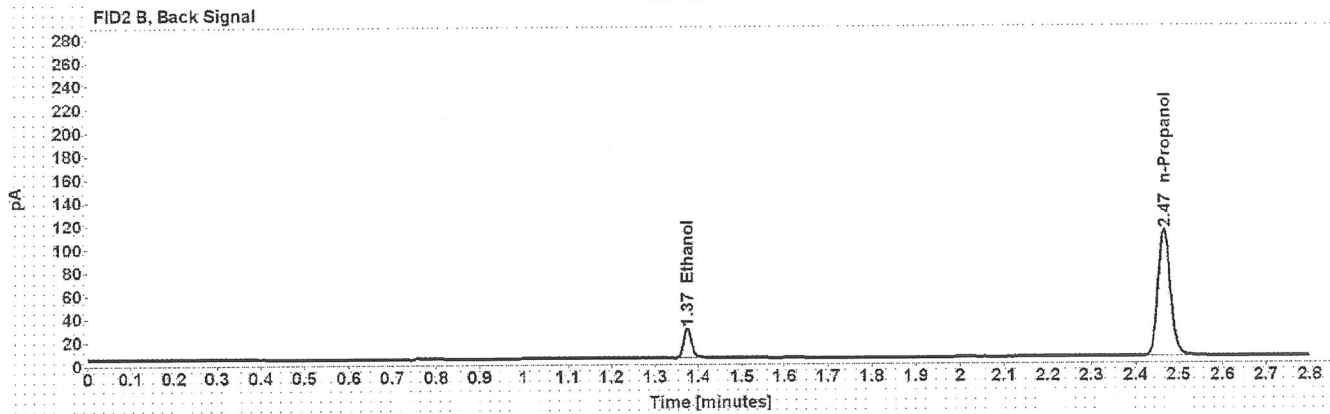


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0416	1.211	25.524
n-Propanol	-----	2.015	180.350

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

Compound	Time (min)	Peak Area
Ethanol	1.374	31.697
n-Propanol	2.466	220.984

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 407041529/13	Vial: 44
Description: 0.198	LIMS ID:
Method: ethanol quant.M	Sequence: 17Sep20
Instrument: US14173023 CN14160045	Injection date: 9/17/2020 2:59:05 PM
Data file: C:\Chem32\1\Data\17Sep20\44.D	Analyst: Canonico <i>EC</i>

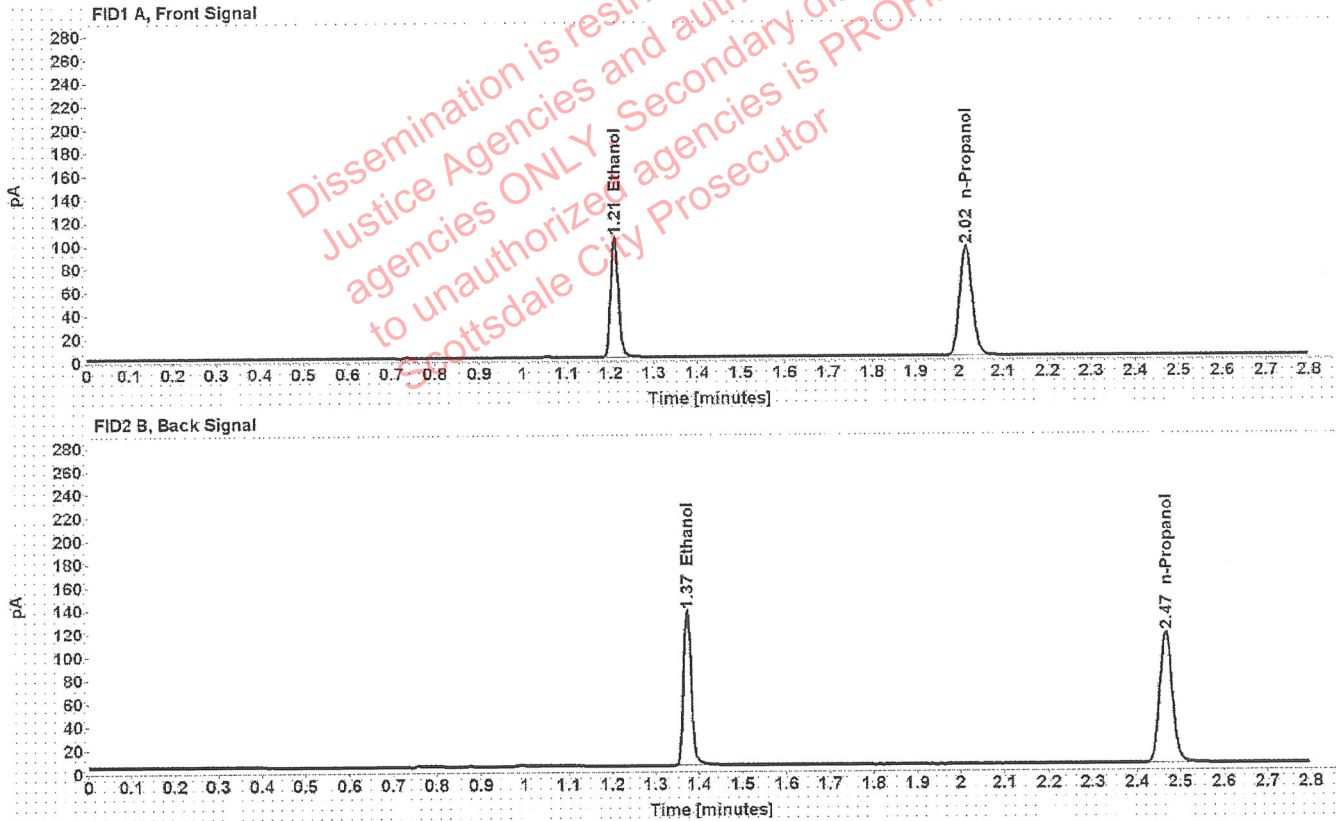


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2002	1.209	132.481
n-Propanol	-----	2.015	188.104

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

Compound	Time (min)	Peak Area
Ethanol	1.373	166.060
n-Propanol	2.466	230.947

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 040919WB	Vial: 45
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 17Sep20
Instrument: US14173023 CN14160045	Injection date: 9/17/2020 3:03:04 PM
Data file: C:\Chem32\1\Data\17Sep20\45.D	Analyst: Canonico <i>EC</i>

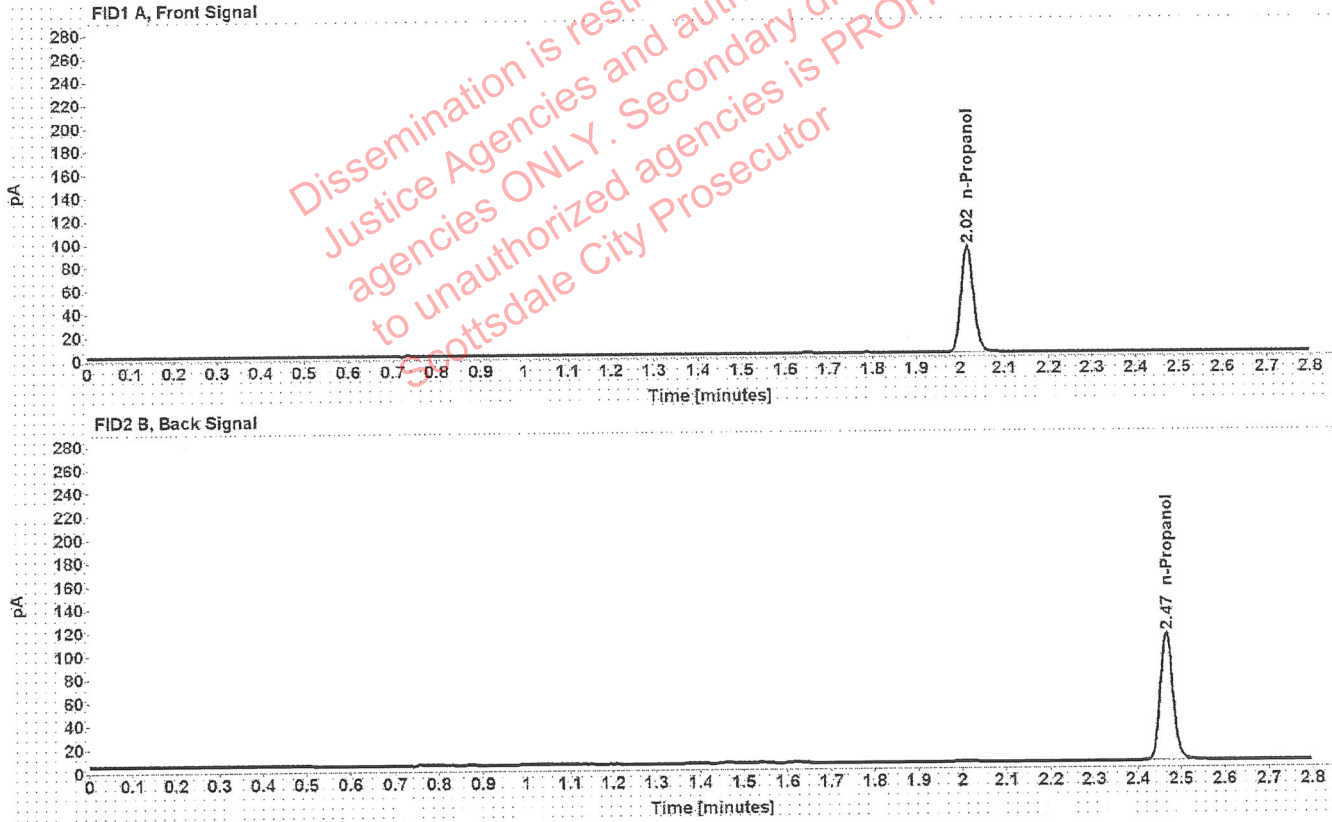


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	182.594

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

Compound	Time (min)	Peak Area
n-Propanol	2.466	224.302

Sequence Summary

Sequence name: 17Sep20 Instrument: US14173023 CN14160045 Analyst: Canonico

Vial	Sample	Description	Type	LIMS ID	Method
1	FN06141806	0.020 calibrator	Calibration		ethanol quant.M
2	FN02271802	0.100 calibrator	Calibration		ethanol quant.M
3	FN06231704	0.200 calibrator	Calibration		ethanol quant.M
4	FN05131606	0.400 calibrator	Calibration		ethanol quant.M
5	071420AQ	Negative	Control		ethanol quant.M
6	070819MIX	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	407041529/13	0.198	Control		ethanol quant.M
10	1143639		Sample		ethanol quant.M
11	1143639		Sample		ethanol quant.M
12	32701RE		Sample		ethanol quant.M
13	32701RE		Sample		ethanol quant.M
14	33601JM		Sample		ethanol quant.M
15	33601JM		Sample		ethanol quant.M
16	1333504		Sample		ethanol quant.M
17	1333504		Sample		ethanol quant.M
18	1000001		Sample		ethanol quant.M
19	1000001		Sample		ethanol quant.M
20	03102016-A/1	0.080	Control		ethanol quant.M
21	1000002		Sample		ethanol quant.M
22	1000002		Sample		ethanol quant.M
23	1000003		Sample		ethanol quant.M
24	1000003		Sample		ethanol quant.M
25	1000004		Sample		ethanol quant.M
26	1000004		Sample		ethanol quant.M
27	1337419		Sample		ethanol quant.M
28	1337419		Sample		ethanol quant.M
29	1302811		Sample		ethanol quant.M
30	1302811		Sample		ethanol quant.M
31	407041529/13	0.198	Control		ethanol quant.M
32	1335168		Sample		ethanol quant.M
33	1335168		Sample		ethanol quant.M
34	1334973		Sample		ethanol quant.M
35	1334973		Sample		ethanol quant.M
36	1336116		Sample		ethanol quant.M
37	1336116		Sample		ethanol quant.M
38	1337805		Sample		ethanol quant.M
39	1337805		Sample		ethanol quant.M
40	1337807		Sample		ethanol quant.M
41	1337807		Sample		ethanol quant.M
42	11092018-A	0.400	Control		ethanol quant.M
43	14082019-B	0.040	Control		ethanol quant.M
44	407041529/13	0.198	Control		ethanol quant.M
45	040919WB	Negative	Control		ethanol quant.M

Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 17Sep20

ANALYST: Canonico 

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1860	0.1841	0.18505	0.51	0.00095
12 13	0.1451	0.1475	0.14630	0.82	0.00120
14 15	0.2994	0.3009	0.30015	0.25	0.00075
16 17	0.1357	0.1338	0.13475	0.71	0.00095
18 19	0.3295	0.3281	0.32880	0.21	0.00070
21 22	0.0133	0.0131	0.01320	0.76	0.00010
23 24	0.1091	0.1080	0.10855	0.51	0.00055
25 26	0.2765	0.2766	0.27655	0.02	0.00005
27 28	0.2880	0.2876	0.28780	0.07	0.00020
29 30	0.0988	0.0988	0.09880	0.00	0.00000
32 33	0.1350	0.1340	0.13450	0.37	0.00050
34 35	0.2103	0.2109	0.21060	0.14	0.00030
36 37	0.2046	0.2056	0.20510	0.24	0.00050
38 39	0.0870	0.0866	0.08680	0.23	0.00020
40 41	0.1854	0.1828	0.18410	0.71	0.00130

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

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1143639	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/17/2020 12:41:35 PM
Data file:	C:\Chem32\1\Data\17Sep20\10.D	Analyst:	Canonico

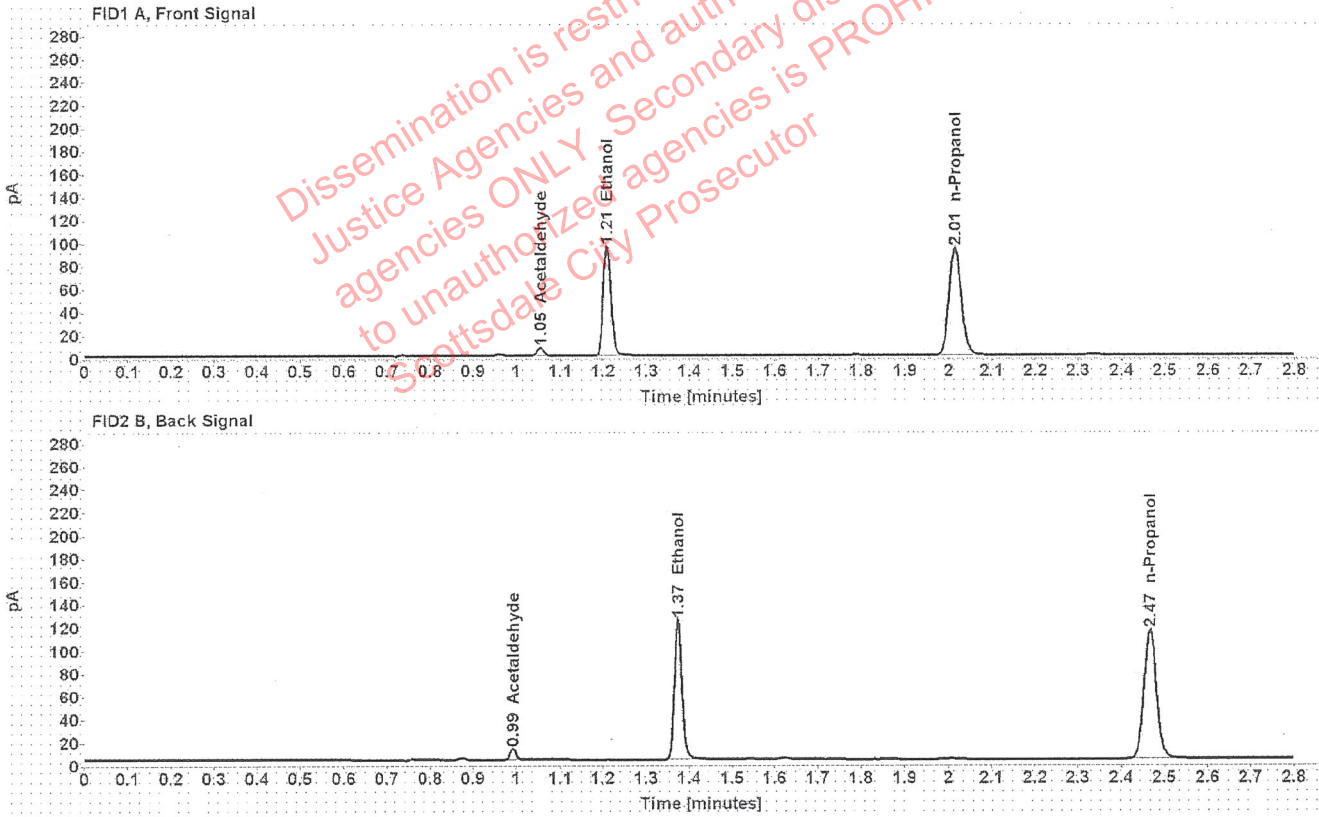


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	7.246
>Ethanol	0.1860	1.209	121.335
n-Propanol	-----	2.015	185.553

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	9.451
Ethanol	1.373	151.537
n-Propanol	2.466	228.931

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1143639	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/17/2020 12:45:35 PM
Data file:	C:\Chem32\11\Data\17Sep20\11.D	Analyst:	Canonico

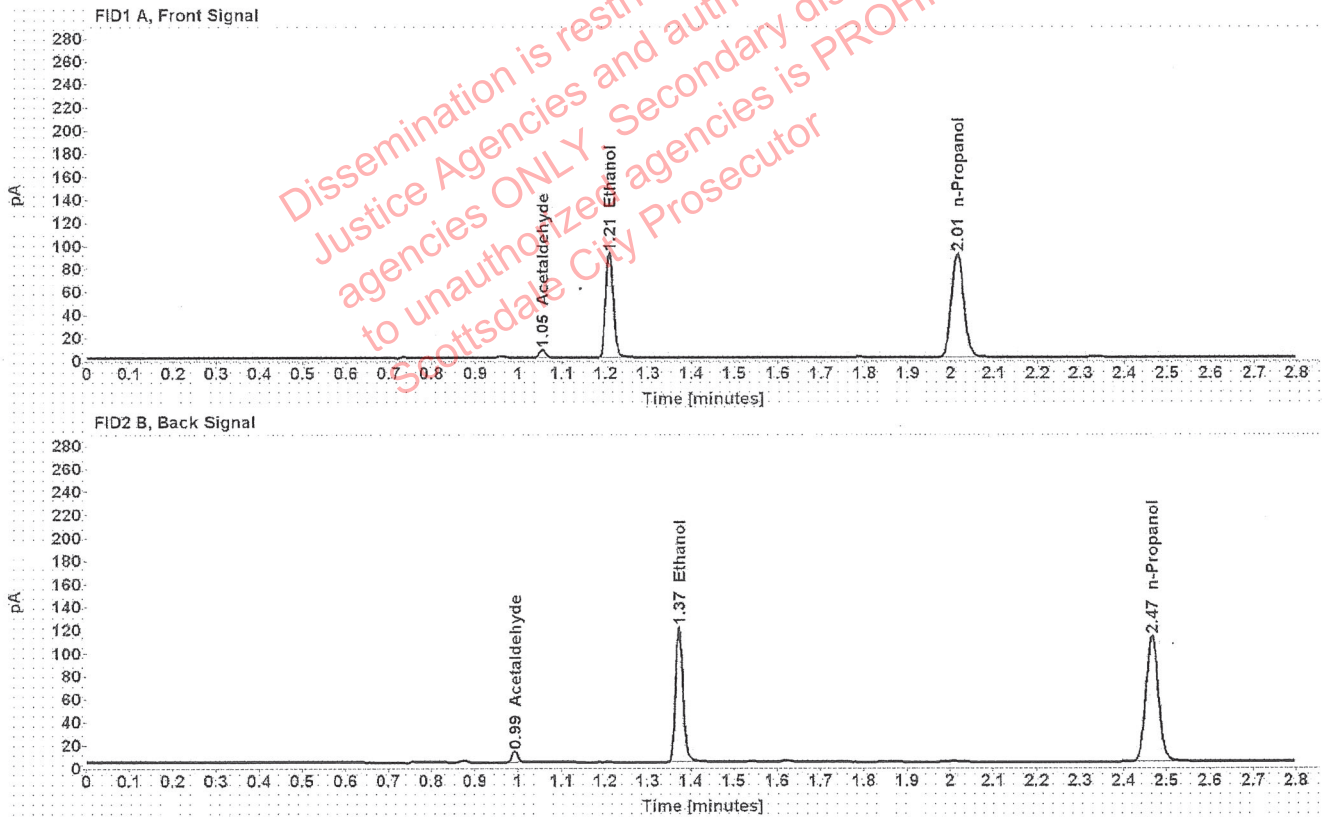


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	7.206
>Ethanol	0.1841	1.209	116.879
n-Propanol	-----	2.015	180.597

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	9.424
Ethanol	1.373	146.024
n-Propanol	2.466	222.962

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701RE	Vial:	12
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	17Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/17/2020 12:49:36 PM
Data file:	C:\Chem32\1\Data\17Sep20\12.D	Analyst:	Canonico

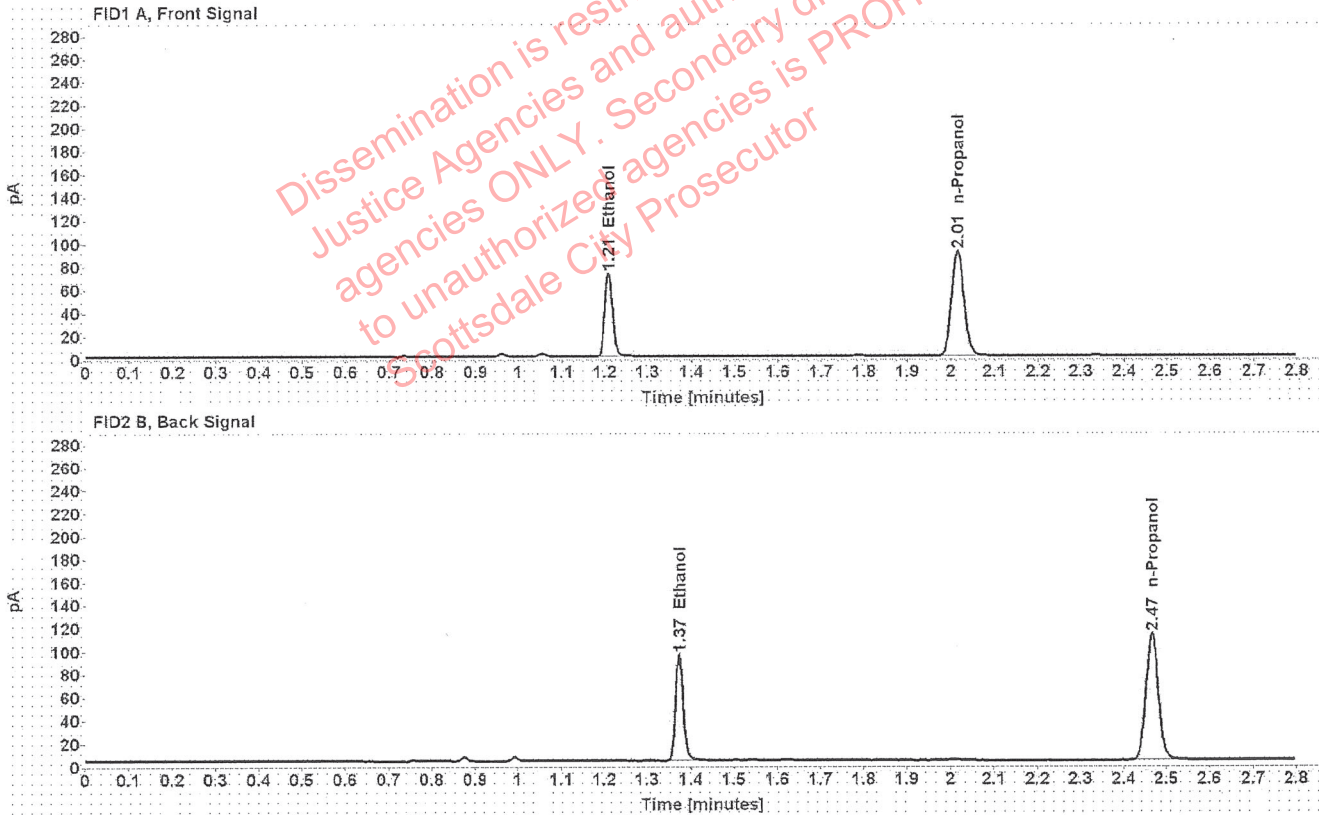


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1451	1.209	92.250
n-Propanol	-----	2.015	181.348

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

Compound	Time (min)	Peak Area
Ethanol	1.373	115.318
n-Propanol	2.466	223.345

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701RE	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/17/2020 12:53:50 PM
Data file:	C:\Chem32\11\Data\17Sep20\13.D	Analyst:	Canonico

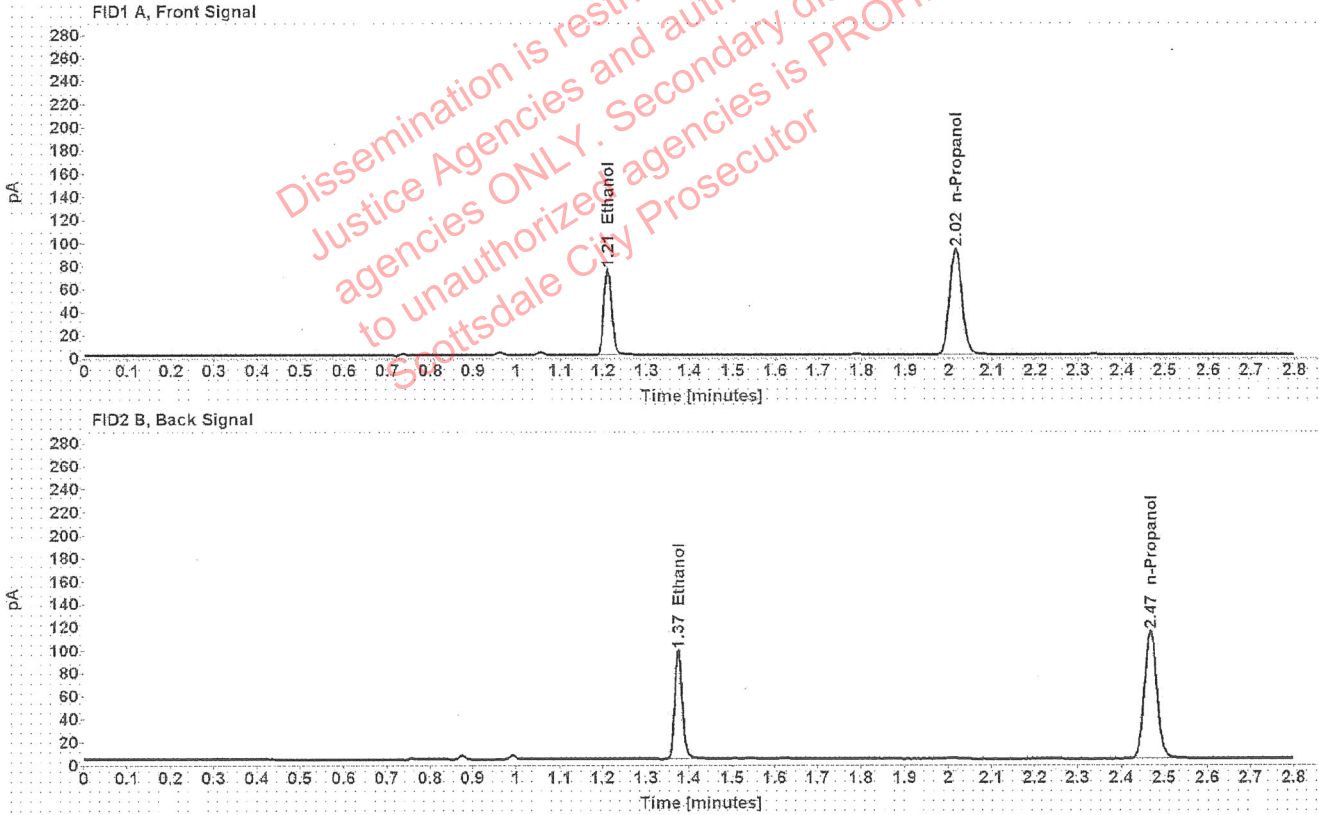


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1475	1.210	94.967
n-Propanol	-----	2.016	183.569

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

Compound	Time (min)	Peak Area
Ethanol	1.375	118.173
n-Propanol	2.468	225.990

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33601JM	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/17/2020 12:57:50 PM
Data file:	C:\Chem32\1\Data\17Sep20\14.D	Analyst:	Canonico

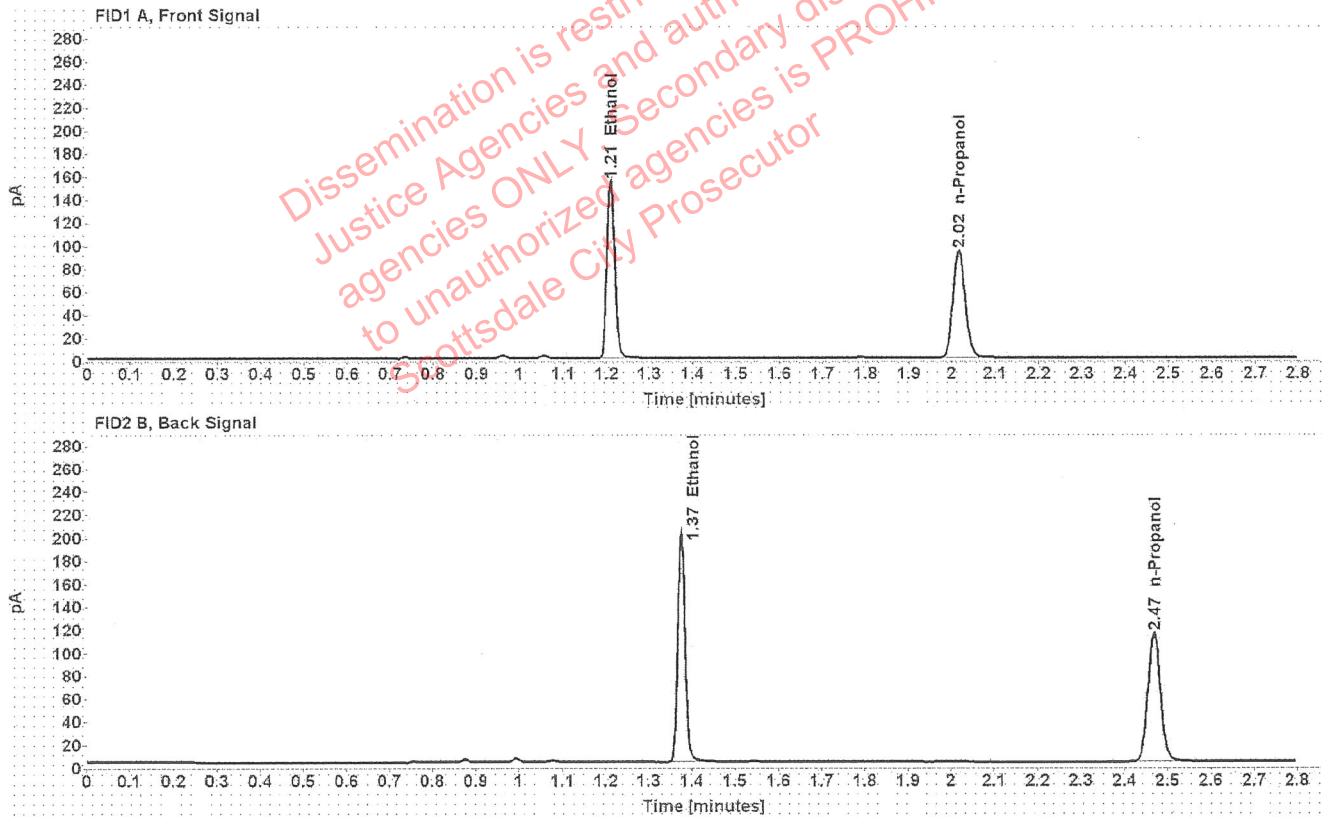


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2994	1.210	196.408
n-Propanol	-----	2.016	185.939

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

Compound	Time (min)	Peak Area
Ethanol	1.375	245.744
n-Propanol	2.468	227.418

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33601JM	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/17/2020 1:01:50 PM
Data file:	C:\Chem32\1\Data\17Sep20\15.D	Analyst:	Canonico

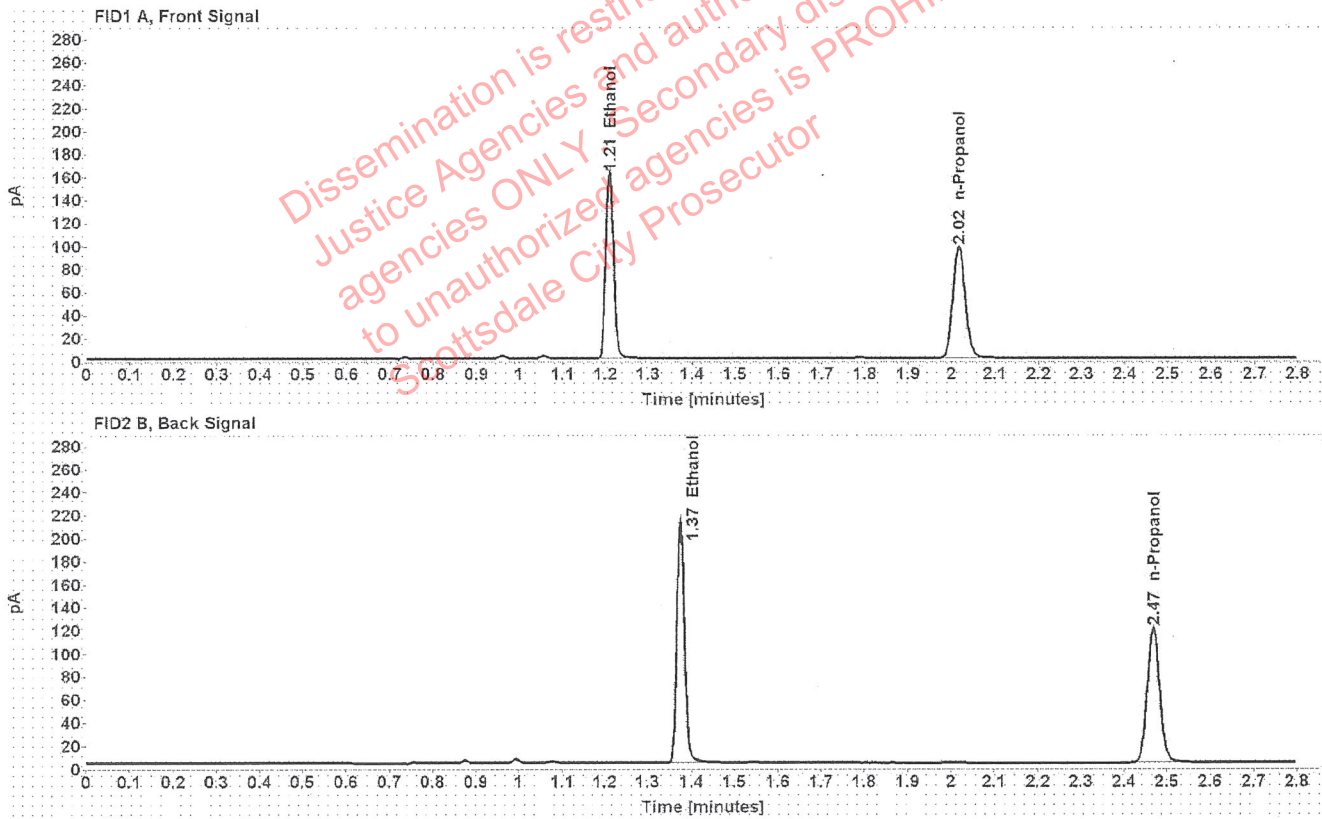


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3009	1.210	205.707
n-Propanol	-----	2.016	193.805

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

Compound	Time (min)	Peak Area
Ethanol	1.375	257.507
n-Propanol	2.468	237.151

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1333504	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/17/2020 1:05:49 PM
Data file:	C:\Chem321\Data\17Sep20\16.D	Analyst:	Canonico

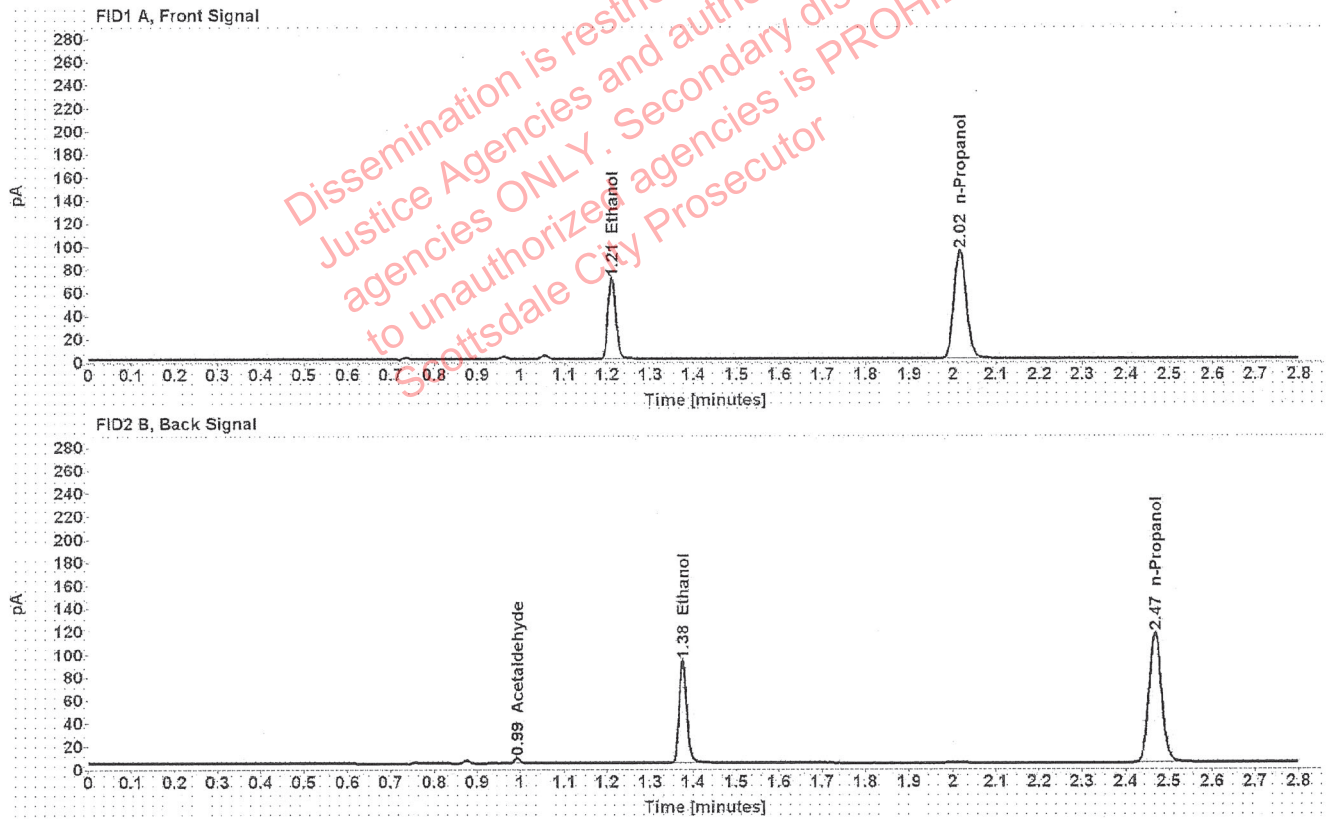


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1357	1.210	89.142
n-Propanol	-----	2.016	187.570

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.221
Ethanol	1.375	110.906
n-Propanol	2.468	230.439

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1333504	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/17/2020 1:09:49 PM
Data file:	C:\Chem32\11\Data\17Sep20\17.D	Analyst:	Canonico

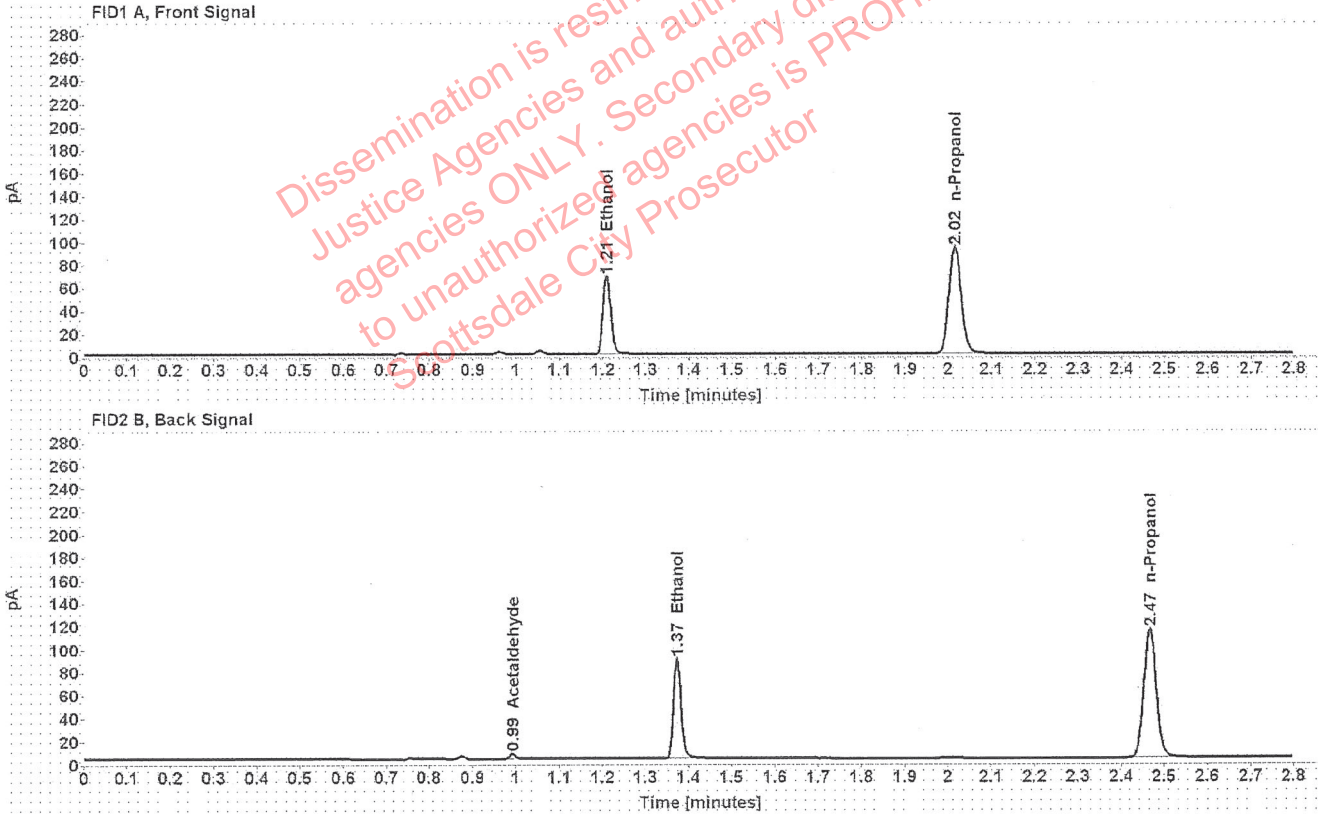


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1338	1.209	86.943
n-Propanol	-----	2.015	185.512

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.334
Ethanol	1.373	108.117
n-Propanol	2.466	227.824

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1000001	Vial: 18
Description: Unknown,	LIMS ID: XXXXXXXXXX
Method: ethanol quant.M	Sequence: 17Sep20
Instrument: US14173023 CN14160045	Injection date: 9/17/2020 1:13:51 PM
Data file: C:\Chem32\1\Data\17Sep20\18.D	Analyst: Canonico

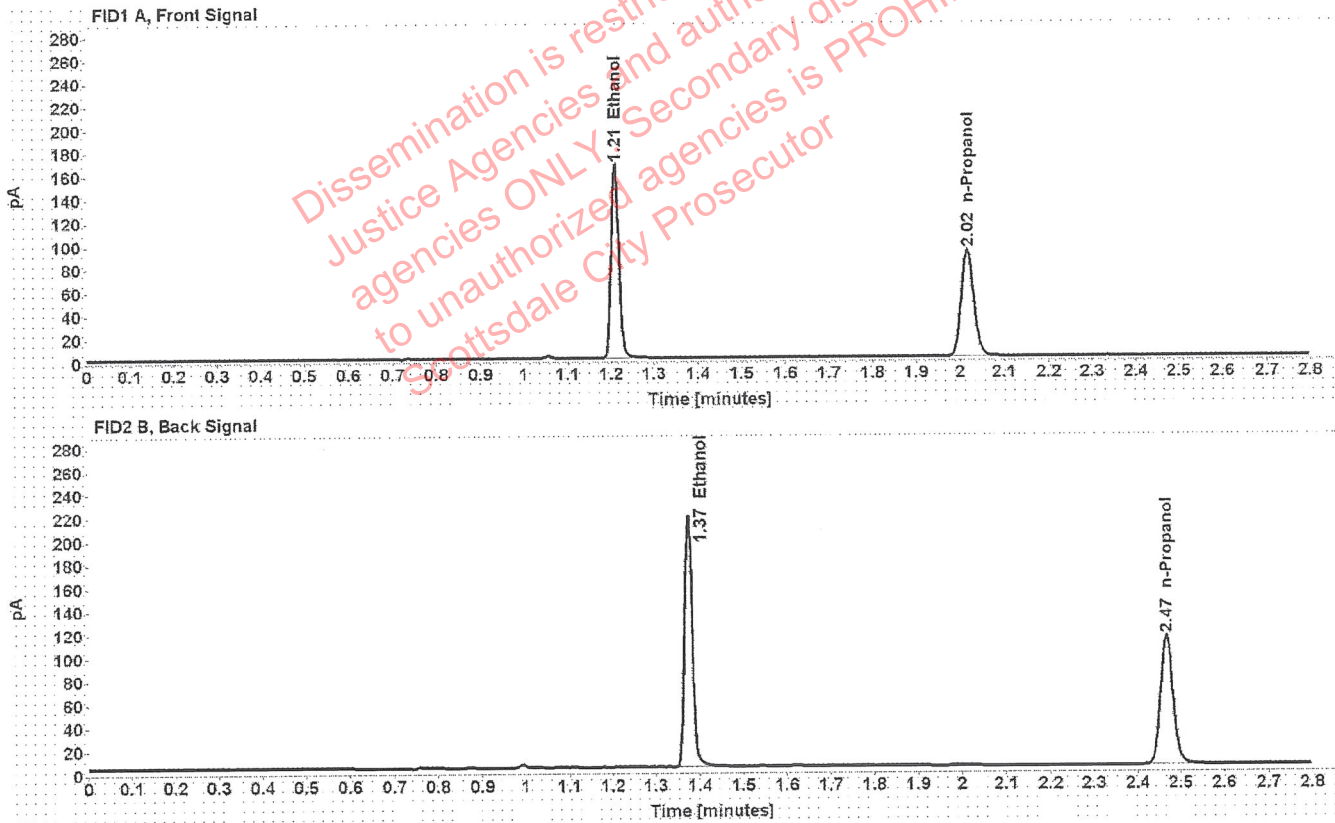


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3295	1.209	212.914
n-Propanol	-----	2.016	183.045

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

Compound	Time (min)	Peak Area
Ethanol	1.374	266.450
n-Propanol	2.467	224.397

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 100001	Vial: 19
Description: Unknown,	LIMS ID: XXXXXXXXXX
Method: ethanol quant.M	Sequence: 17Sep20
Instrument: US14173023 CN14160045	Injection date: 9/17/2020 1:18:04 PM
Data file: C:\Chem32\1\Data\17Sep20\19.D	Analyst: Canonico

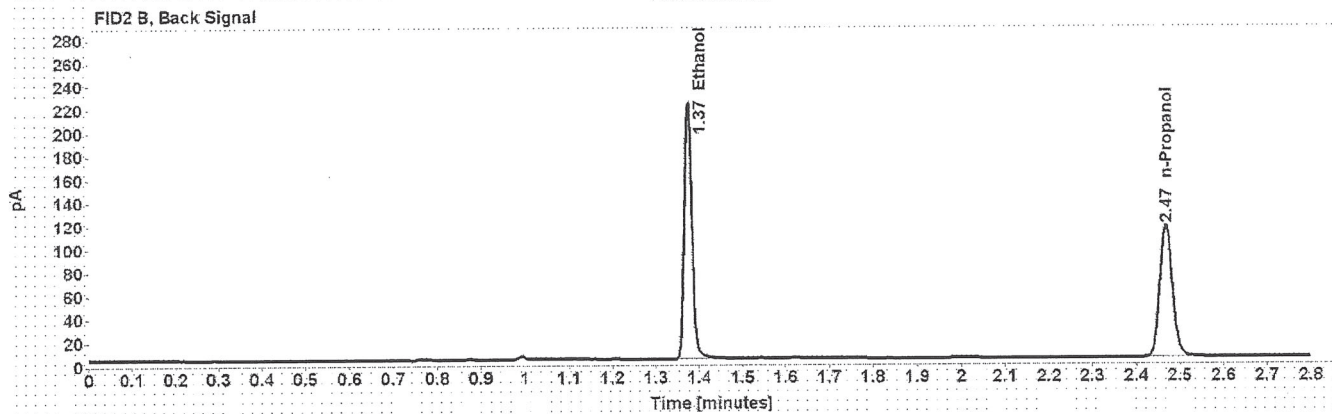
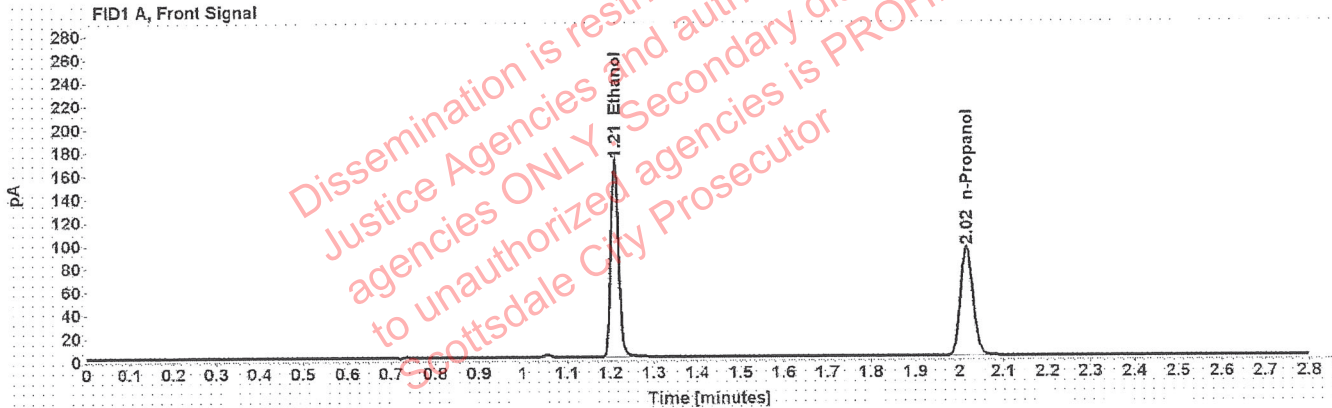


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3281	1.210	216.625
n-Propanol	-----	2.016	187.058

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

Compound	Time (min)	Peak Area
Ethanol	1.375	270.944
n-Propanol	2.468	229.348

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1000002	Vial:	21
Description:	Unknown,	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/17/2020 1:26:05 PM
Data file:	C:\Chem32\1\Data\17Sep20\21.D	Analyst:	Canonico

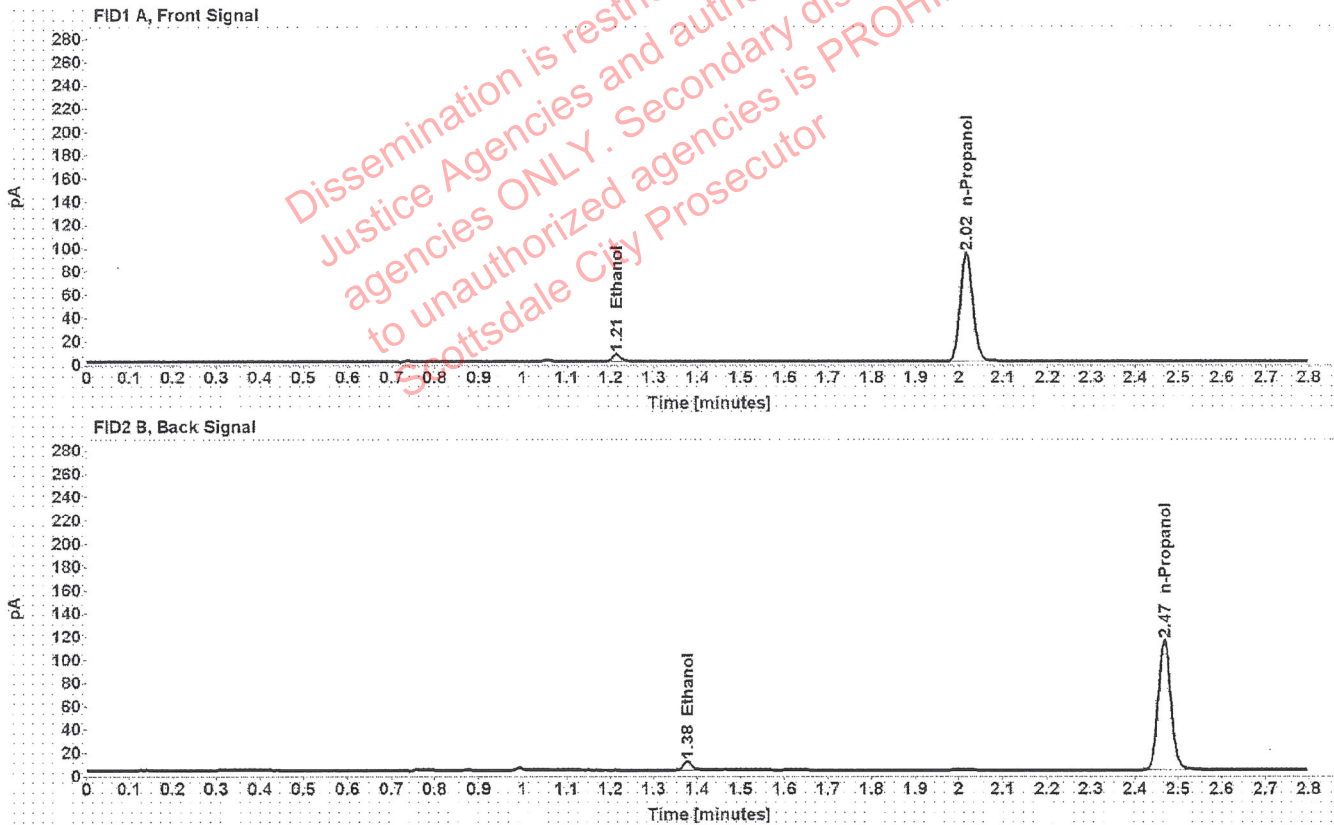


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0133	1.213	7.665
n-Propanol	-----	2.016	186.176

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

Compound	Time (min)	Peak Area
Ethanol	1.377	9.858
n-Propanol	2.468	228.249

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1000002	Vial: 22
Description: Unknown,	LIMS ID: XXXXXXXXXX
Method: ethanol quant.M	Sequence: 17Sep20
Instrument: US14173023 CN14160045	Injection date: 9/17/2020 1:30:06 PM
Data file: C:\Chem32\1\Data\17Sep20\22.D	Analyst: Canonico

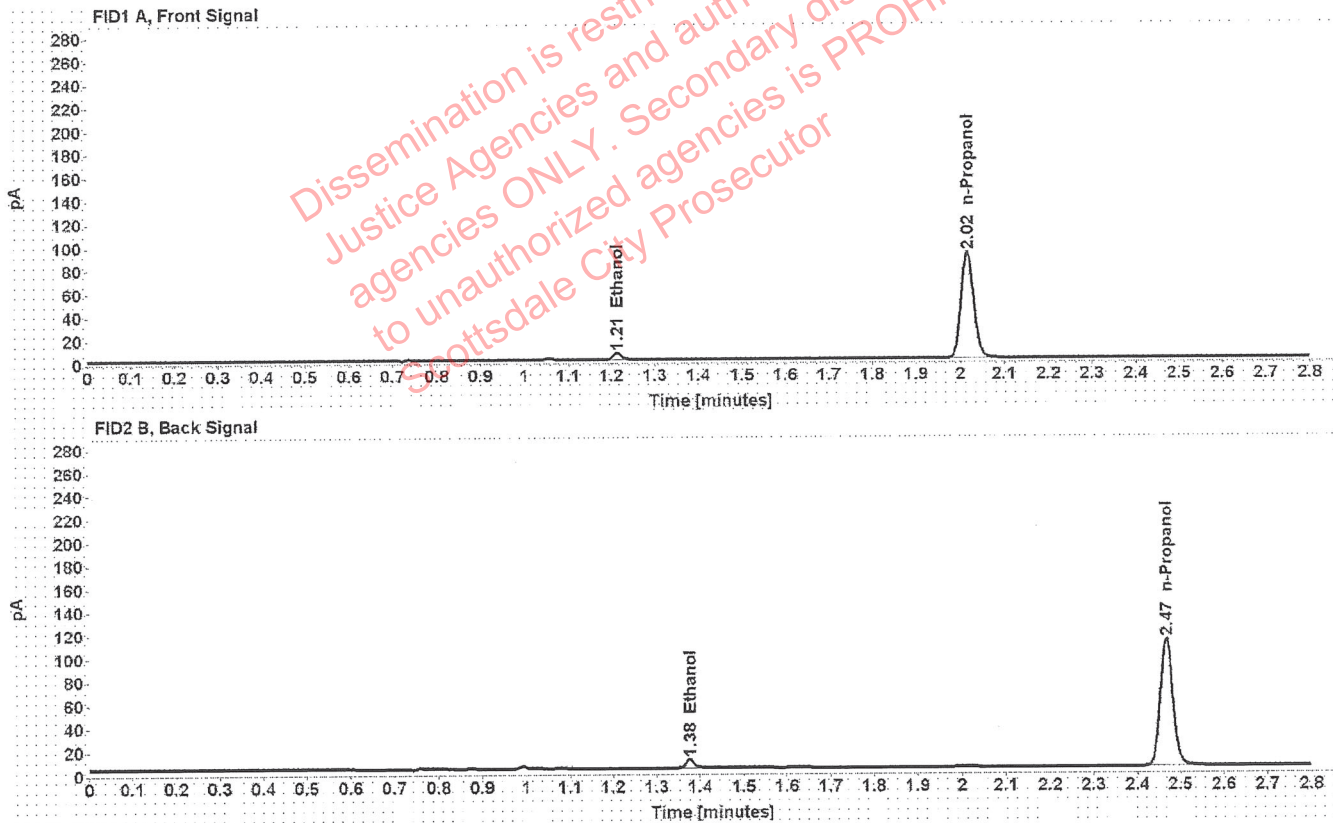


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0131	1.213	7.347
n-Propanol	-----	2.016	182.036

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

Compound	Time (min)	Peak Area
Ethanol	1.376	9.545
n-Propanol	2.467	223.395

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1000003	Vial:	23
Description:	Unknown,	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/17/2020 1:34:05 PM
Data file:	C:\Chem32\1\Data\17Sep20\23.D	Analyst:	Canonico

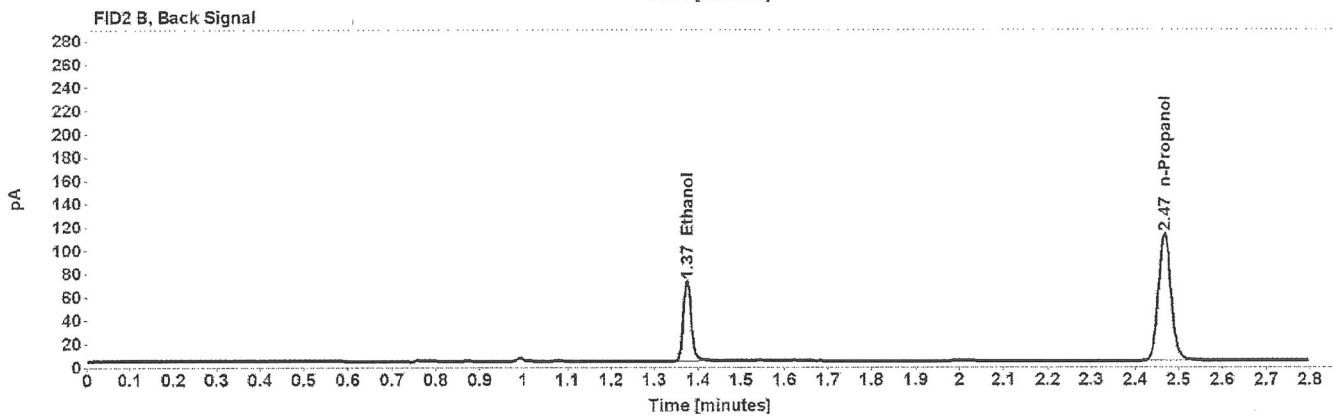
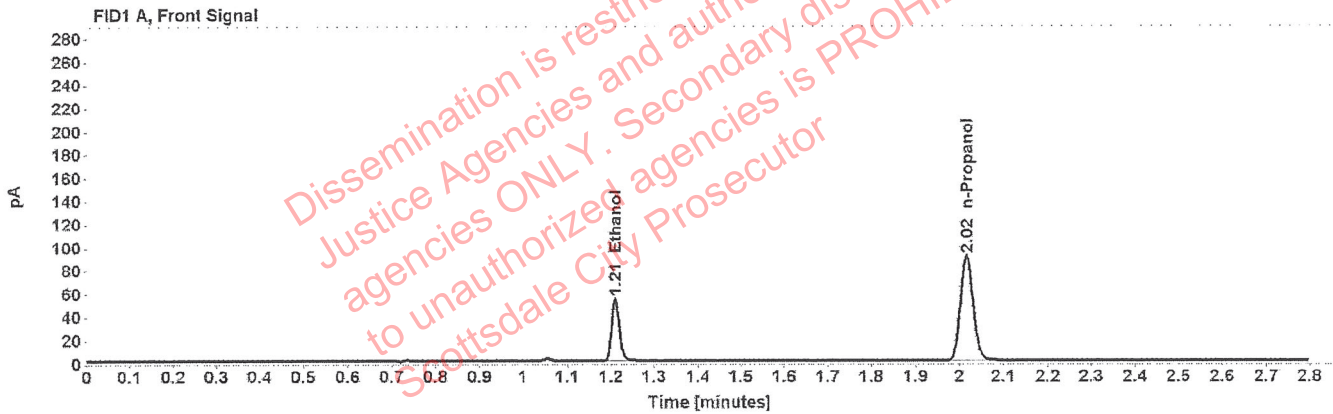


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1091	1.210	69.006
n-Propanol	-----	2.016	181.201

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

Compound	Time (min)	Peak Area
Ethanol	1.375	85.866
n-Propanol	2.467	221.812

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1000003	Vial: 24
Description: Unknown,	LIMS ID: XXXXXXXXXX
Method: ethanol quant.M	Sequence: 17Sep20
Instrument: US14173023 CN14160045	Injection date: 9/17/2020 1:38:06 PM
Data file: C:\Chem32\1\Data\17Sep20\24.D	Analyst: Canonico

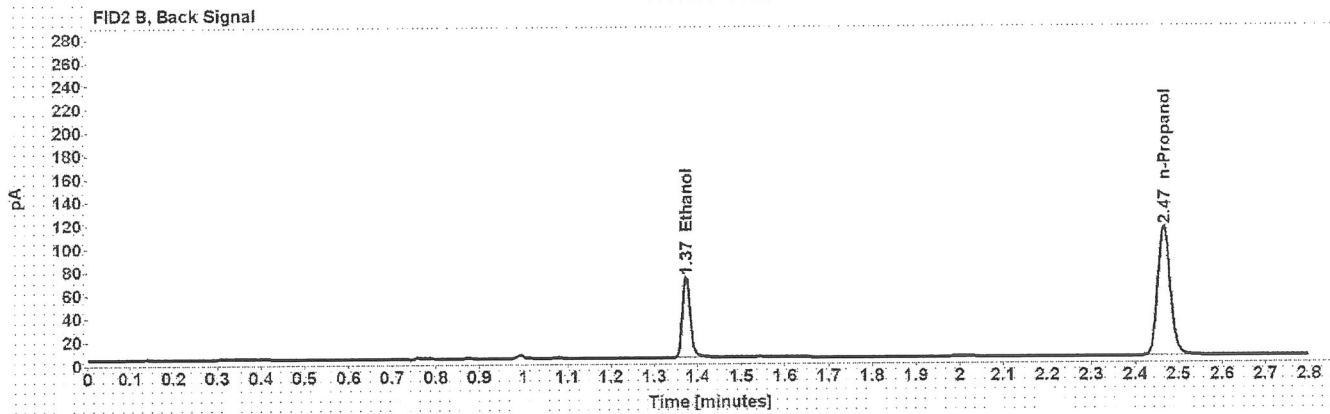
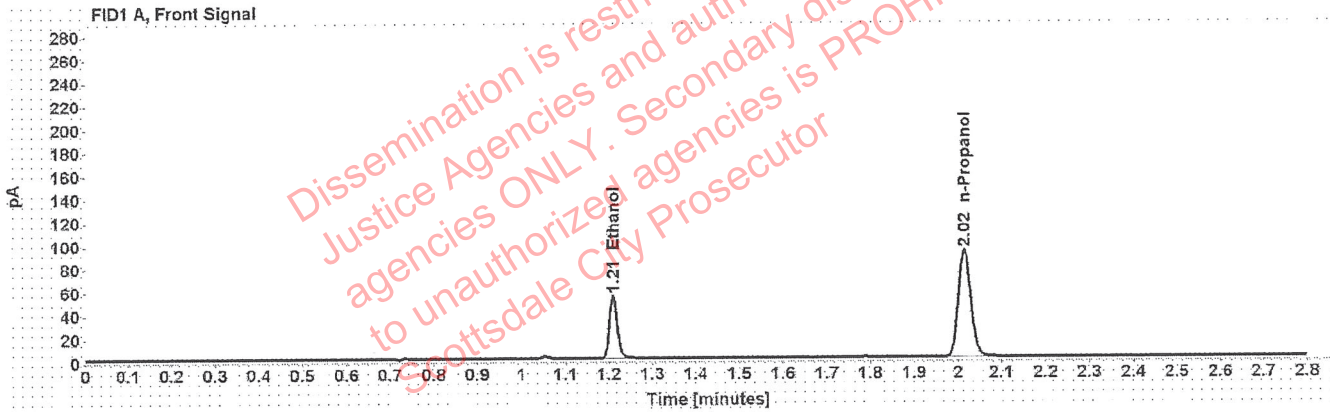


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1080	1.210	69.250
n-Propanol	-----	2.015	183.585

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

Compound	Time (min)	Peak Area
Ethanol	1.373	86.230
n-Propanol	2.466	224.841

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1000004	Vial:	25
Description:	Unknown,	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/17/2020 1:42:20 PM
Data file:	C:\Chem32\1\Data\17Sep20\25.D	Analyst:	Canonico

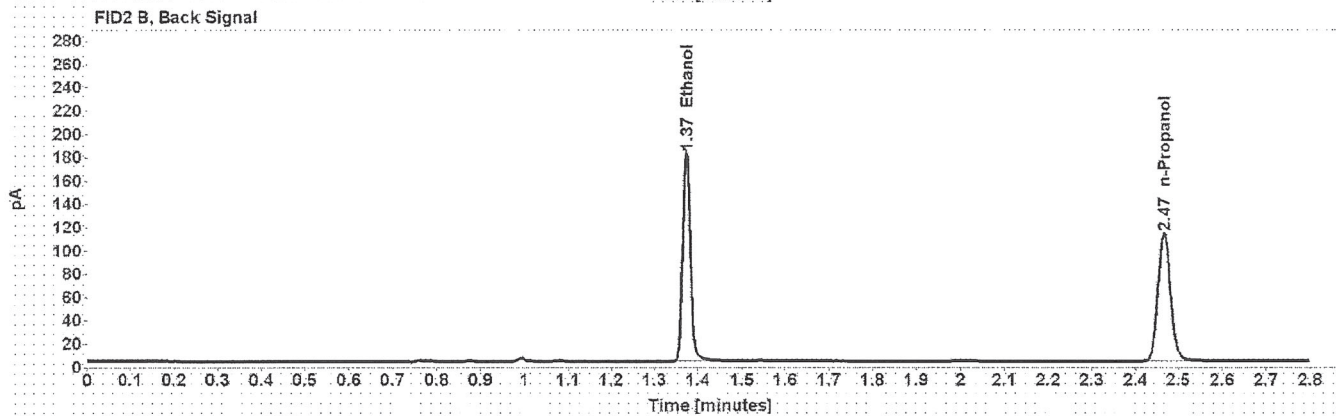
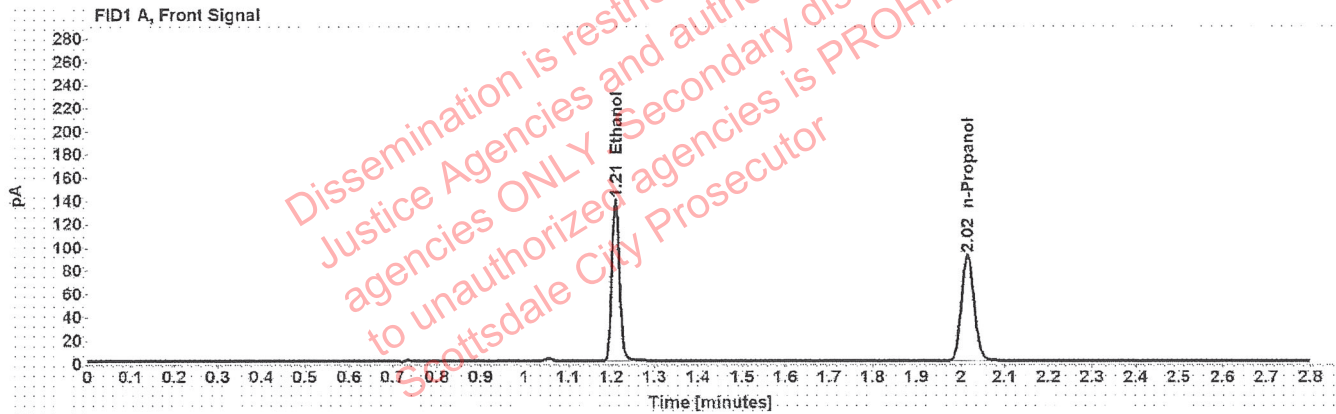


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2765	1.209	177.216
n-Propanol	-----	2.015	181.801

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

Compound	Time (min)	Peak Area
Ethanol	1.374	221.603
n-Propanol	2.467	222.612

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1000004	Vial: 26
Description: Unknown,	LIMS ID: ██████████
Method: ethanol quant.M	Sequence: 17Sep20
Instrument: US14173023 CN14160045	Injection date: 9/17/2020 1:46:19 PM
Data file: C:\Chem32\1\Data\17Sep20\26.D	Analyst: Canonico

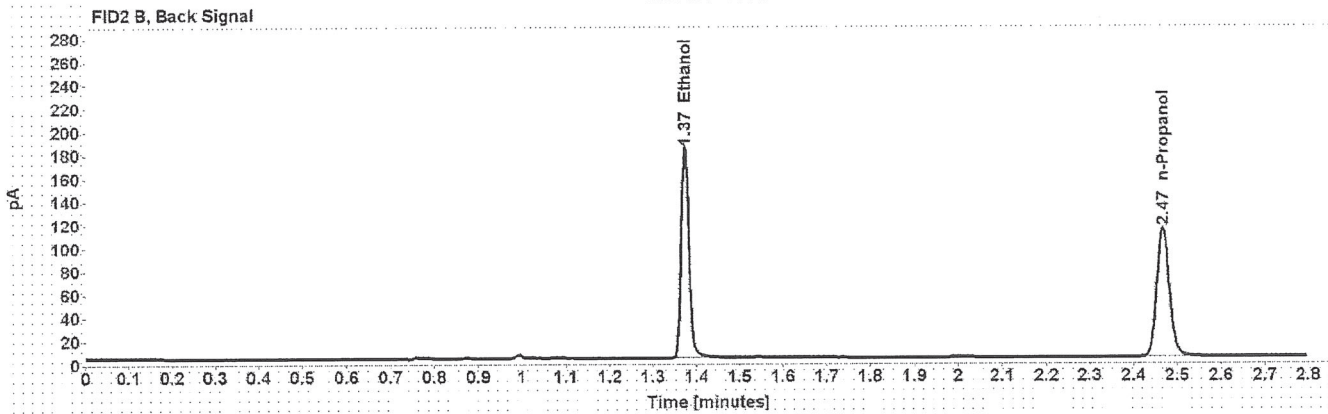
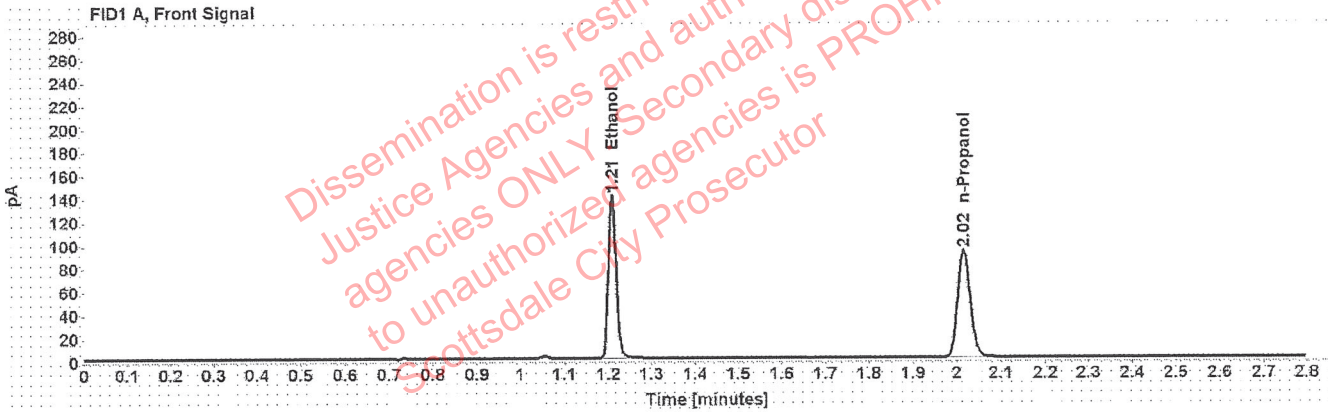


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2766	1.209	179.423
n-Propanol	-----	2.016	183.938

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

Compound	Time (min)	Peak Area
Ethanol	1.374	224.653
n-Propanol	2.467	225.266

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1337419	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/17/2020 1:50:20 PM
Data file:	C:\Chem32\1\Data\17Sep20\27.D	Analyst:	Canonico

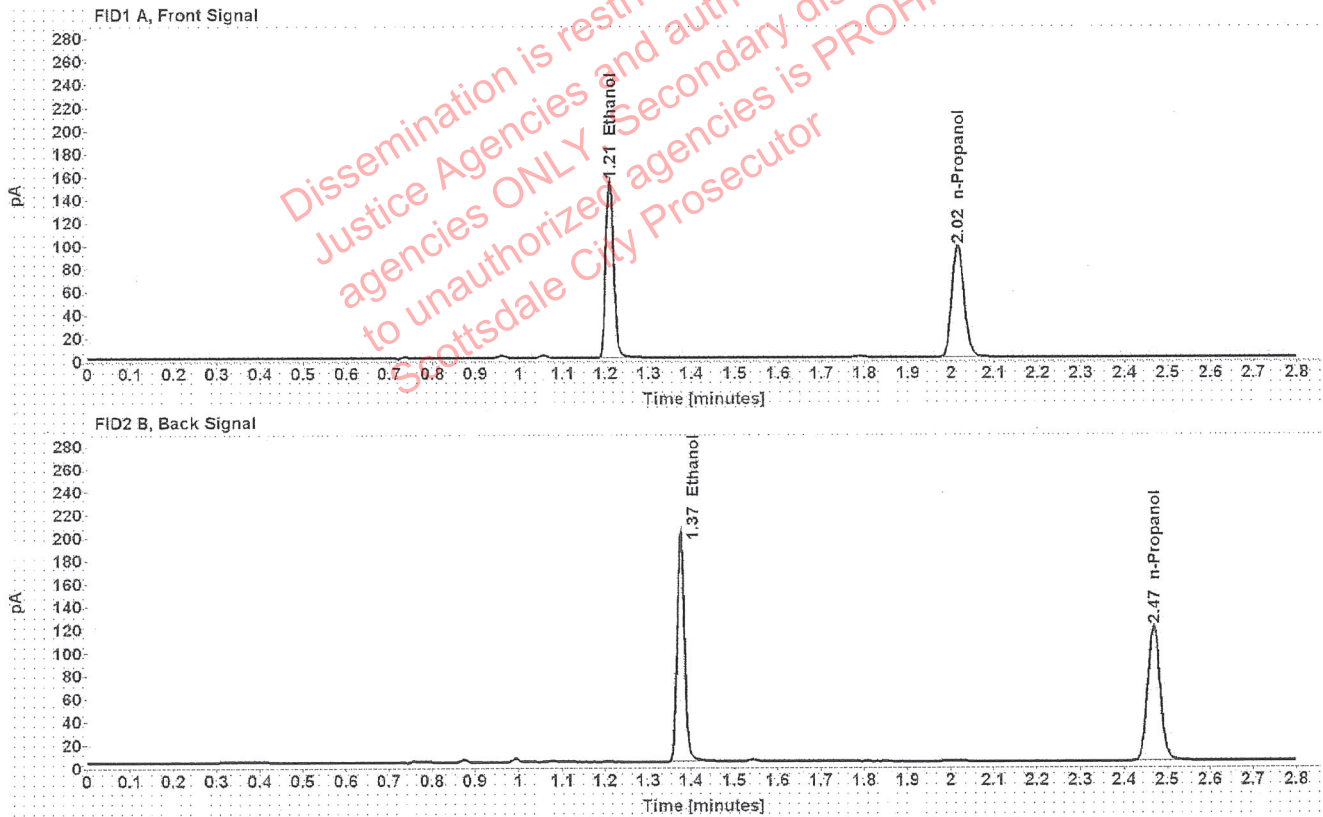


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2880	1.210	196.764
n-Propanol	-----	2.016	193.727

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

Compound	Time (min)	Peak Area
Ethanol	1.375	245.980
n-Propanol	2.468	237.570

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1337419	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/17/2020 1:54:20 PM
Data file:	C:\Chem32\1\Data\17Sep20\28.D	Analyst:	Canonico

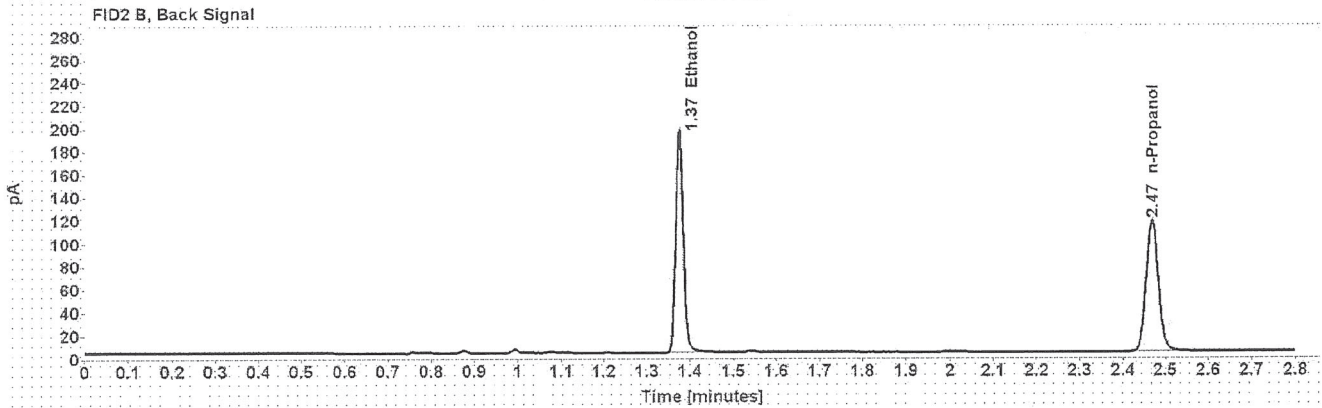
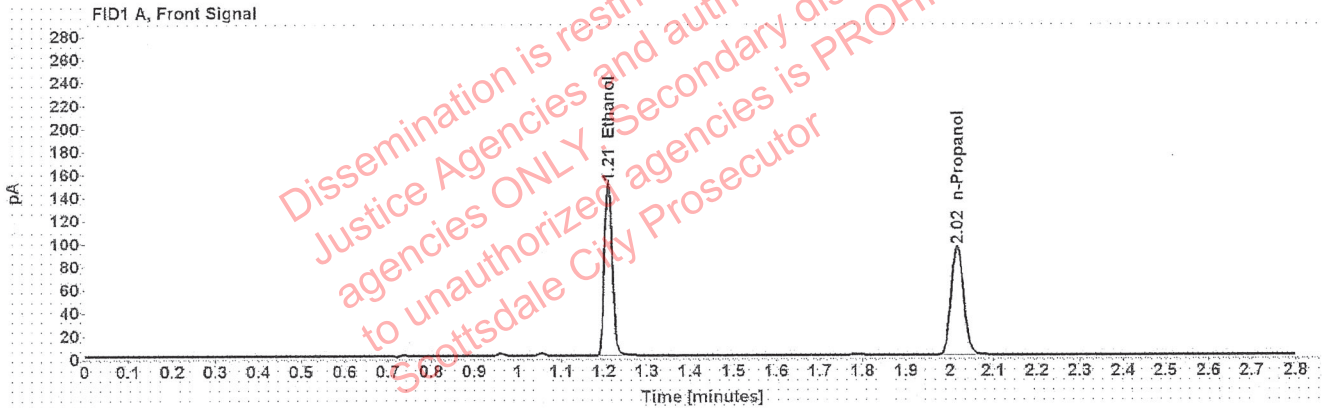


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2876	1.210	191.075
n-Propanol	-----	2.016	188.376

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

Compound	Time (min)	Peak Area
Ethanol	1.375	238.853
n-Propanol	2.468	230.859

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1302811	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/17/2020 1:58:20 PM
Data file:	C:\Chem32\1\Data\17Sep20\29.D	Analyst:	Canonico

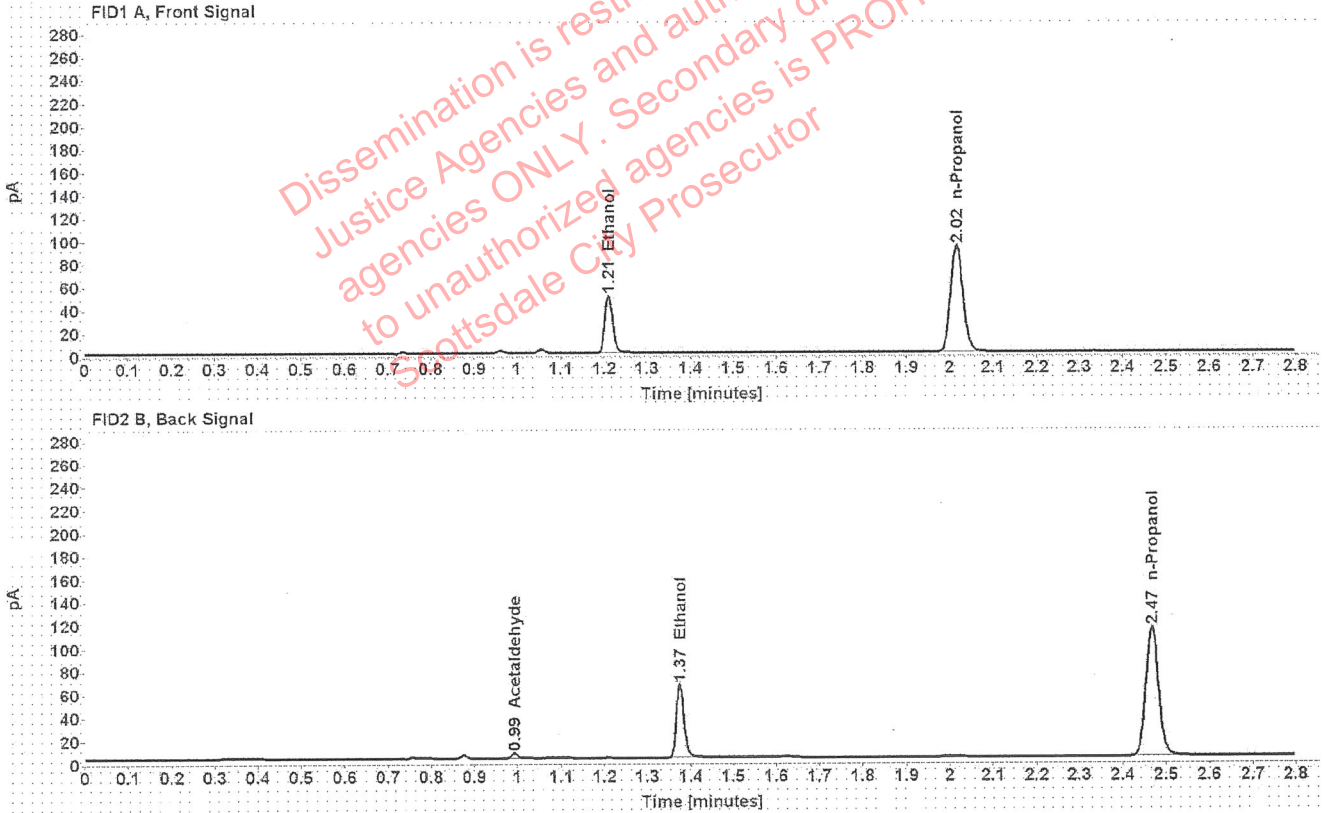


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0988	1.210	63.744
n-Propanol	-----	2.016	185.014

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.272
Ethanol	1.375	79.154
n-Propanol	2.467	227.340

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1302811	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/17/2020 2:02:19 PM
Data file:	C:\Chem32\1\Data\17Sep20\30.D	Analyst:	Canonico

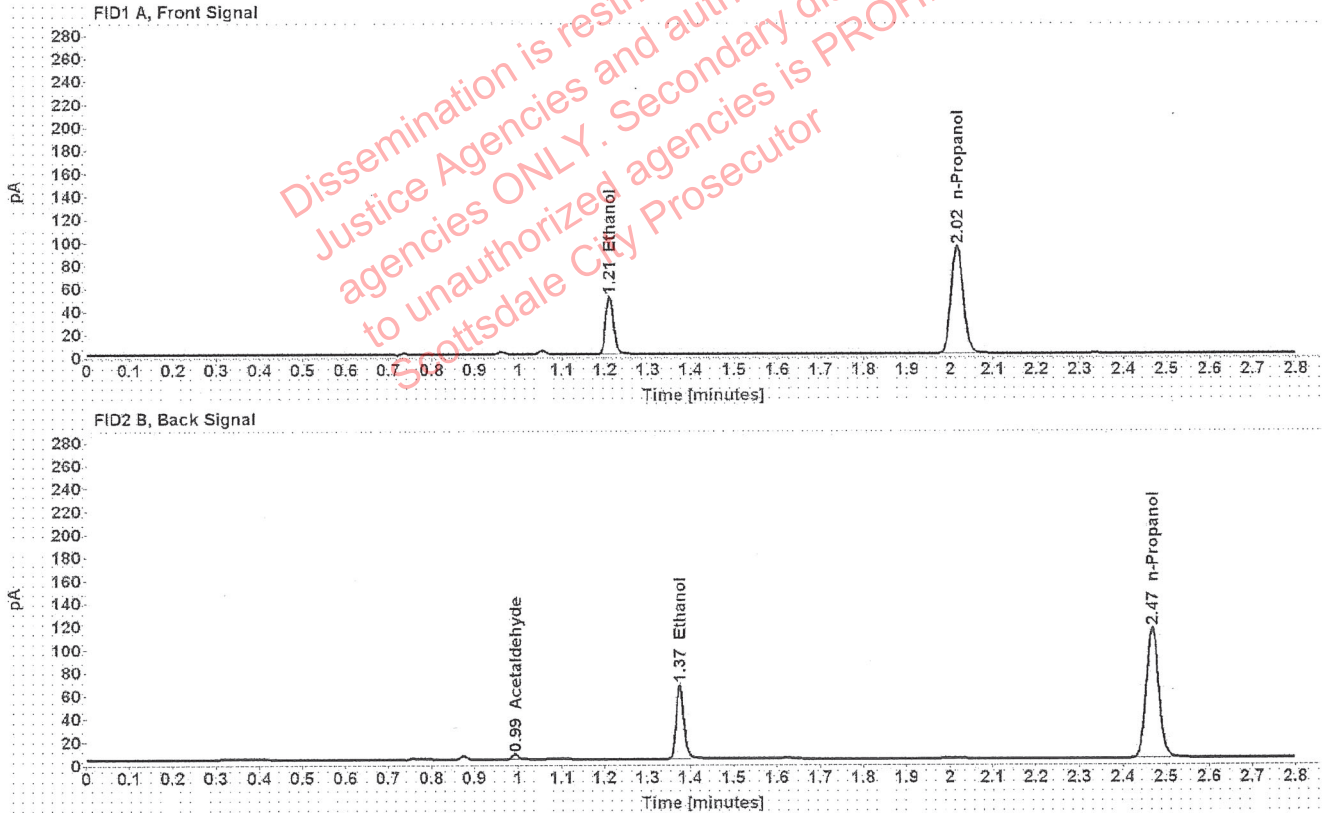


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0988	1.210	64.311
n-Propanol	-----	2.016	186.760

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.210
Ethanol	1.375	79.987
n-Propanol	2.468	229.320

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1335168	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/17/2020 2:10:34 PM
Data file:	C:\Chem32\1\Data\17Sep20\32.D	Analyst:	Canonico

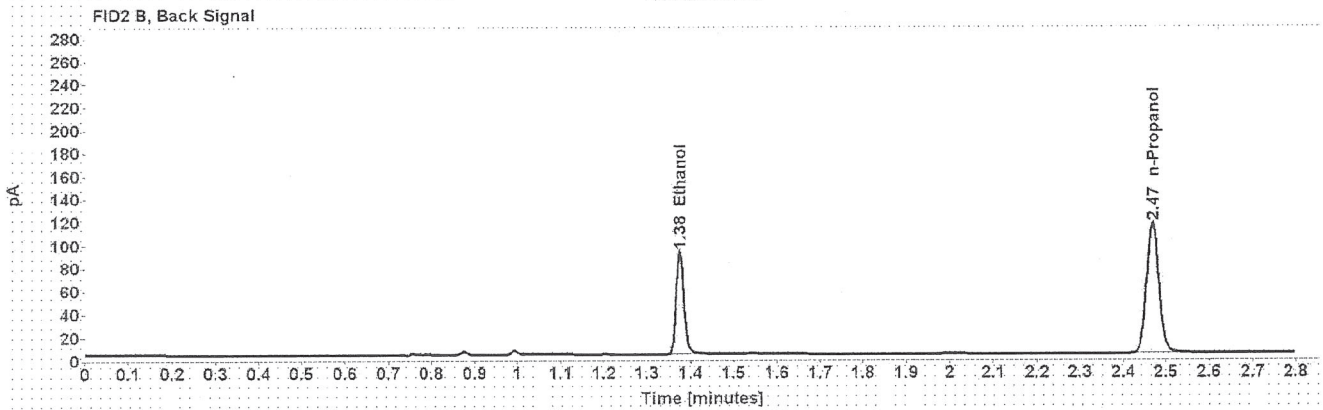
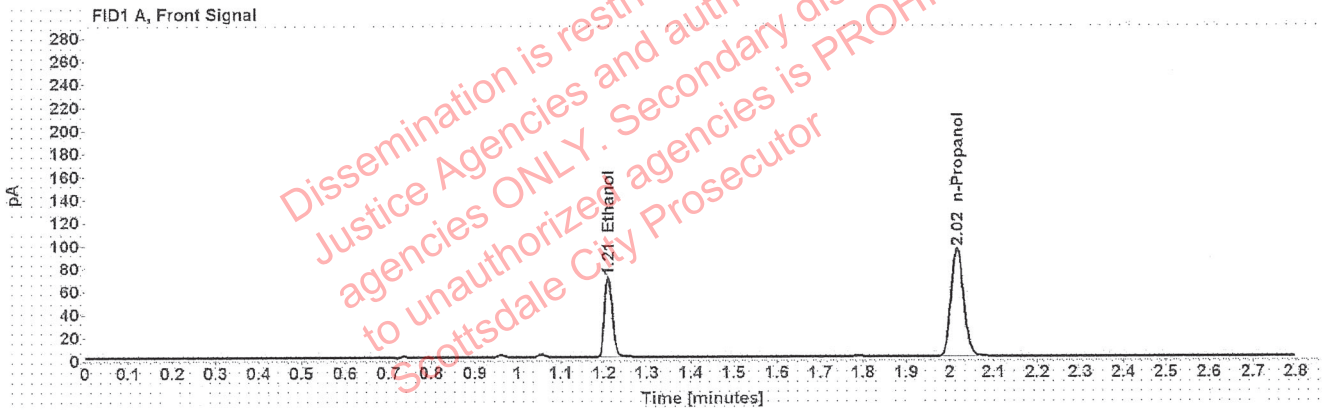


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1350	1.210	89.075
n-Propanol	-----	2.016	188.386

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

Compound	Time (min)	Peak Area
Ethanol	1.375	110.989
n-Propanol	2.468	231.137

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1335168	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/17/2020 2:14:34 PM
Data file:	C:\Chem32\1\Data\17Sep20\33.D	Analyst:	Canonico

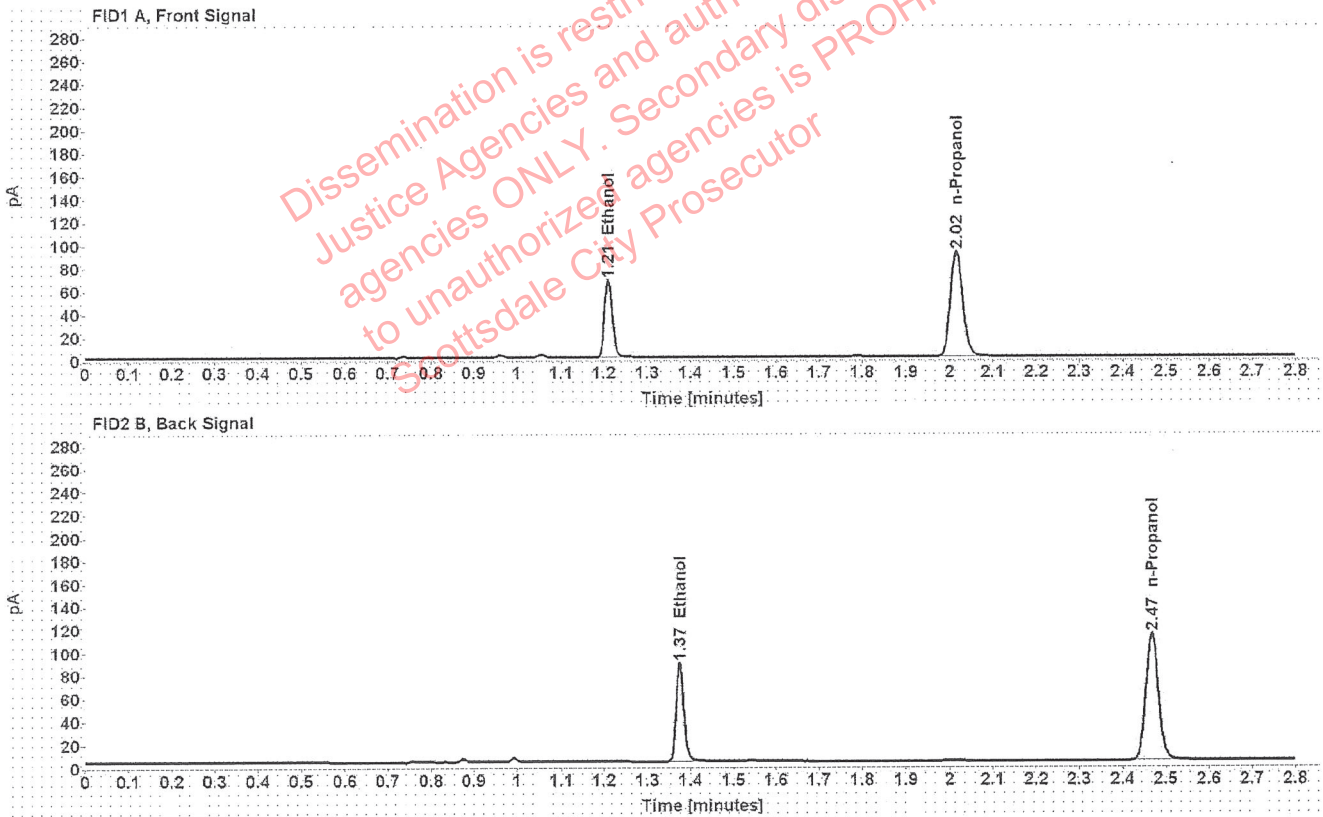


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1340	1.210	85.807
n-Propanol	-----	2.016	182.804

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

Compound	Time (min)	Peak Area
Ethanol	1.374	106.672
n-Propanol	2.467	224.080

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1334973	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/17/2020 2:18:34 PM
Data file:	C:\Chem32\1\Data\17Sep20\34.D	Analyst:	Canonico

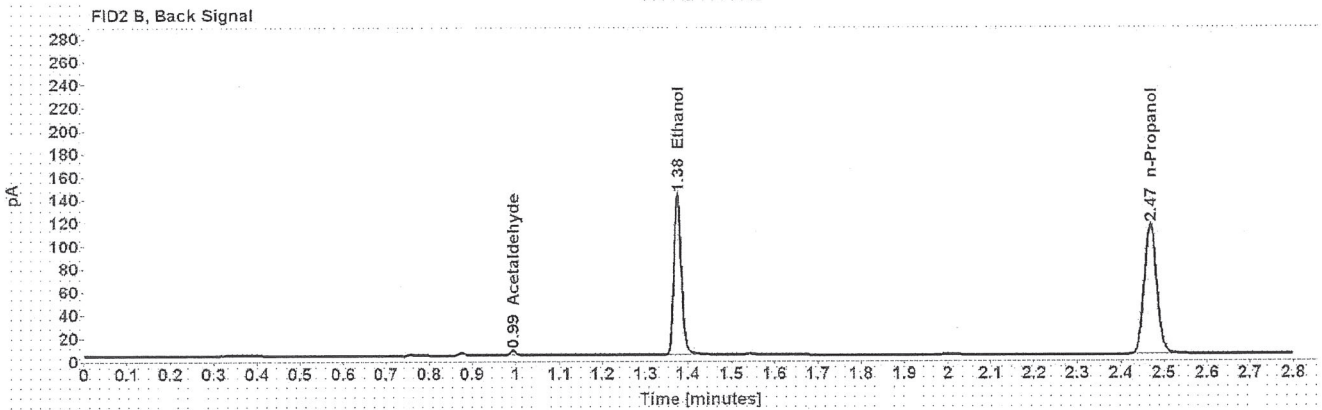
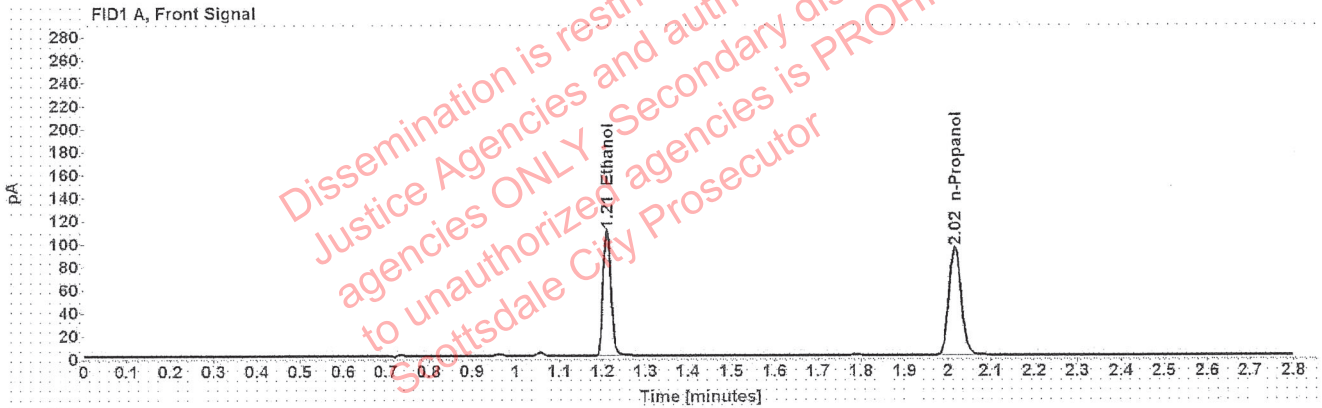


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2103	1.210	138.705
n-Propanol	-----	2.016	187.383

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	3.896
Ethanol	1.375	173.690
n-Propanol	2.468	229.705

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1334973	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/17/2020 2:22:35 PM
Data file:	C:\Chem32\1\Data\17Sep20\35.D	Analyst:	Canonico

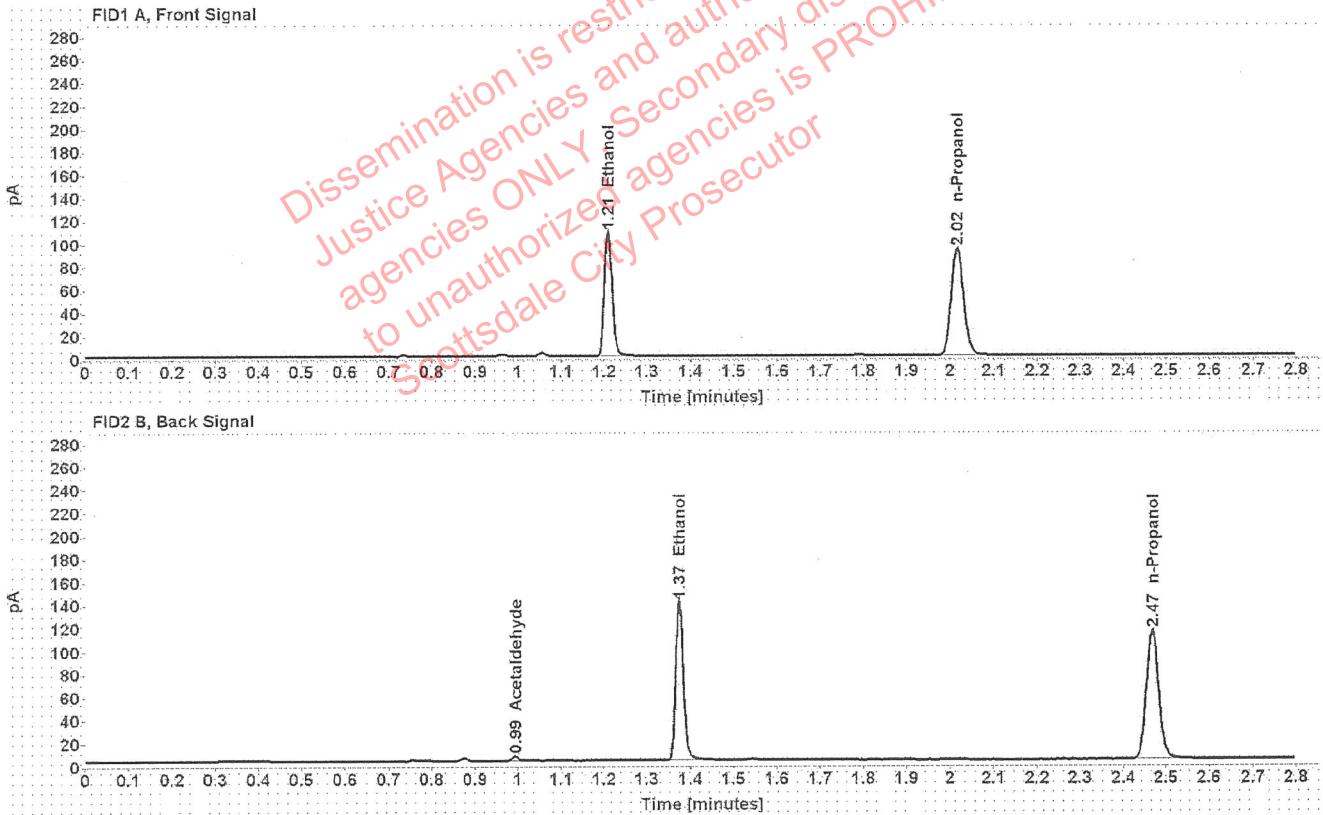


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2109	1.210	137.844
n-Propanol	-----	2.016	185.715

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	3.772
Ethanol	1.375	172.404
n-Propanol	2.468	227.679

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1336116	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/17/2020 2:26:34 PM
Data file:	C:\Chem32\1\Data\17Sep20\36.D	Analyst:	Canonico

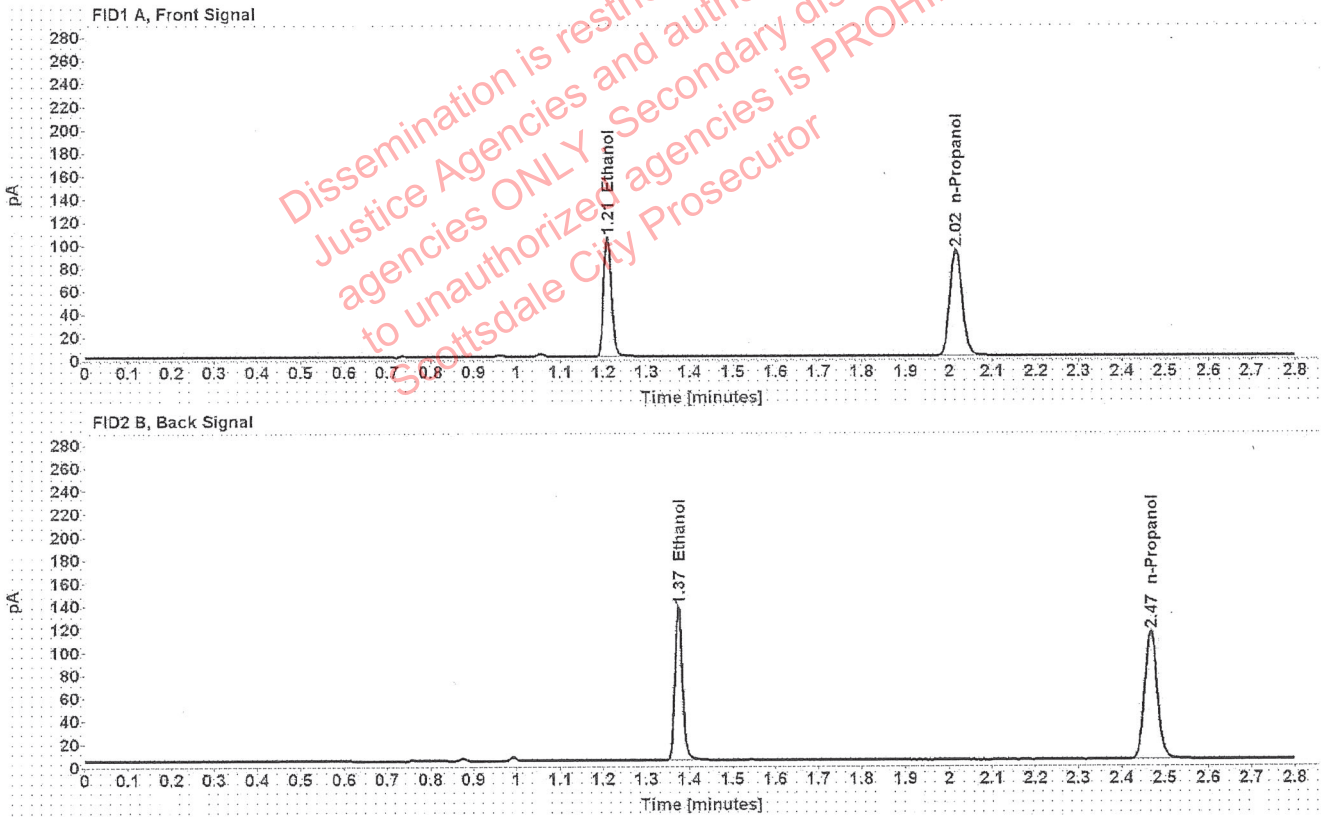


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2046	1.209	133.334
n-Propanol	-----	2.015	185.257

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

Compound	Time (min)	Peak Area
Ethanol	1.373	166.442
n-Propanol	2.467	227.088

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1336116	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/17/2020 2:30:50 PM
Data file:	C:\Chem32\1\Data\17Sep20\37.D	Analyst:	Canonico

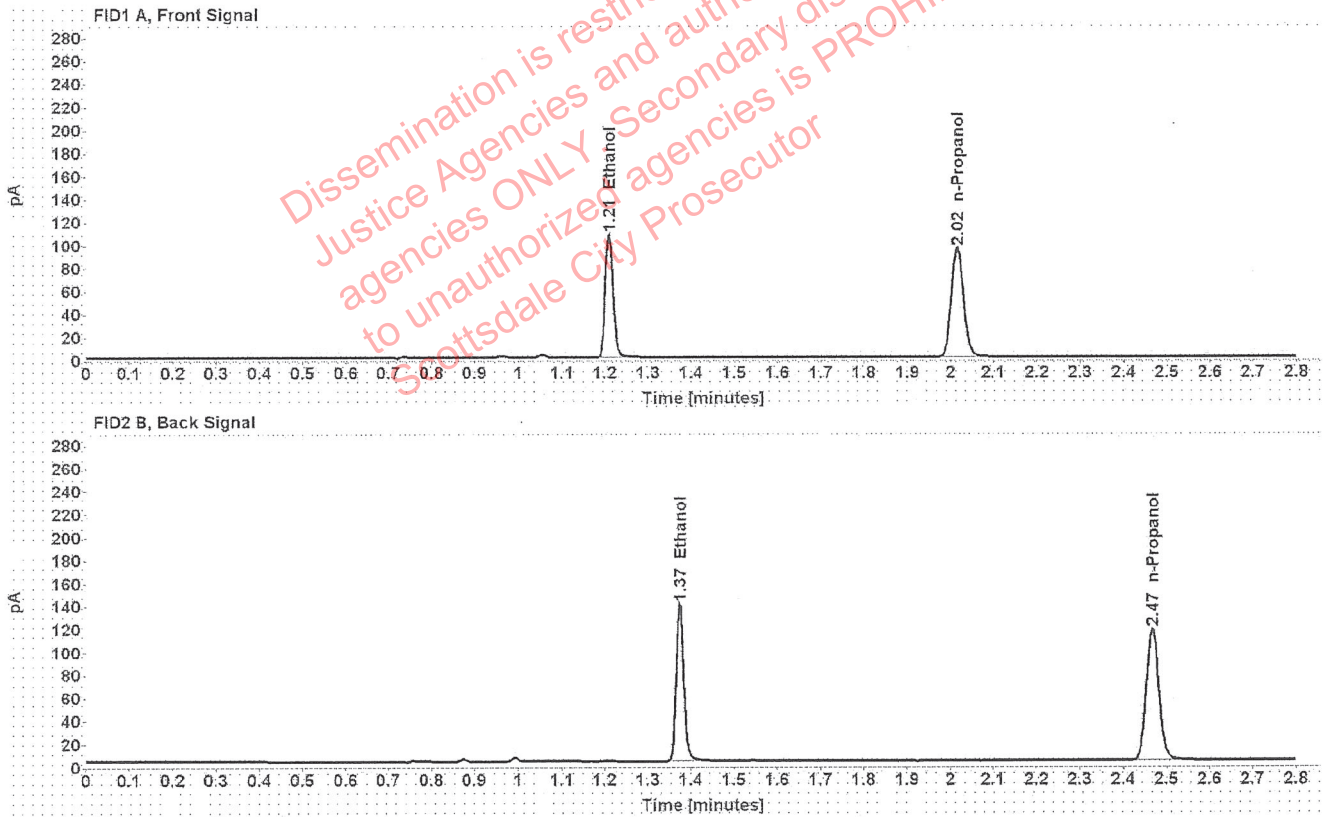


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2056	1.209	137.102
n-Propanol	-----	2.016	189.491

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

Compound	Time (min)	Peak Area
Ethanol	1.374	170.488
n-Propanol	2.467	232.485

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1337805	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/17/2020 2:34:49 PM
Data file:	C:\Chem32\1\Data\17Sep20\38.D	Analyst:	Canonico

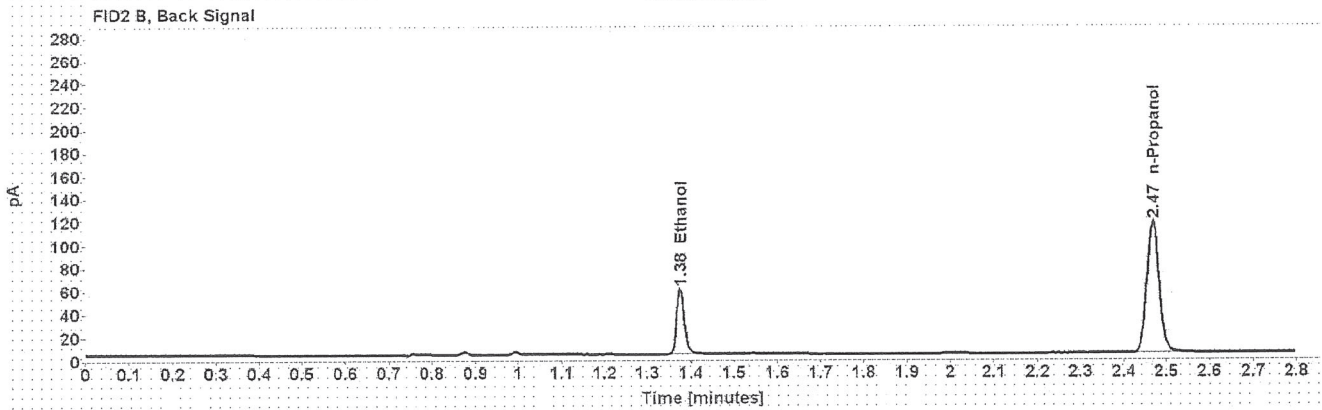
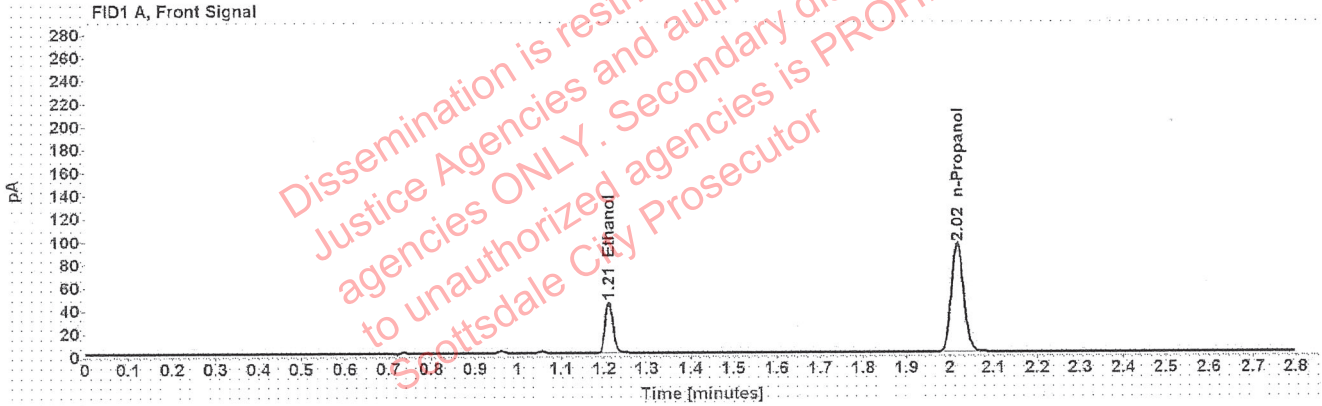


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0870	1.211	57.077
n-Propanol	-----	2.016	188.685

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

Compound	Time (min)	Peak Area
Ethanol	1.376	70.924
n-Propanol	2.468	231.366

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1337805	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/17/2020 2:38:49 PM
Data file:	C:\Chem32\1\Data\17Sep20\39.D	Analyst:	Canonico

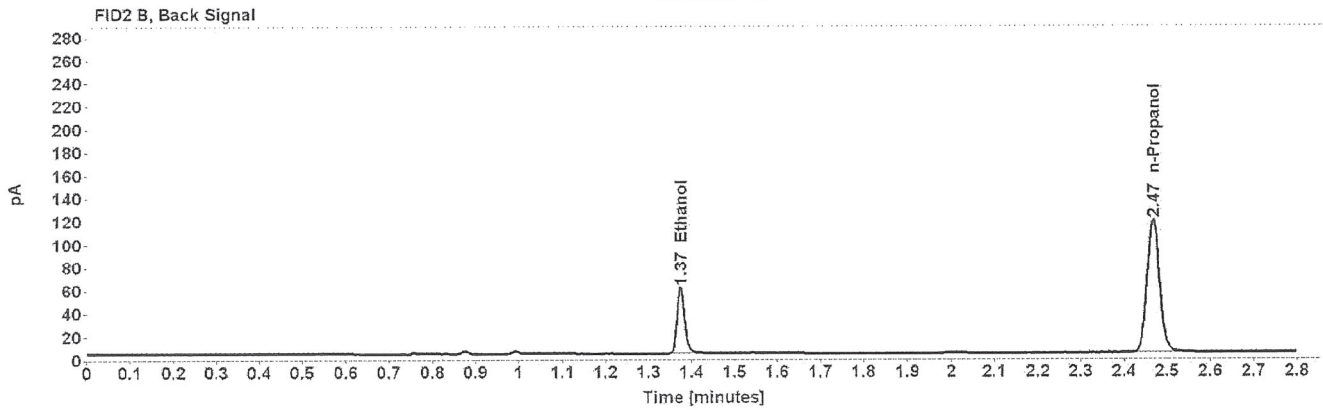
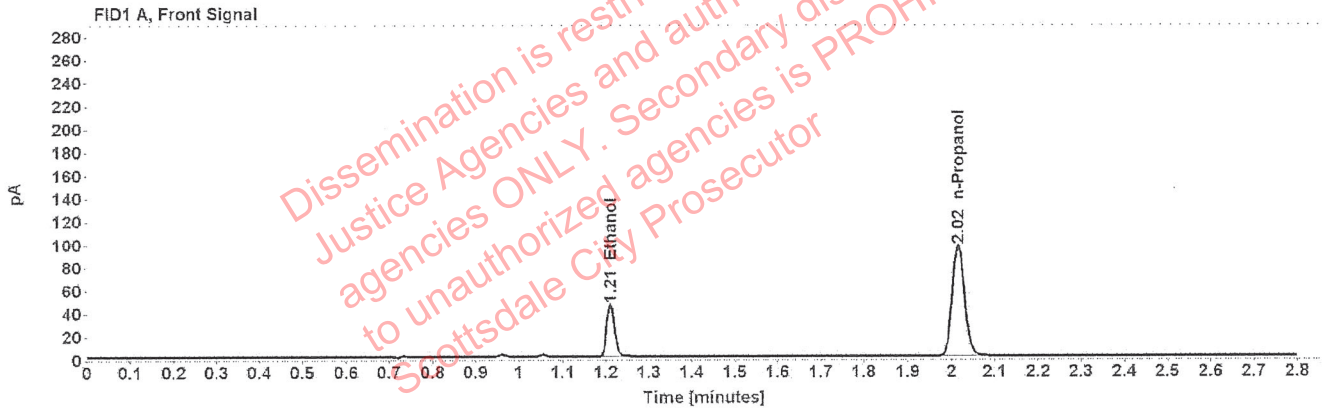


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0866	1.210	57.726
n-Propanol	-----	2.015	191.695

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

Compound	Time (min)	Peak Area
Ethanol	1.374	71.665
n-Propanol	2.467	234.999

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1337807	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/17/2020 2:42:49 PM
Data file:	C:\Chem32\1\Data\17Sep20\40.D	Analyst:	Canonico

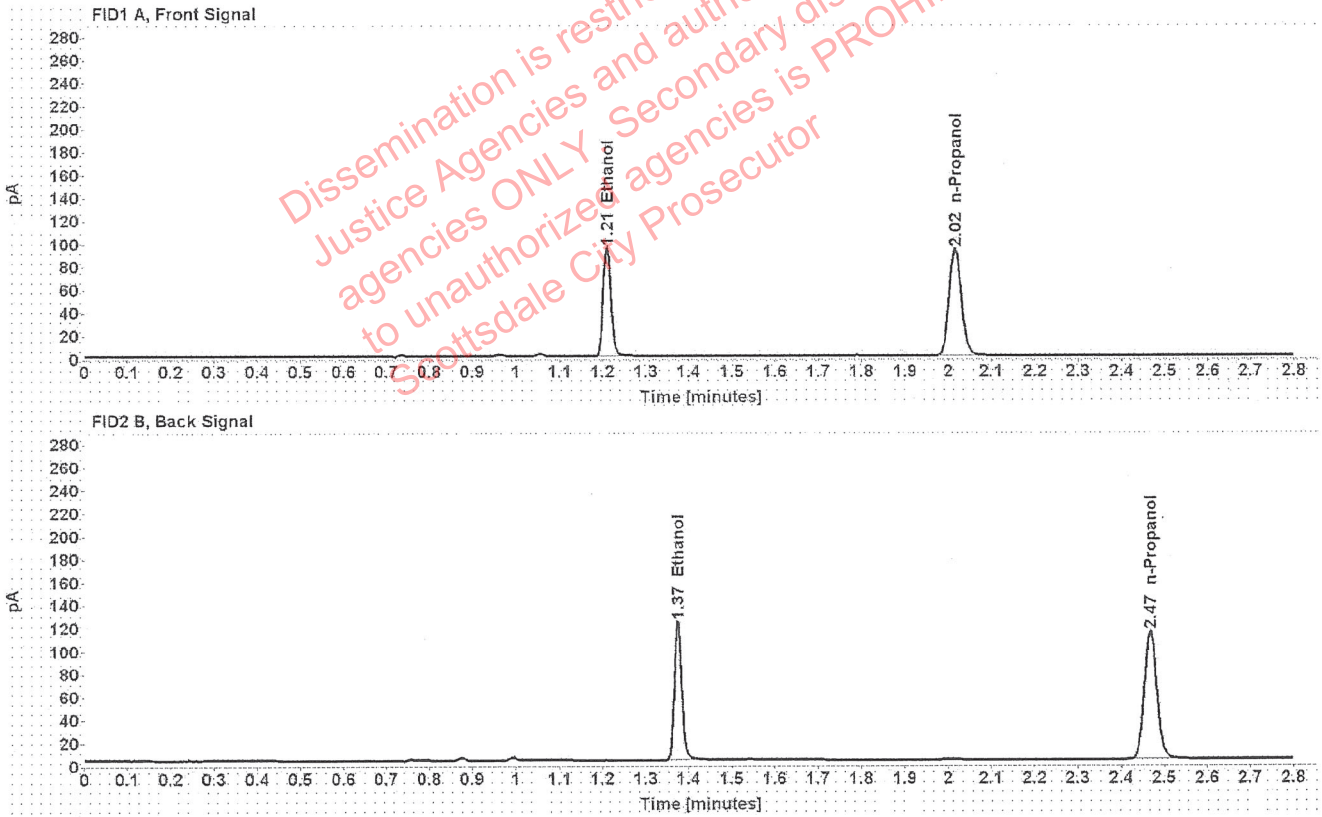


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1854	1.210	120.703
n-Propanol	-----	2.016	185.189

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

Compound	Time (min)	Peak Area
Ethanol	1.374	150.861
n-Propanol	2.467	227.213

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1337807	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/17/2020 2:46:49 PM
Data file:	C:\Chem32\1\Data\17Sep20\41.D	Analyst:	Canonico

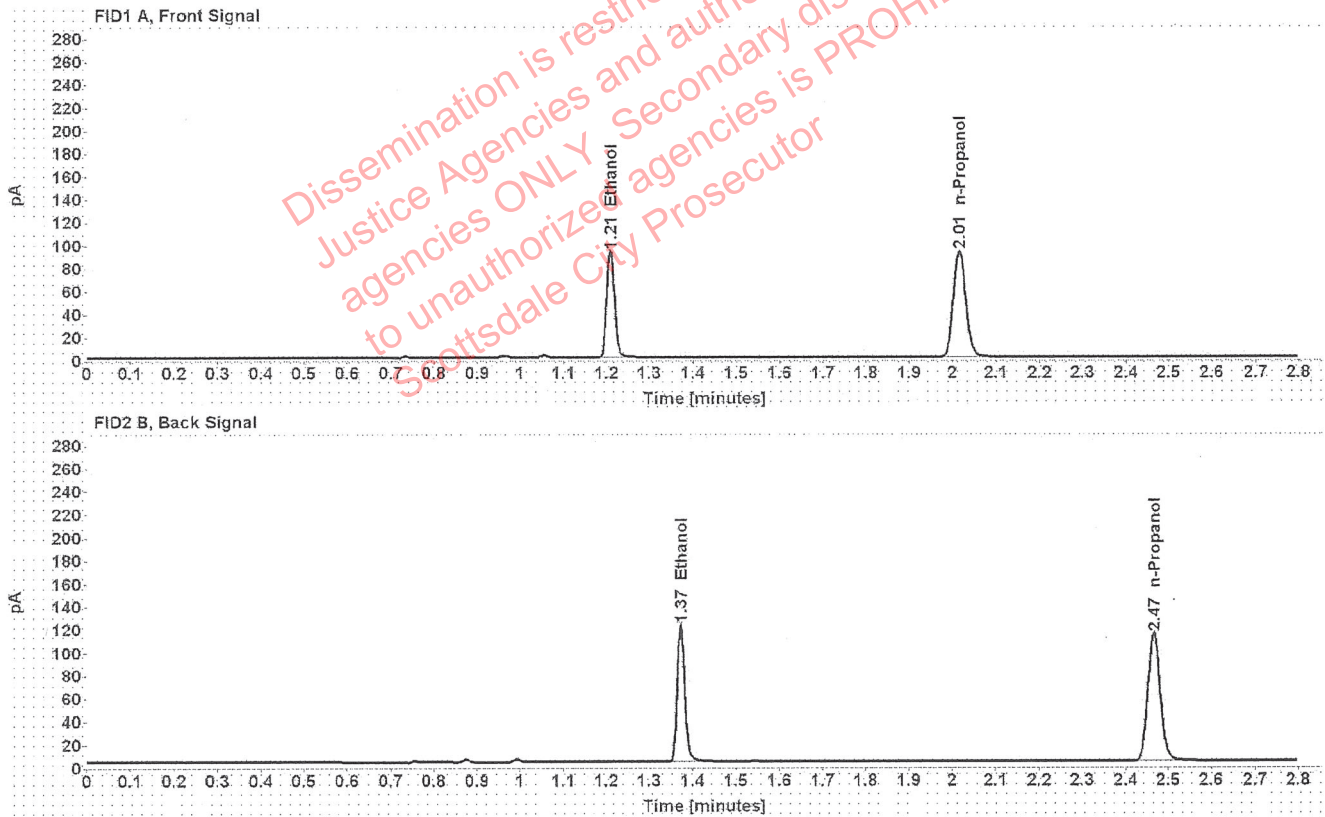


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1828	1.209	118.510
n-Propanol	-----	2.015	184.407

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

Compound	Time (min)	Peak Area
Ethanol	1.373	147.965
n-Propanol	2.466	226.442