

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 12/15/2020 SEQUENCE NAME 15Dec20

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 0.99998
 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 071420AQ
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 070819MIX
7	Aqueous control	0.400 g/dL	0.411 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	0.203 g/dL	ACQ 407041529/13
20	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 03102016-A/1
31	Aqueous control	0.080 g/dL	0.082 g/dL	Lipomed 03102016-A/1
42	Aqueous control	0.400 g/dL	0.404 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	0.201 g/dL	ACQ 407041529/13
45	Blank	Not detected	Not detected	SPD lab 111020WB

SUBJECT SAMPLES

Subjects in the sequence 15 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

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

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

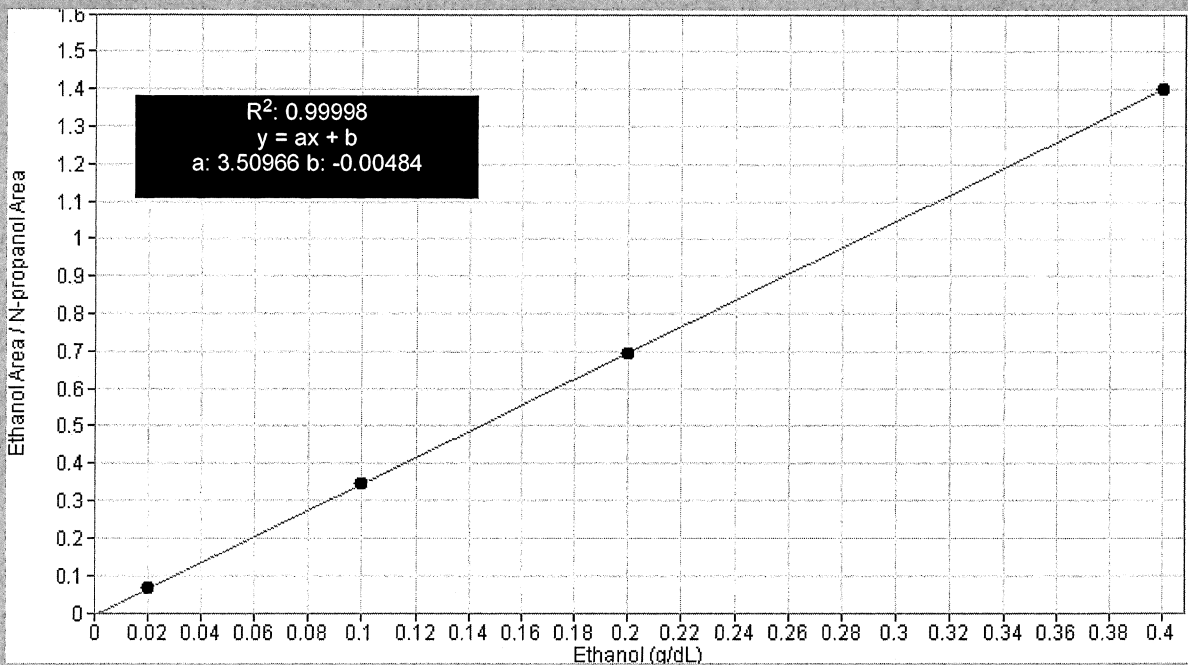
SEQUENCE NAME: 15Dec20

ANALYST: Abbott *AB*

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	0.411	0.400	2.75	0.011
0.040 14082019-B	8	0.041	0.040	2.50	0.001
0.198 407041529/13	9	0.203	0.198	2.53	0.005
0.080 03102016-A/1	20	0.081	0.080	1.25	0.001
0.080 03102016-A/1	31	0.082	0.080	2.50	0.002
0.400 11092018-A	42	0.404	0.400	1.00	0.004
0.040 14082019-B	43	0.041	0.040	2.50	0.001
0.198 407041529/13	44	0.201	0.198	1.52	0.003
blank 111020WB	45	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.725	173.412	0.068
0.100	60.322	174.394	0.346
0.200	118.965	171.624	0.693
0.400	240.210	171.464	1.401

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN06141806	Vial: 1
Description: 0.020 calibrator	Sequence: 15Dec20
Method: ethanol quant.M	Injection date: 12/15/2020 4:14:42 PM
Instrument: US14173023 CN14160045	Analyst: Abbott
Data file: C:\Chem32\1\Data\15Dec20\1.D	

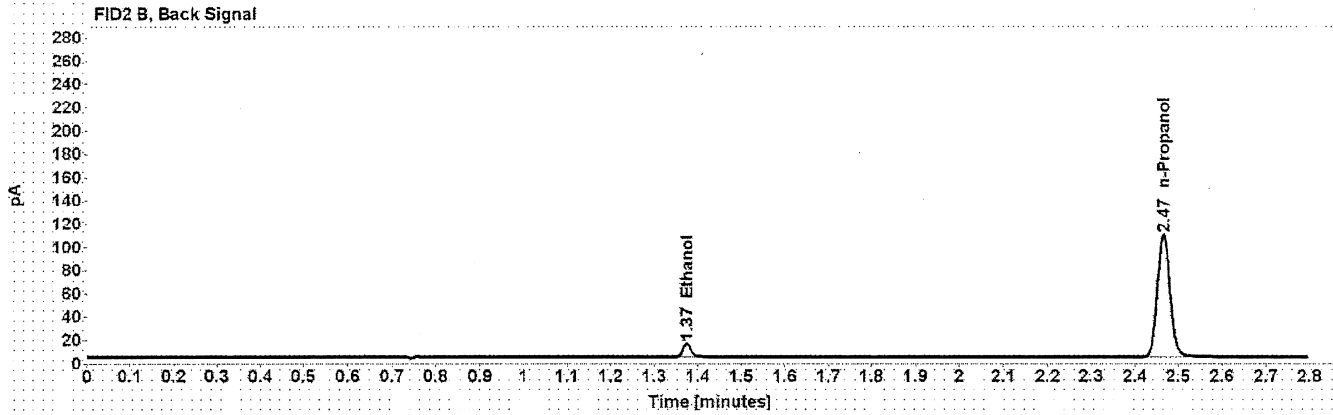


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.212	11.725
n-Propanol	2.015	173.412

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

Compound	Time (min)	Peak Area
Ethanol	1.374	14.636
n-Propanol	2.466	213.770

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN05311902	Vial: 2
Description: 0.100 calibrator	Sequence: 15Dec20
Method: ethanol quant.M	Injection date: 12/15/2020 4:18:42 PM
Instrument: US14173023 CN14160045	Analyst: Abbott <i>Abbott</i>
Data file: C:\Chem32\1\Data\15Dec20\2.D	

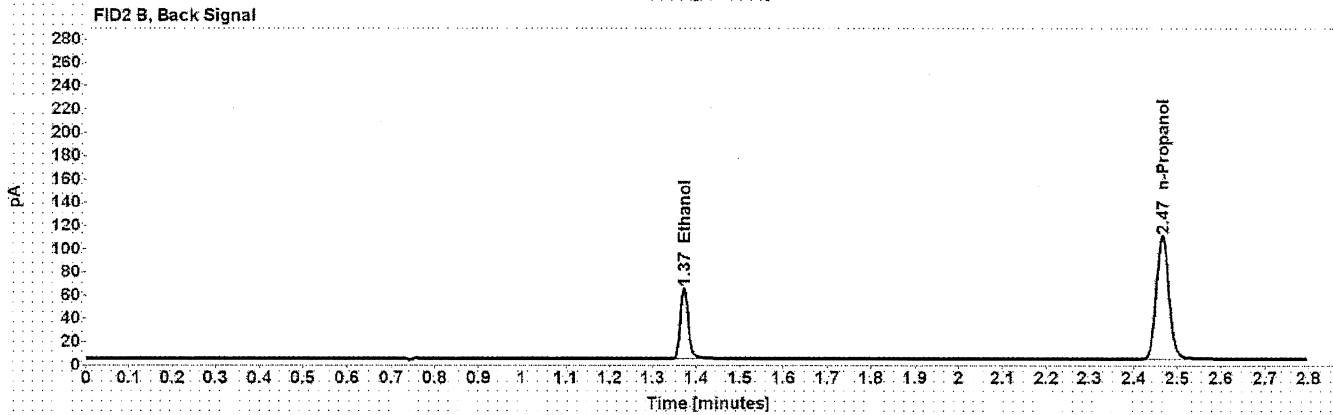
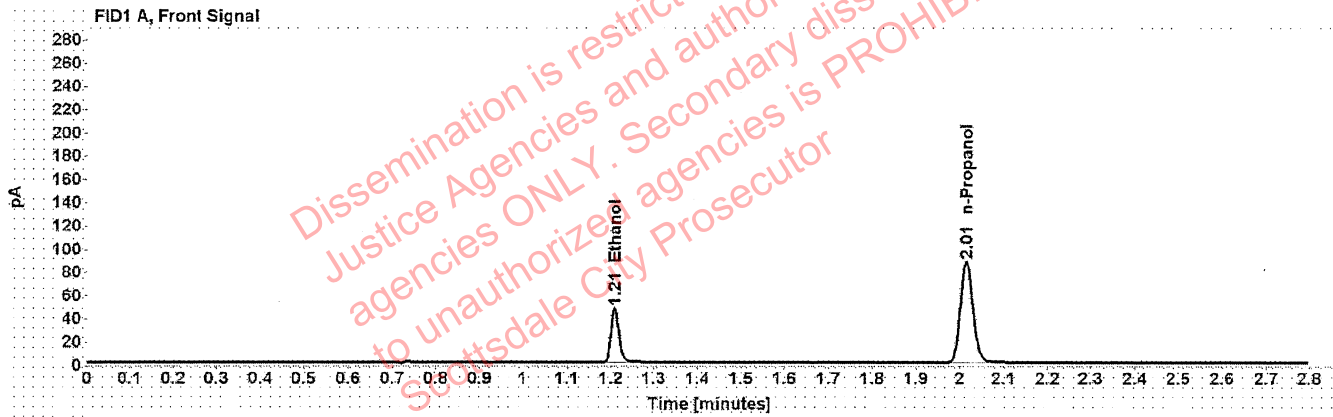


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	60.322
n-Propanol	2.015	174.394

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

Compound	Time (min)	Peak Area
Ethanol	1.372	75.393
n-Propanol	2.466	215.361

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN05101903	Vial: 3
Description: 0.200 calibrator	Sequence: 15Dec20
Method: ethanol quant.M	Injection date: 12/15/2020 4:22:42 PM
Instrument: US14173023 CN14160045	Analyst: Abbott JA
Data file: C:\Chem32\1\Data\15Dec20\3.D	

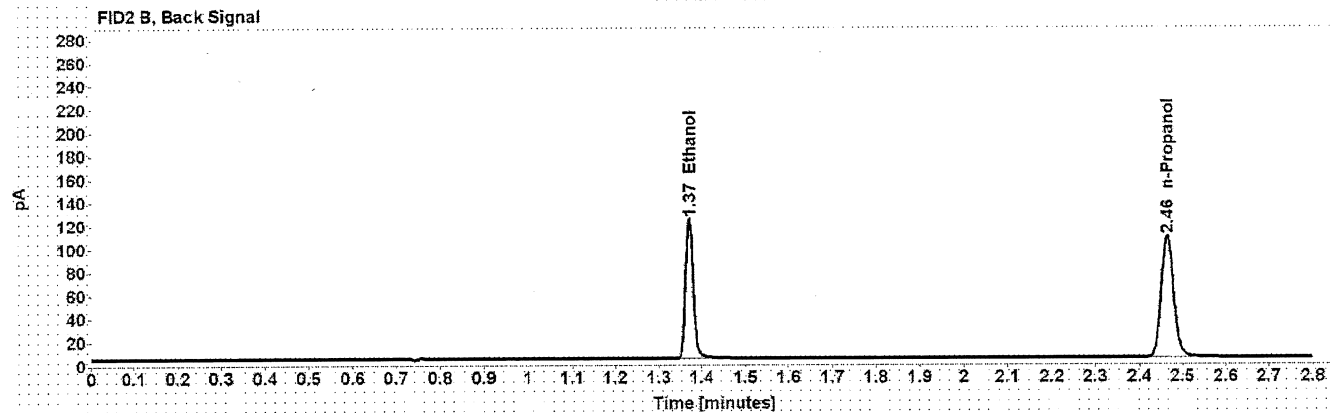
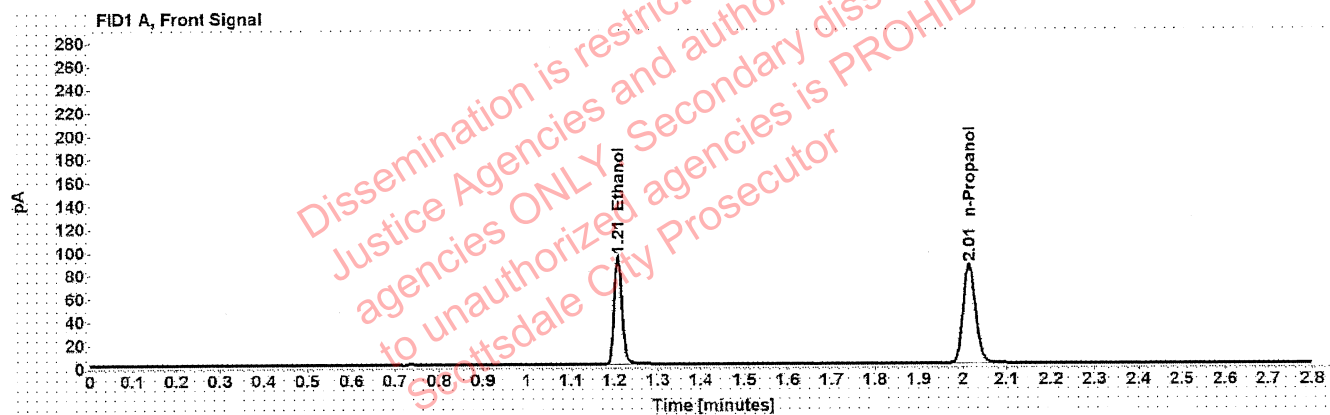


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	118.965
n-Propanol	2.014	171.624

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

Compound	Time (min)	Peak Area
Ethanol	1.371	149.285
n-Propanol	2.465	212.044

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN10051906	Vial: 4
Description: 0.400 calibrator	Sequence: 15Dec20
Method: ethanol quant.M	Injection date: 12/15/2020 4:26:42 PM
Instrument: US14173023 CN14160045	Analyst: Abbott
Data file: C:\Chem32\1\Data\15Dec20\4.D	

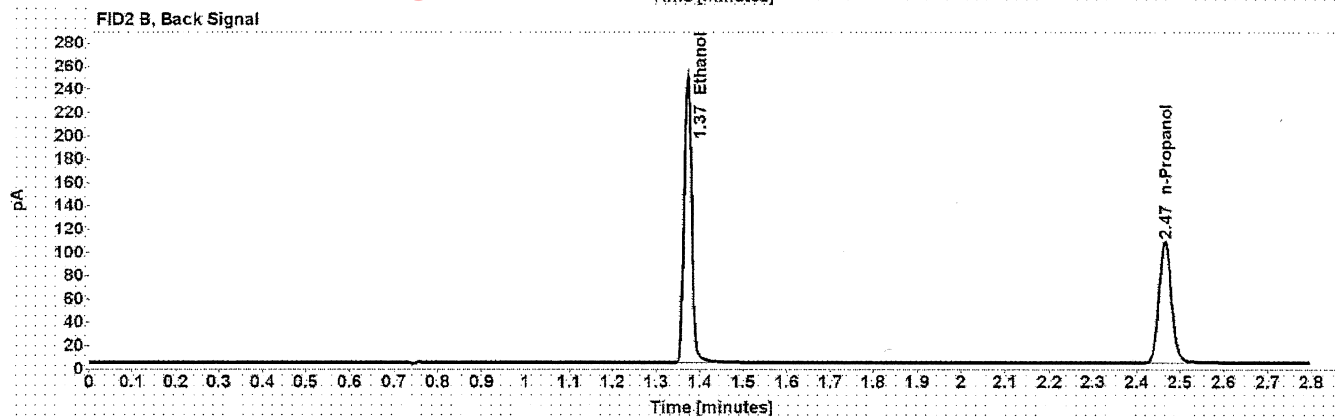
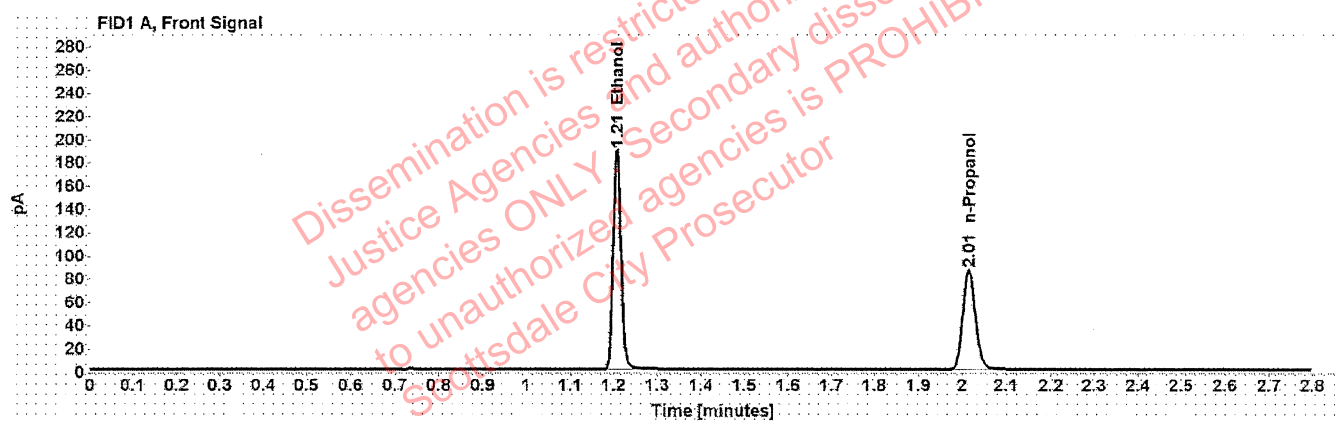


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	240.210
n-Propanol	2.015	171.464

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

Compound	Time (min)	Peak Area
Ethanol	1.371	301.614
n-Propanol	2.465	212.190

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	071420AQ	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/15/2020 4:30:42 PM
Data file:	C:\Chem32\1\Data\15Dec20\5.D	Analyst:	Abbott OH

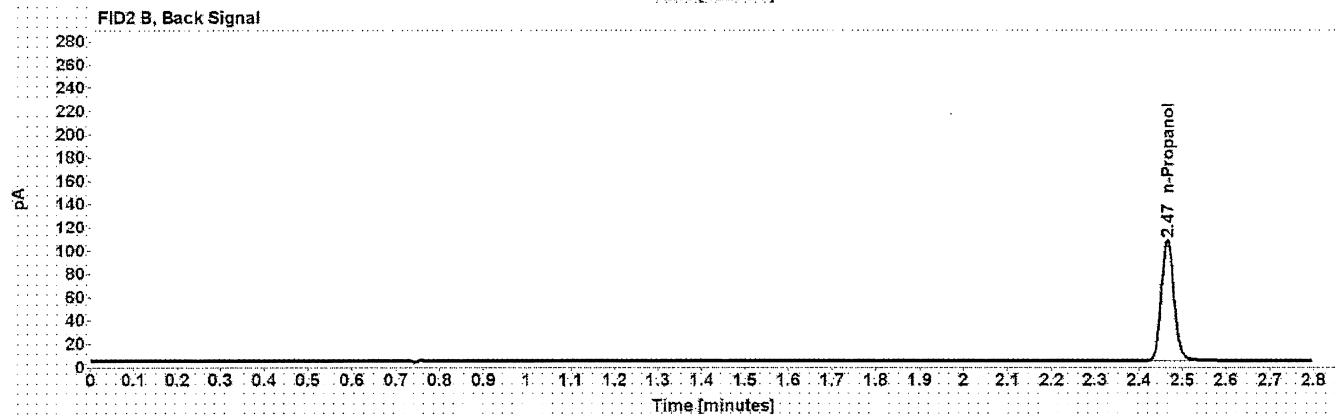


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	170.862

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

Compound	Time (min)	Peak Area
n-Propanol	2.466	210.700

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 070819MIX	Vial: 6
Description: Volatiles mix	LIMS ID:
Method: ethanol quant.M	Sequence: 15Dec20
Instrument: US14173023 CN14160045	Injection date: 12/15/2020 4:34:42 PM
Data file: C:\Chem32\1\Data\15Dec20\6.D	Analyst: Abbott DA

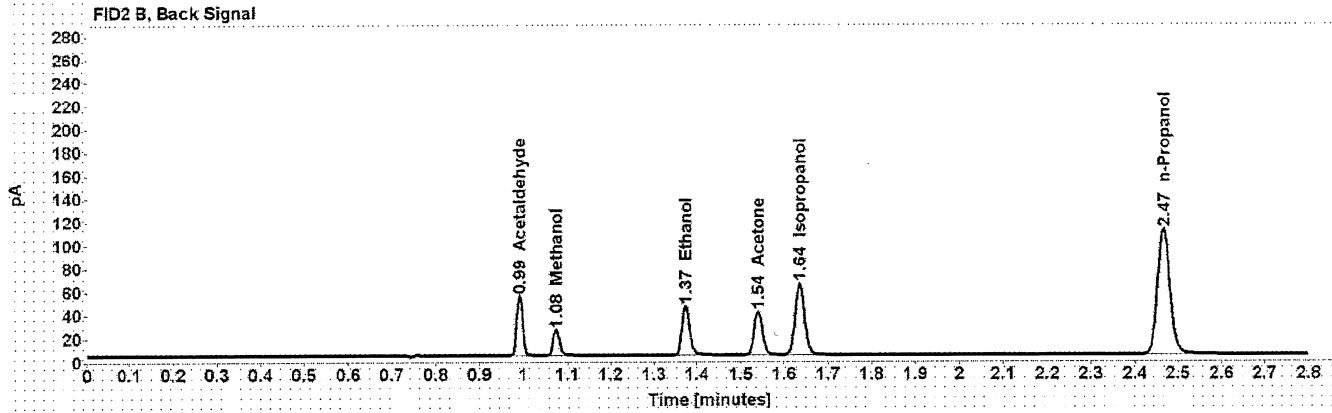
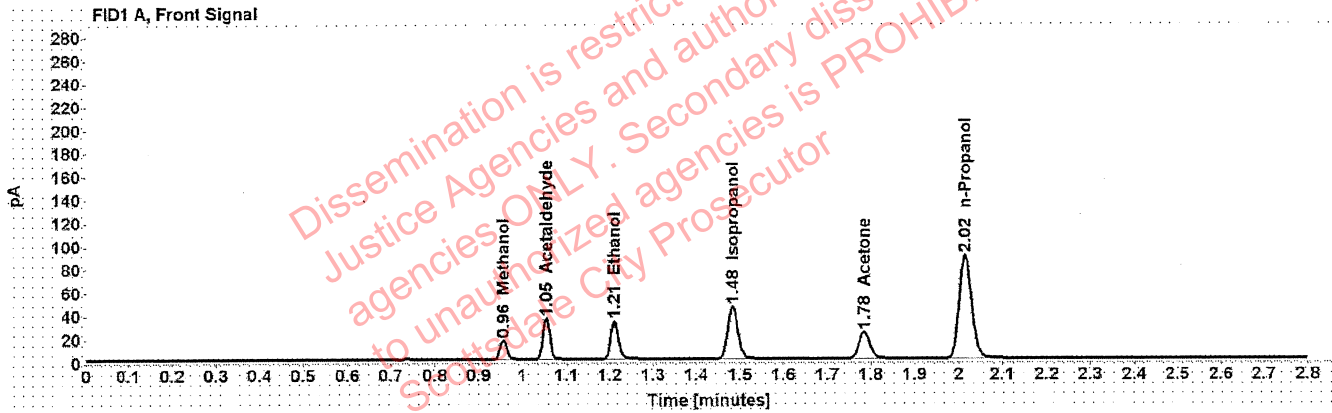


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.957	18.382
Acetaldehyde	-----	1.055	38.455
>Ethanol	0.0690	1.210	42.113
Isopropanol	-----	1.483	72.401
Acetone	-----	1.784	39.573
n-Propanol	-----	2.015	177.463

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	50.018
Methanol	1.075	23.658
Ethanol	1.374	52.442
Acetone	1.540	49.181
Isopropanol	1.635	93.128
n-Propanol	2.466	219.179

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 15Dec20
Instrument: US14173023 CN14160045	Injection date: 12/15/2020 4:38:57 PM
Data file: C:\Chem32\1\Data\15Dec20\7.D	Analyst: Abbott

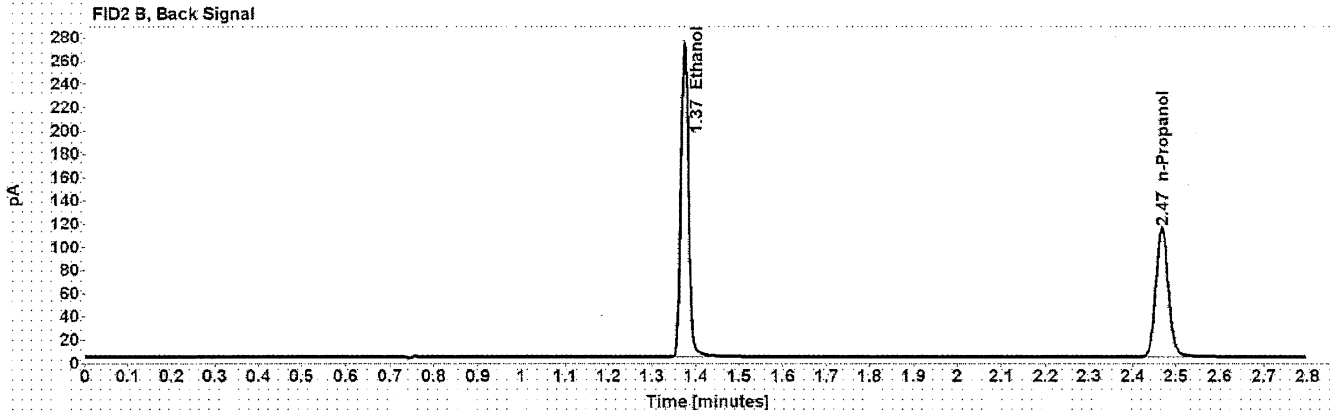
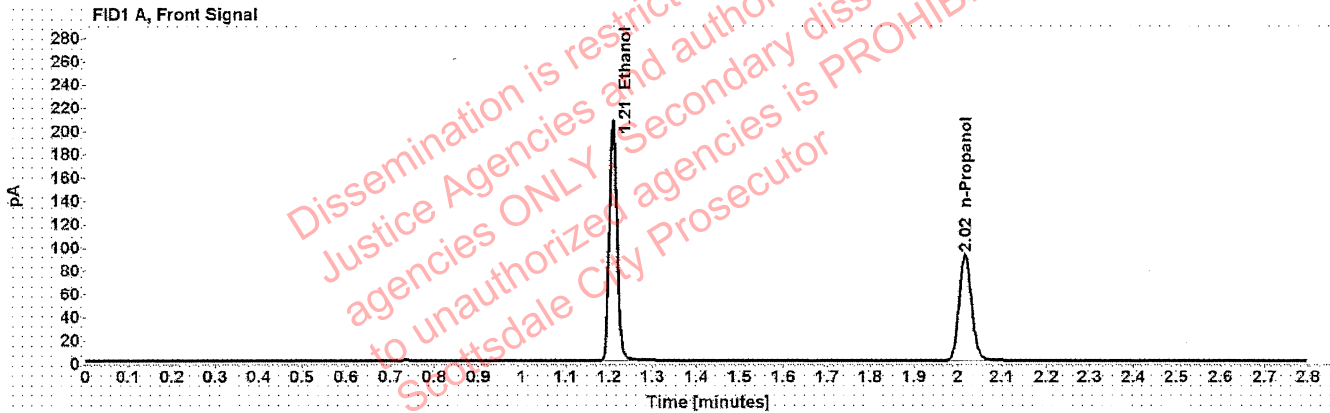


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4112	1.209	262.741
n-Propanol	-----	2.016	182.677

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

Compound	Time (min)	Peak Area
Ethanol	1.374	329.862
n-Propanol	2.468	225.881

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 8
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 15Dec20
Instrument: US14173023 CN14160045	Injection date: 12/15/2020 4:42:57 PM
Data file: C:\Chem32\1\Data\15Dec20\8.D	Analyst: Abbott

Abbott

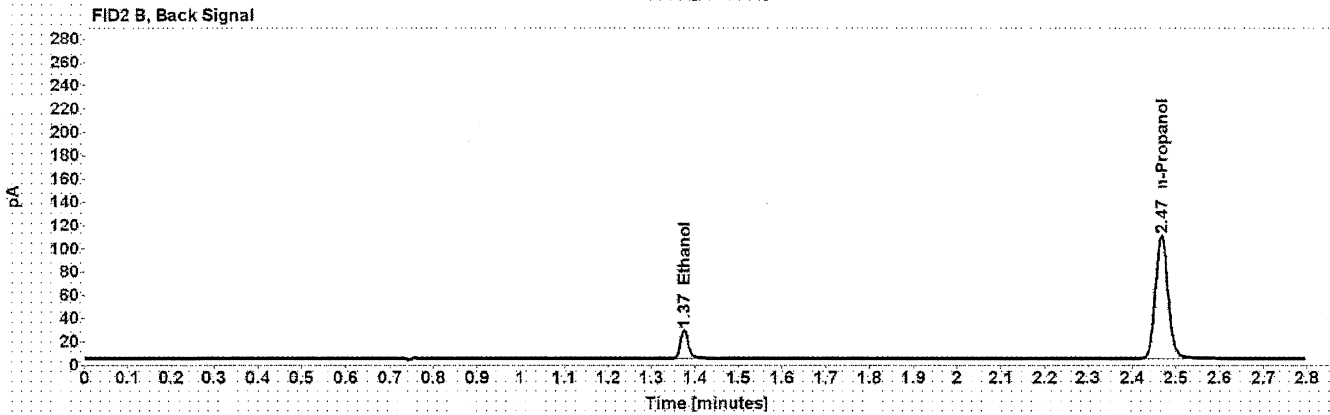


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0411	1.211	24.375
n-Propanol	-----	2.016	174.635

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

Compound	Time (min)	Peak Area
Ethanol	1.375	30.433
n-Propanol	2.467	215.009

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 407041529/13	Vial: 9
Description: 0.198	LIMS ID:
Method: ethanol quant.M	Sequence: 15Dec20
Instrument: US14173023 CN14160045	Injection date: 12/15/2020 4:46:57 PM
Data file: C:\Chem32\1\Data\15Dec20\9.D	Analyst: Abbott JA

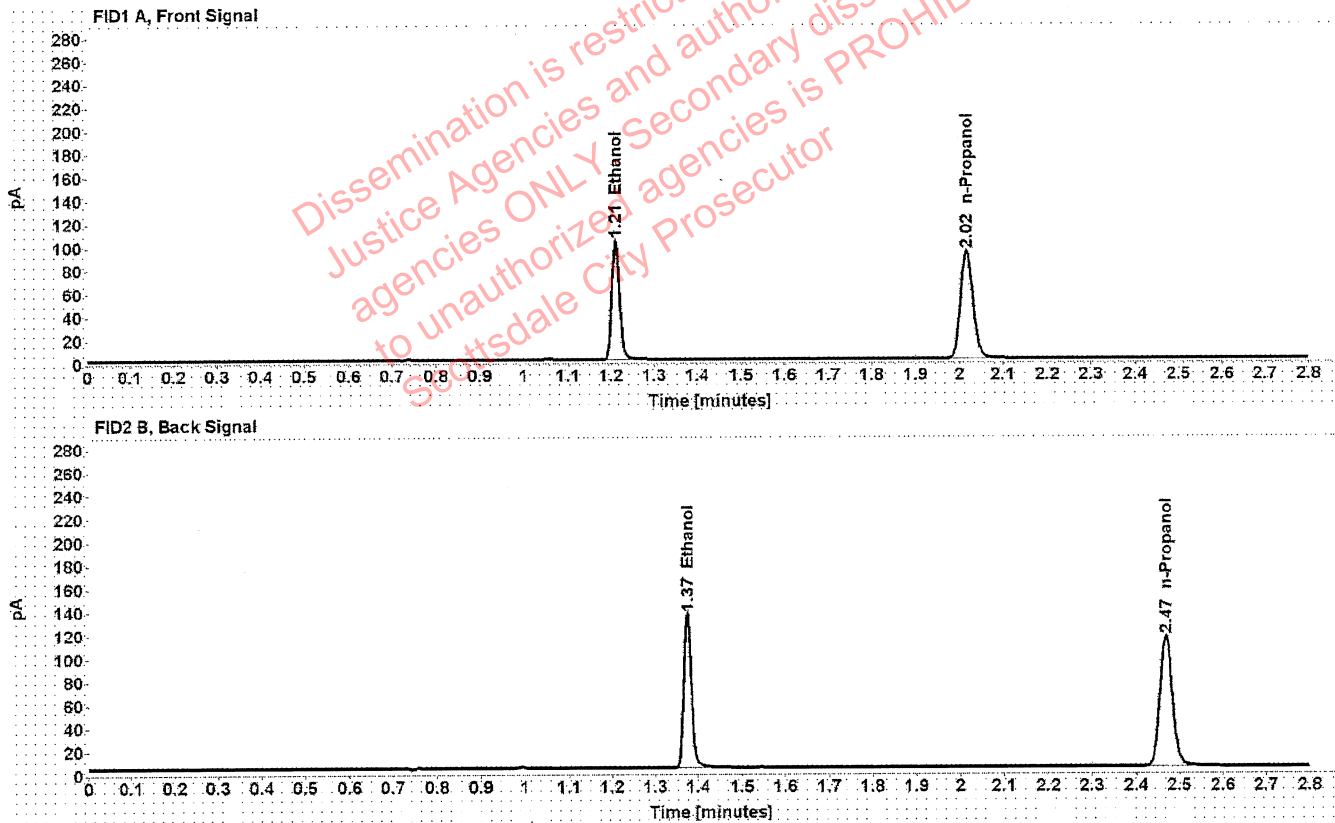


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2033	1.210	130.933
n-Propanol	-----	2.017	184.733

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

Compound	Time (min)	Peak Area
Ethanol	1.375	163.370
n-Propanol	2.468	227.903

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 03102016-A/1	Vial: 20
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 15Dec20
Instrument: US14173023 CN14160045	Injection date: 12/15/2020 5:31:27 PM
Data file: C:\Chem32\1\Data\15Dec20\20.D	Analyst: Abbott JA

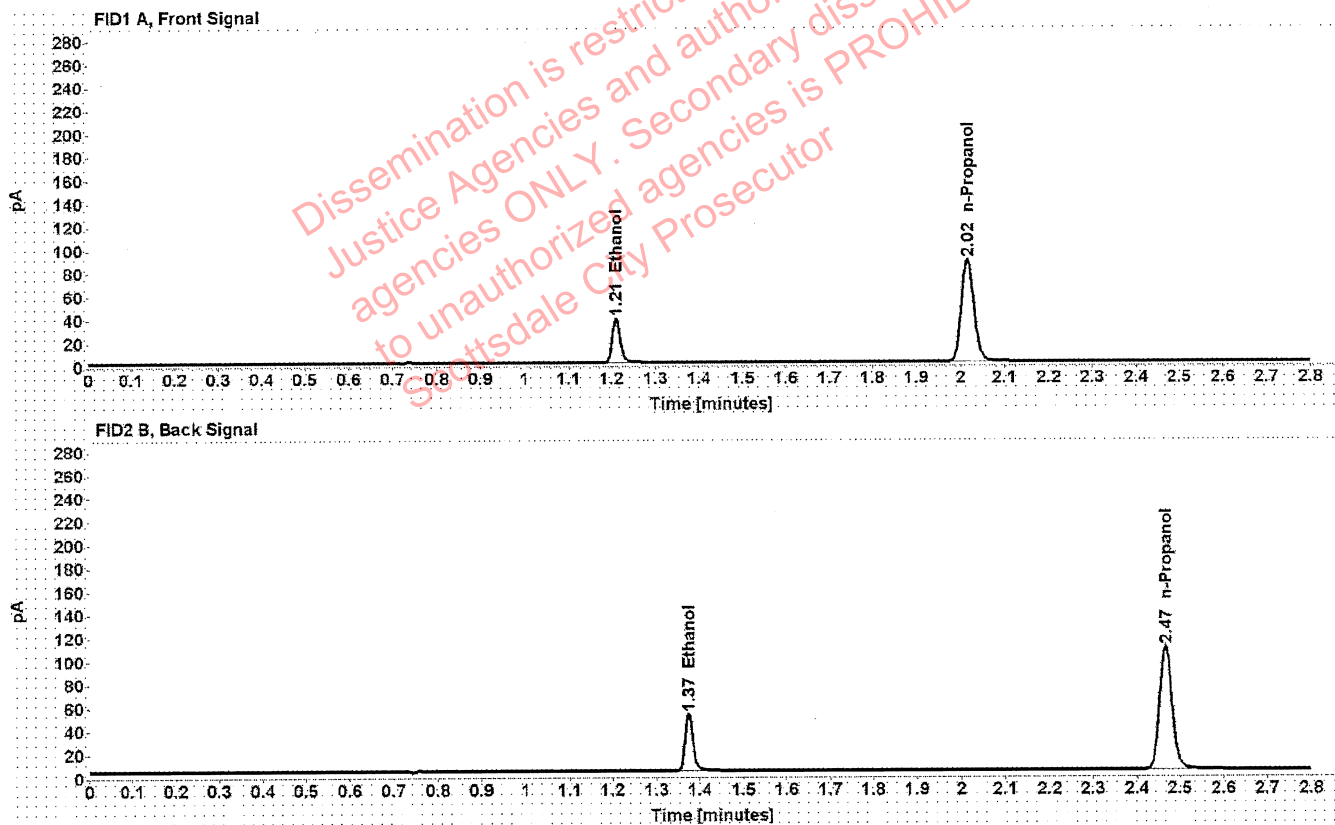


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0814	1.210	49.317
n-Propanol	-----	2.016	175.591

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

Compound	Time (min)	Peak Area
Ethanol	1.374	61.320
n-Propanol	2.467	215.846

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 03102016-A/1	Vial: 31
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 15Dec20
Instrument: US14173023 CN14160045	Injection date: 12/15/2020 6:15:57 PM
Data file: C:\Chem32\1\Data\15Dec20\31.D	Analyst: Abbott JA

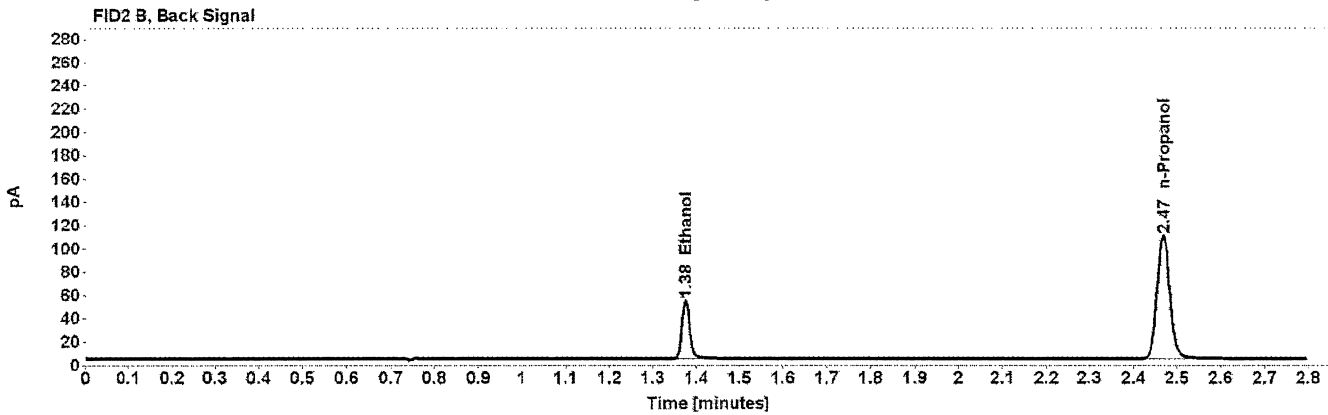
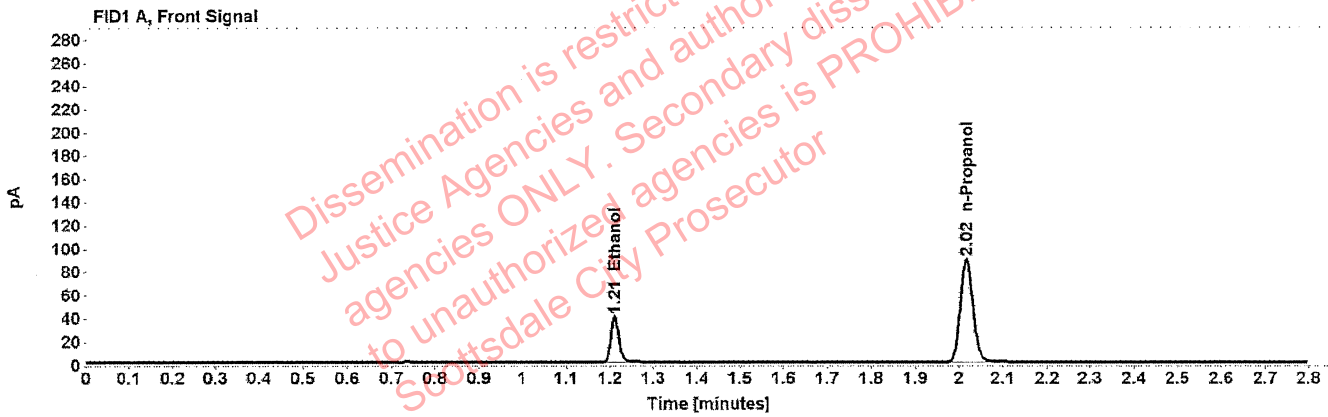


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0823	1.211	50.225
n-Propanol	-----	2.016	176.877

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

Compound	Time (min)	Peak Area
Ethanol	1.375	62.333
n-Propanol	2.468	216.826

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 42
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 15Dec20
Instrument: US14173023 CN14160045	Injection date: 12/15/2020 7:00:12 PM
Data file: C:\Chem32\1\Data\15Dec20\42.D	Analyst: Abbott <i>JA</i>

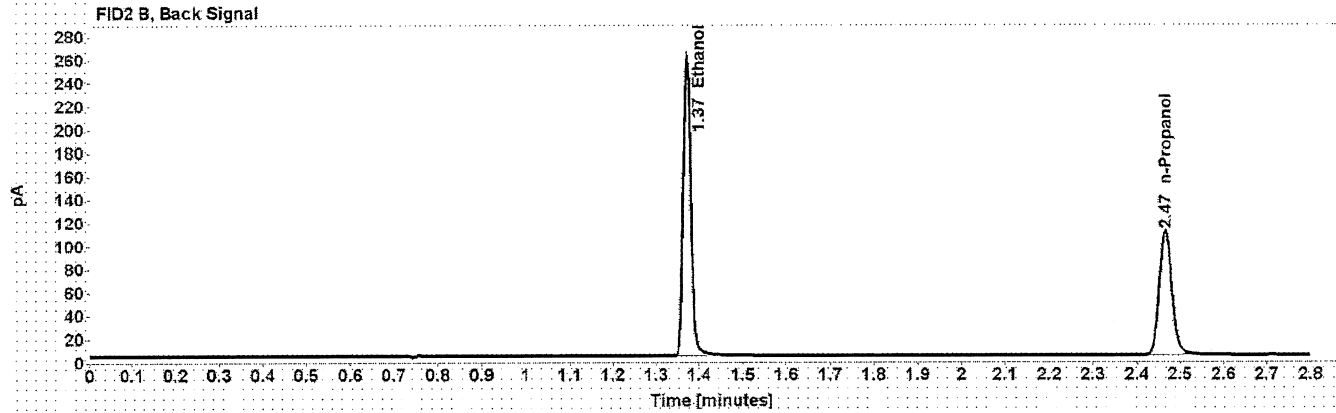
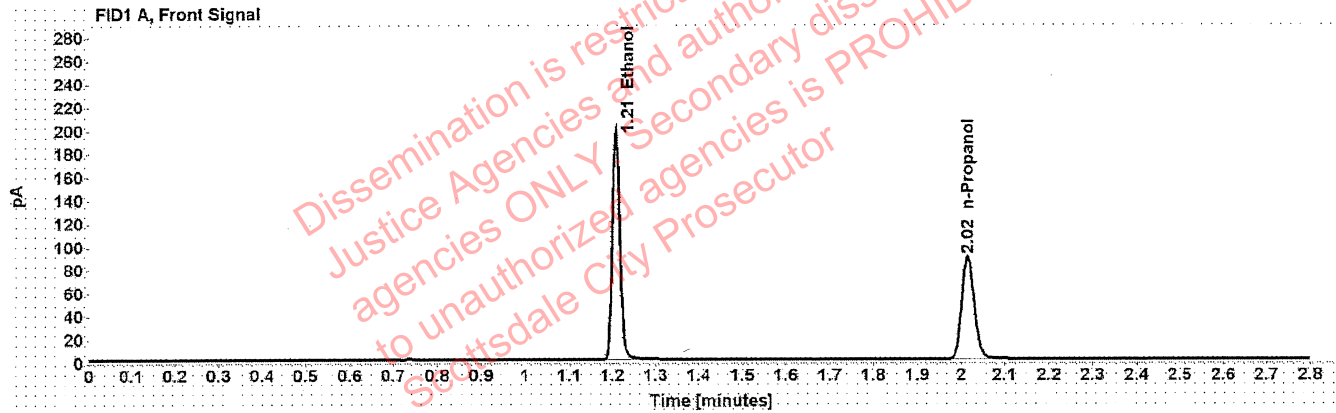


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4042	1.208	251.040
n-Propanol	-----	2.015	177.576

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

Compound	Time (min)	Peak Area
Ethanol	1.372	314.307
n-Propanol	2.466	218.382

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 43
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 15Dec20
Instrument: US14173023 CN14160045	Injection date: 12/15/2020 7:04:28 PM
Data file: C:\Chem32\1\Data\15Dec20\43.D	Analyst: Abbott JA

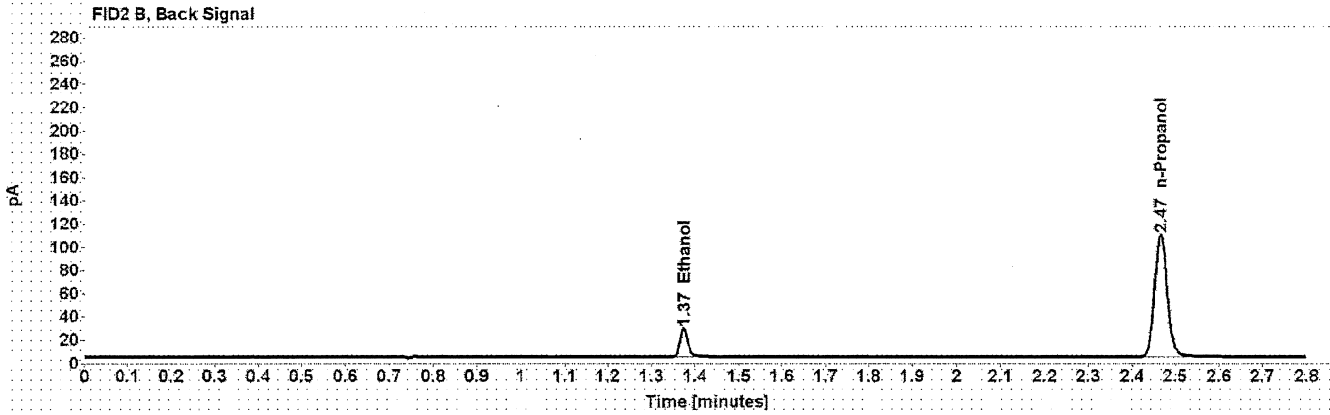
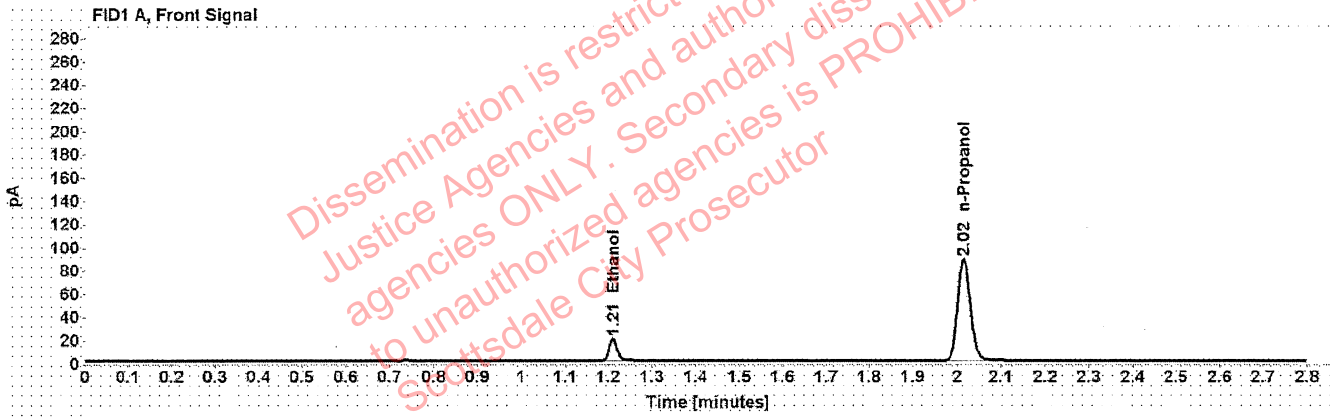


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0412	1.211	24.591
n-Propanol	-----	2.015	175.896

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

Compound	Time (min)	Peak Area
Ethanol	1.373	30.446
n-Propanol	2.466	215.599

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 407041529/13	Vial: 44
Description: 0.198	LIMS ID:
Method: ethanol quant.M	Sequence: 15Dec20
Instrument: US14173023 CN14160045	Injection date: 12/15/2020 7:08:27 PM
Data file: C:\Chem32\1\Data\15Dec20\44.D	Analyst: Abbott <i>JA</i>

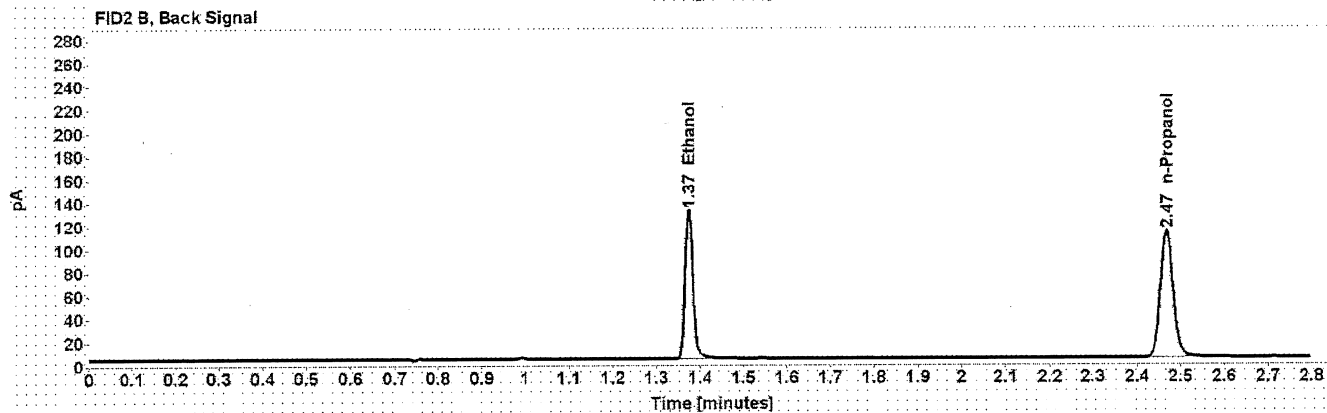
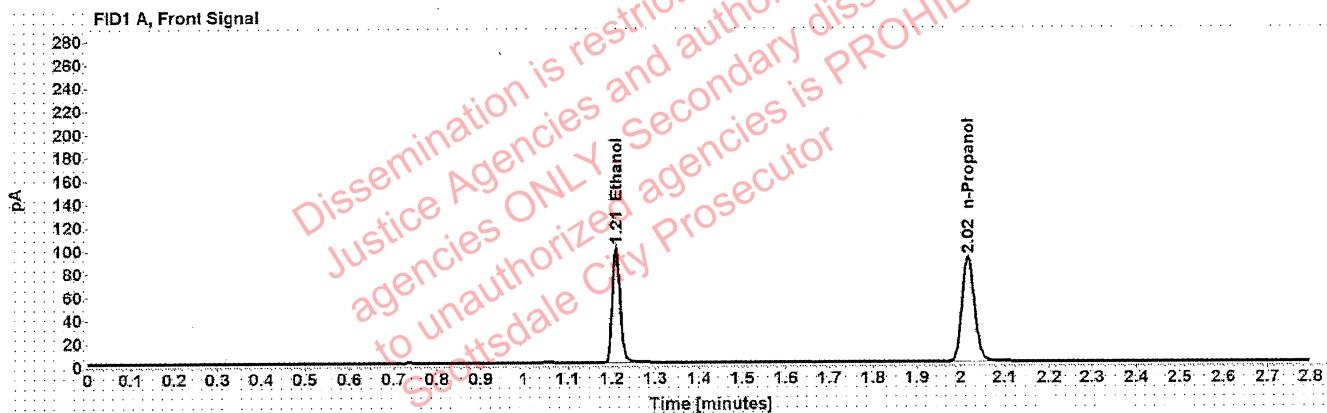


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2019	1.210	127.512
n-Propanol	-----	2.016	181.183

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

Compound	Time (min)	Peak Area
Ethanol	1.374	159.397
n-Propanol	2.468	222.584

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	111020WB	Vial:	45
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/15/2020 7:12:27 PM
Data file:	C:\Chem32\1\Data\15Dec20\45.D	Analyst:	Abbott JA

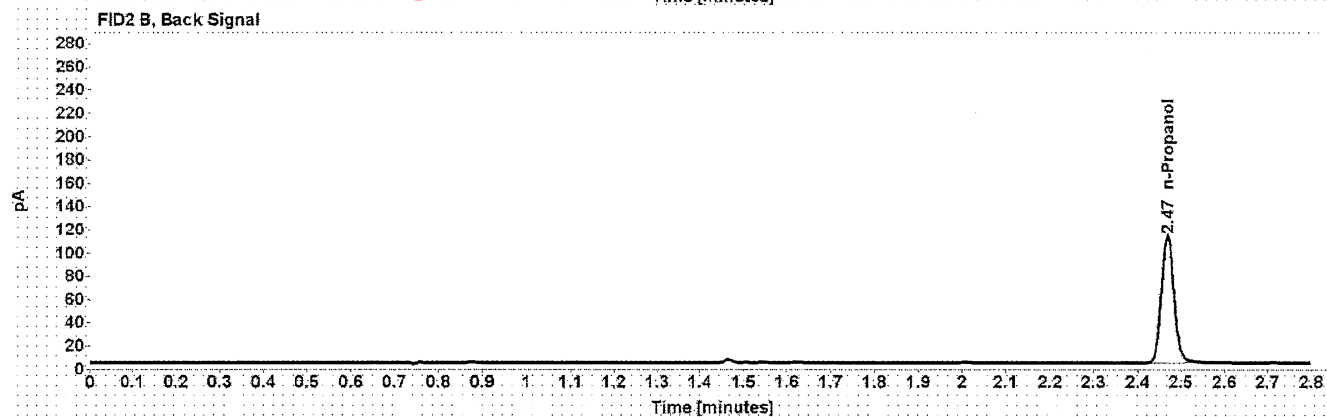
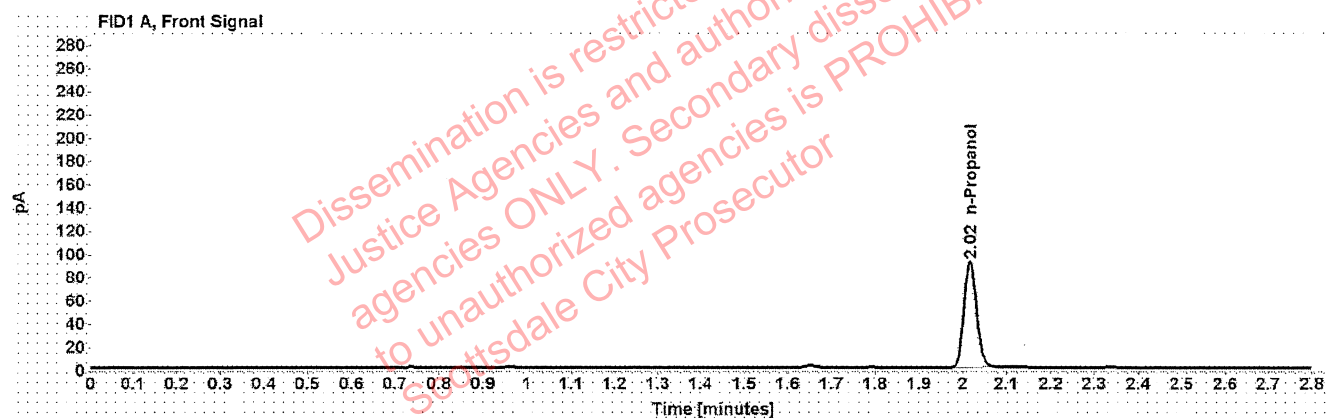


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.017	182.384

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

Compound	Time (min)	Peak Area
n-Propanol	2.468	223.936

Sequence Summary

Sequence name: 15Dec20 Instrument: US14173023 CN14160045 Analyst: Abbott *JA*

Vial	Sample	Description	Type	LIMS ID	Method
1	FN06141806	0.020 calibrator	Calibration		ethanol quant.M
2	FN05311902	0.100 calibrator	Calibration		ethanol quant.M
3	FN05101903	0.200 calibrator	Calibration		ethanol quant.M
4	FN10051906	0.400 calibrator	Calibration		ethanol quant.M
5	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	31001SB		Sample		ethanol quant.M
11	31001SB		Sample		ethanol quant.M
12	28501CB		Sample		ethanol quant.M
13	28501CB		Sample		ethanol quant.M
14	31801AB		Sample		ethanol quant.M
15	31801AB		Sample		ethanol quant.M
16	36201RA		Sample		ethanol quant.M
17	36201RA		Sample		ethanol quant.M
18	32601LJ		Sample		ethanol quant.M
19	32601LJ		Sample		ethanol quant.M
20	03102016-A/1	0.080	Control		ethanol quant.M
21	1327889		Sample		ethanol quant.M
22	1327889		Sample		ethanol quant.M
23	1327528		Sample		ethanol quant.M
24	1327528		Sample		ethanol quant.M
25	1349193		Sample		ethanol quant.M
26	1349193		Sample		ethanol quant.M
27	1350138		Sample		ethanol quant.M
28	1350138		Sample		ethanol quant.M
29	1350145		Sample		ethanol quant.M
30	1350145		Sample		ethanol quant.M
31	03102016-A/1	0.080	Control		ethanol quant.M
32	1349585		Sample		ethanol quant.M
33	1349585		Sample		ethanol quant.M
34	1350748		Sample		ethanol quant.M
35	1350748		Sample		ethanol quant.M
36	1350273		Sample		ethanol quant.M
37	1350273		Sample		ethanol quant.M
38	1350309		Sample		ethanol quant.M
39	1350309		Sample		ethanol quant.M
40	1350861		Sample		ethanol quant.M
41	1350861		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	111020WB	Negative	Control		ethanol quant.M

Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 15Dec20

ANALYST: Abbott *AL*

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1800	0.1772	0.17860	0.78	0.00140
12 13	0.0801	0.0804	0.08025	0.19	0.00015
14 15	0.3196	0.3212	0.32040	0.25	0.00080
16 17	0.2409	0.2393	0.24010	0.33	0.00080
18 19	0.2225	0.2220	0.22225	0.11	0.00025
21 22	0.1119	0.1117	0.11180	0.09	0.00010
23 24	0.1466	0.1468	0.14670	0.07	0.00010
25 26	0.1438	0.1434	0.14360	0.14	0.00020
27 28	0.2019	0.2014	0.20165	0.12	0.00025
29 30	0.0698	0.0702	0.07000	0.29	0.00020
32 33	0.2448	0.2458	0.24530	0.20	0.00050
34 35	0.2482	0.2489	0.24855	0.14	0.00035
36 37	0.1729	0.1726	0.17275	0.09	0.00015
38 39	0.0000	0.0000	0.00000	0.00	0.00000
40 41	0.2027	0.1999	0.20130	0.70	0.00140

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

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	31001SB	Vial:	10
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/15/2020 4:50:57 PM
Data file:	C:\Chem32\1\Data\15Dec20\10.D	Analyst:	Abbott

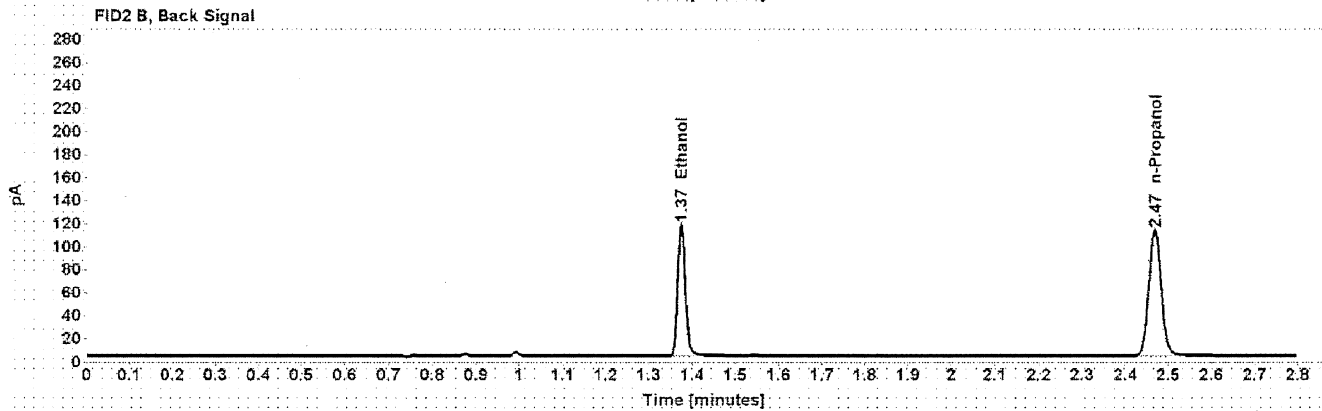
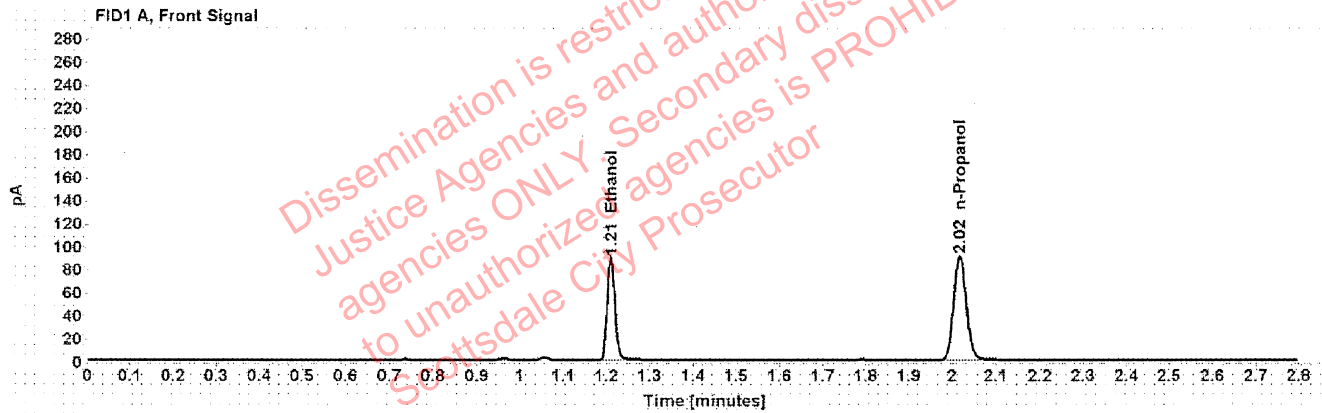


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1800	1.210	113.035
n-Propanol	-----	2.017	180.278

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

Compound	Time (min)	Peak Area
Ethanol	1.375	140.958
n-Propanol	2.468	222.018

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	31001SB	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/15/2020 4:54:57 PM
Data file:	C:\Chem32\1\Data\15Dec20\11.D	Analyst:	Abbott

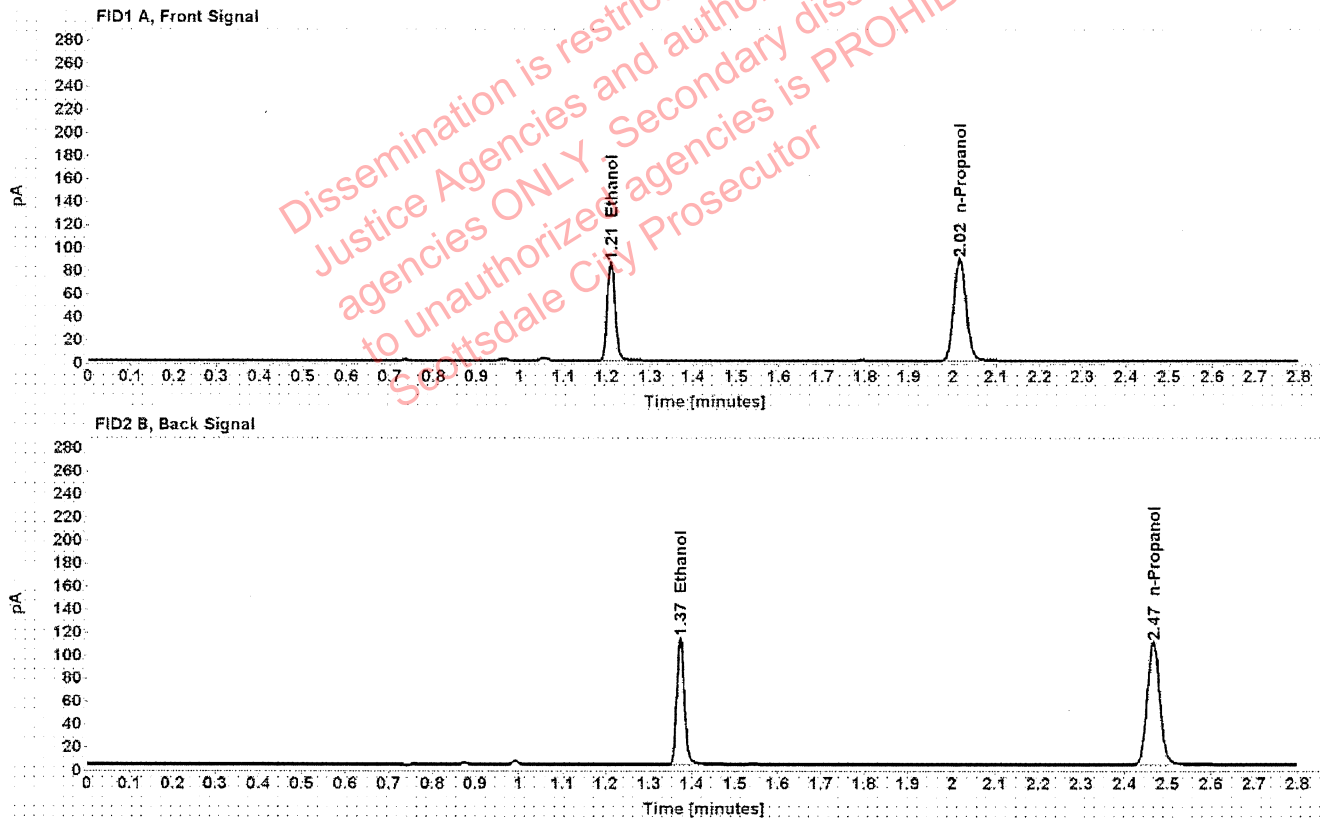


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1772	1.209	109.177
n-Propanol	-----	2.016	176.923

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

Compound	Time (min)	Peak Area
Ethanol	1.373	135.978
n-Propanol	2.466	217.585

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	28501CB	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/15/2020 4:58:57 PM
Data file:	C:\Chem32\1\Data\15Dec20\12.D	Analyst:	Abbott

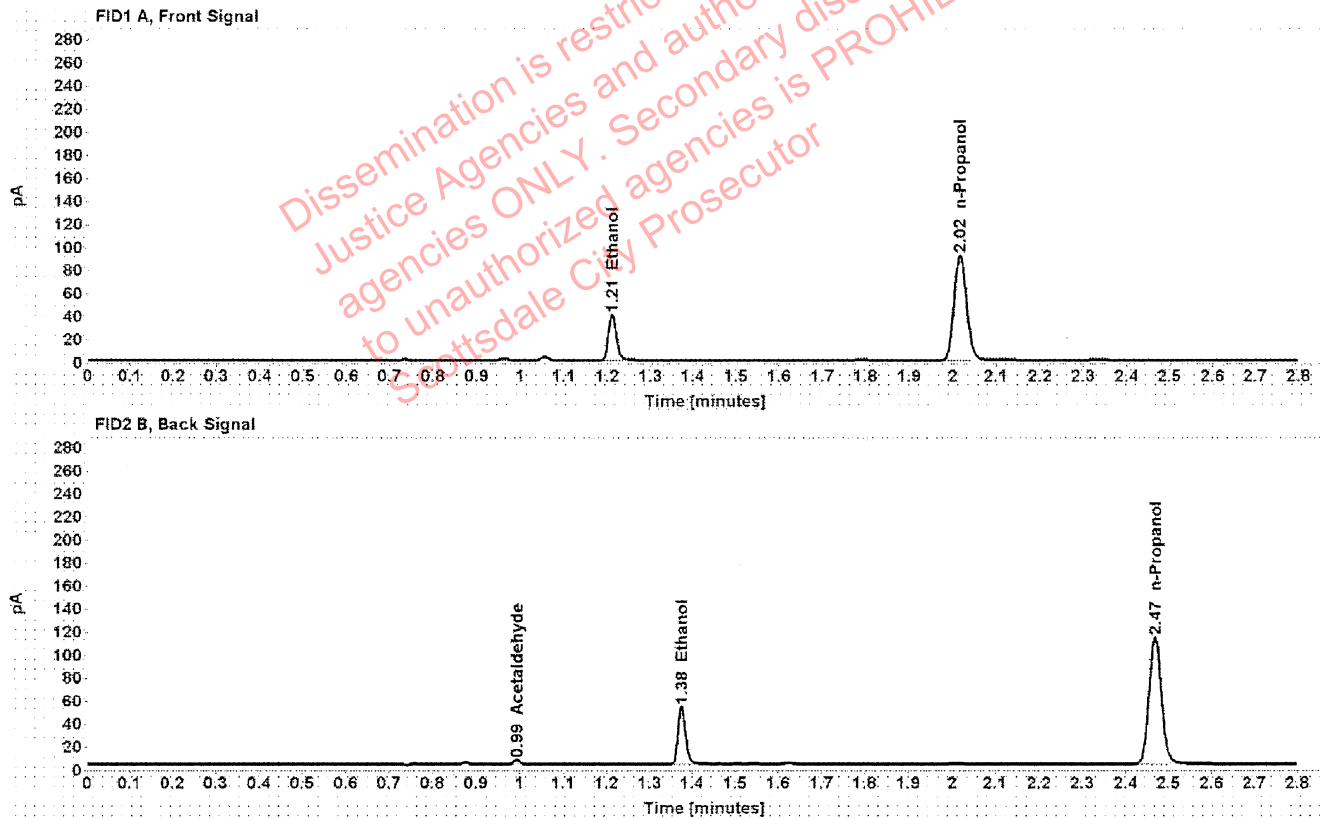


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0801	1.211	50.322
n-Propanol	-----	2.017	182.157

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	3.976
Ethanol	1.375	62.358
n-Propanol	2.468	224.862

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	28501CB	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/15/2020 5:03:12 PM
Data file:	C:\Chem32\1\Data\15Dec20\13.D	Analyst:	Abbott

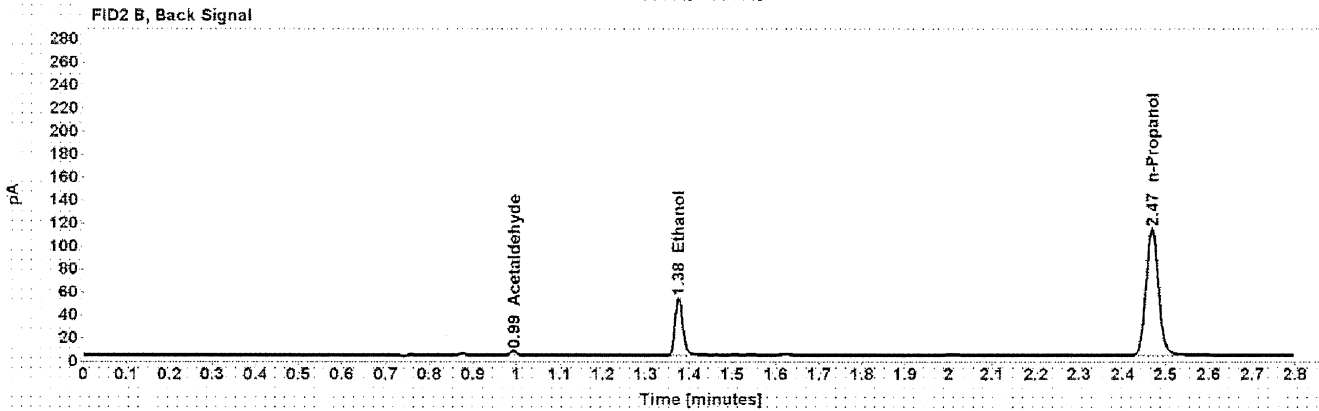
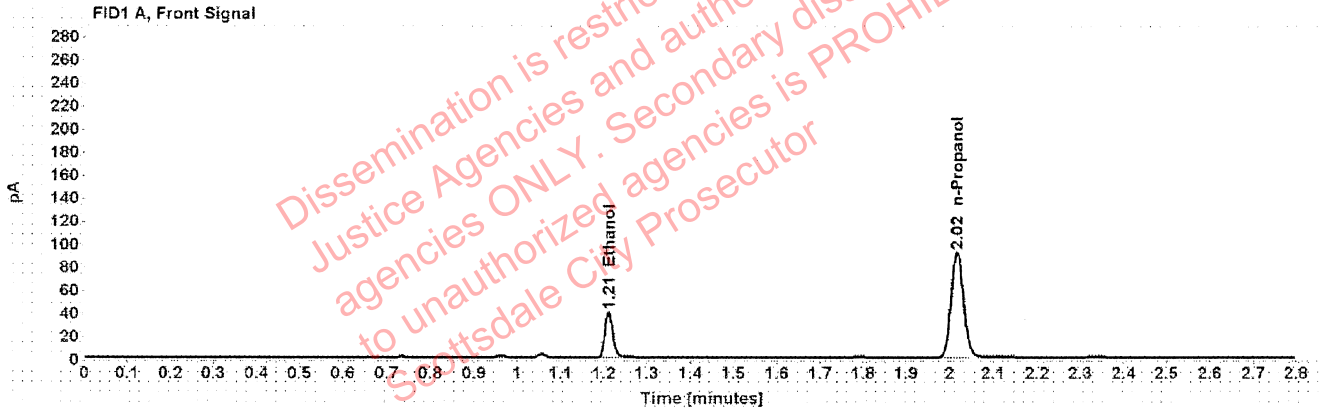


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0804	1.211	50.417
n-Propanol	-----	2.017	181.788

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	3.921
Ethanol	1.375	62.419
n-Propanol	2.468	224.445

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	31801AB	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/15/2020 5:07:12 PM
Data file:	C:\Chem32\1\Data\15Dec20\14.D	Analyst:	Abbott

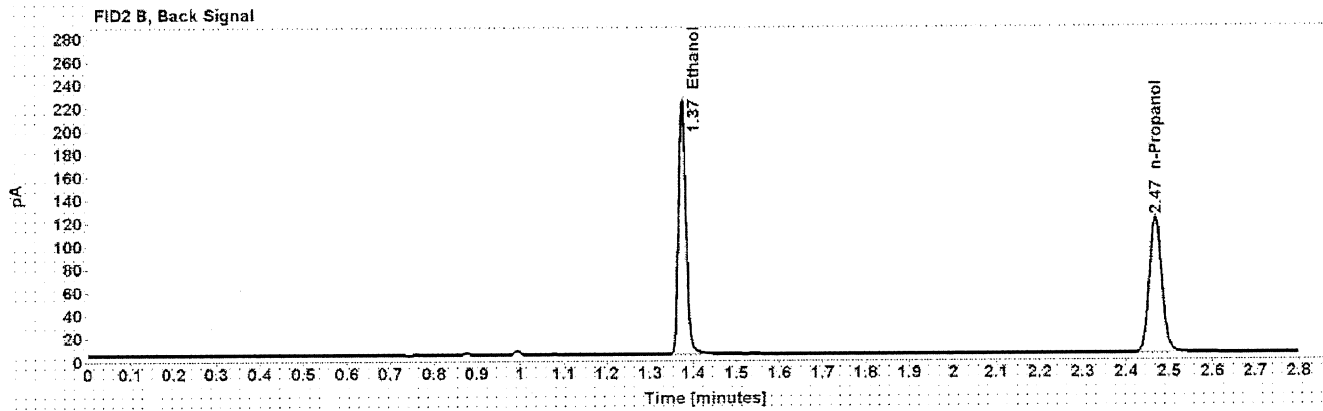
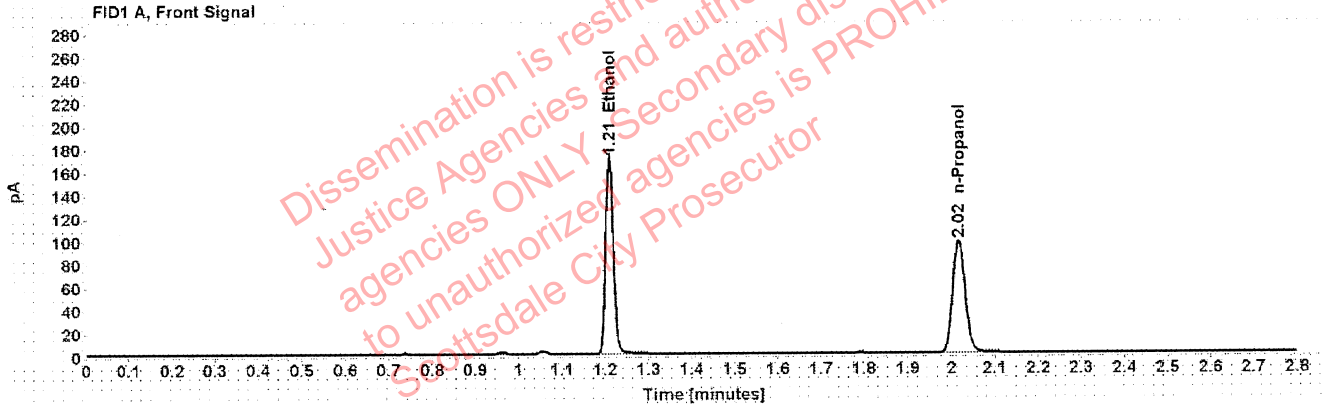


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3196	1.210	216.905
n-Propanol	-----	2.017	194.199

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

Compound	Time (min)	Peak Area
Ethanol	1.375	271.654
n-Propanol	2.468	239.383

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	31801AB	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/15/2020 5:11:12 PM
Data file:	C:\Chem32\1\Data\15Dec20\15.D	Analyst:	Abbott

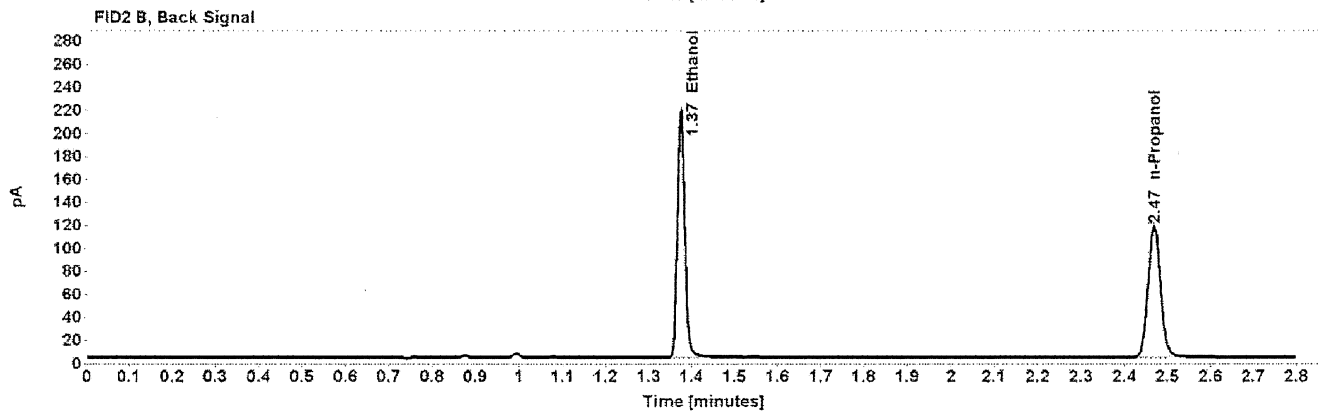
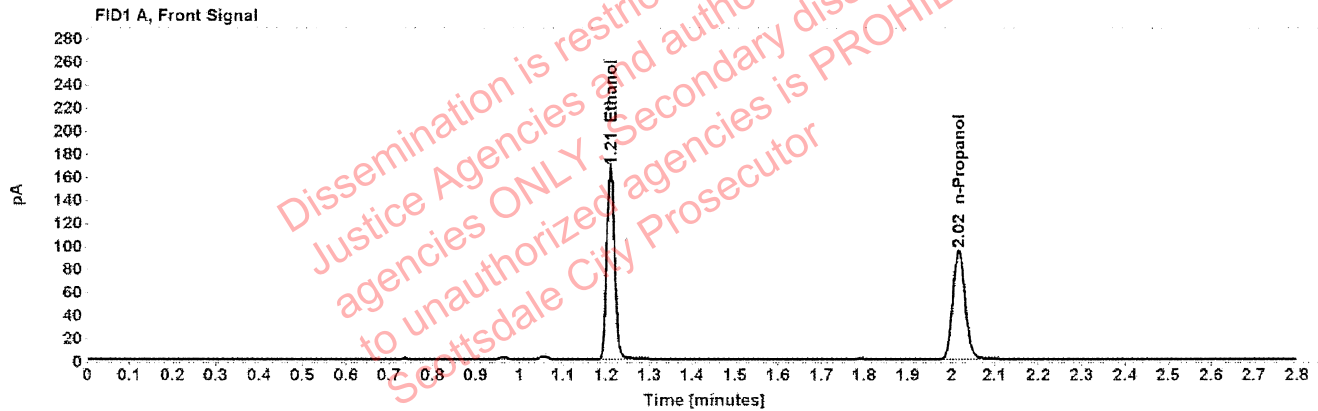


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3212	1.210	211.503
n-Propanol	-----	2.017	188.436

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

Compound	Time (min)	Peak Area
Ethanol	1.375	264.953
n-Propanol	2.468	232.063

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	36201RA	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/15/2020 5:15:12 PM
Data file:	C:\Chem32\1\Data\15Dec20\16.D	Analyst:	Abbott

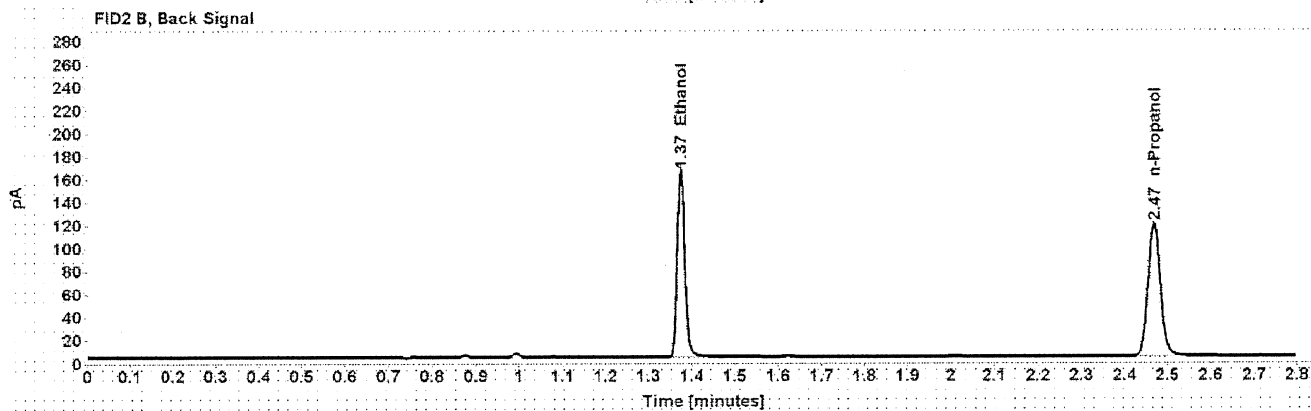
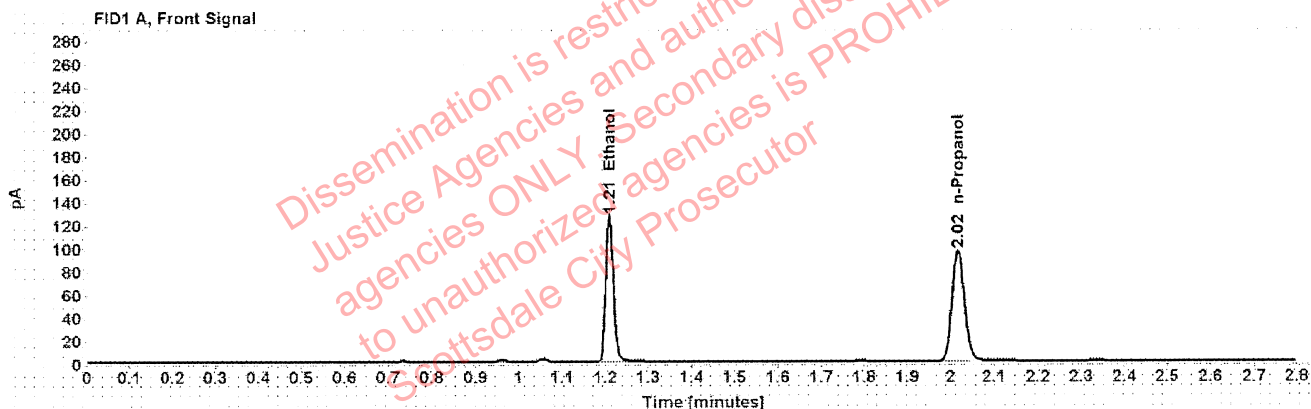


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2409	1.210	160.476
n-Propanol	-----	2.017	190.860

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

Compound	Time (min)	Peak Area
Ethanol	1.375	201.946
n-Propanol	2.469	235.455

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	36201RA	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/15/2020 5:19:12 PM
Data file:	C:\Chem32\1\Data\15Dec20\17.D	Analyst:	Abbott

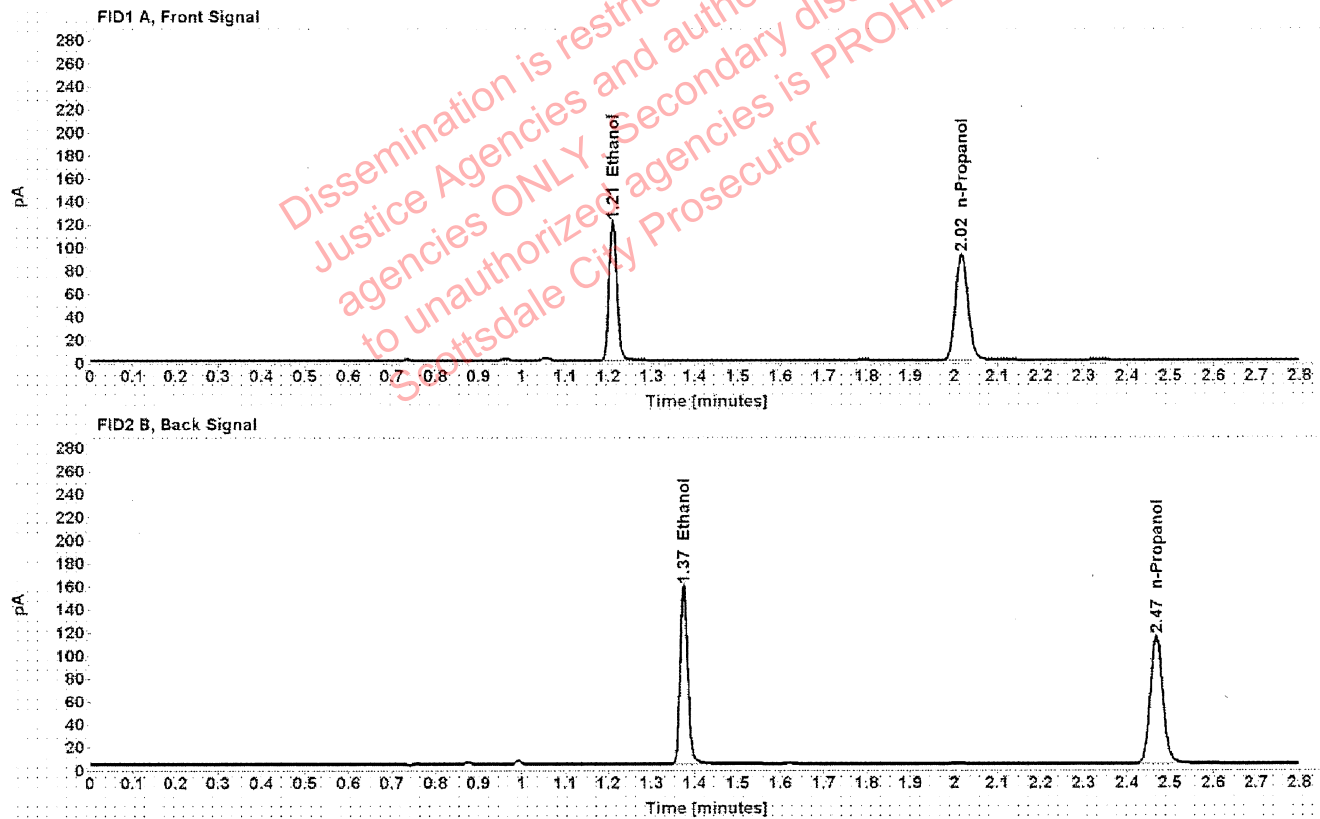


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2393	1.210	153.386
n-Propanol	-----	2.017	183.699

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

Compound	Time (min)	Peak Area
Ethanol	1.375	193.128
n-Propanol	2.468	226.361

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32601LJ	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/15/2020 5:23:12 PM
Data file:	C:\Chem32\1\Data\15Dec20\18.D	Analyst:	Abbott

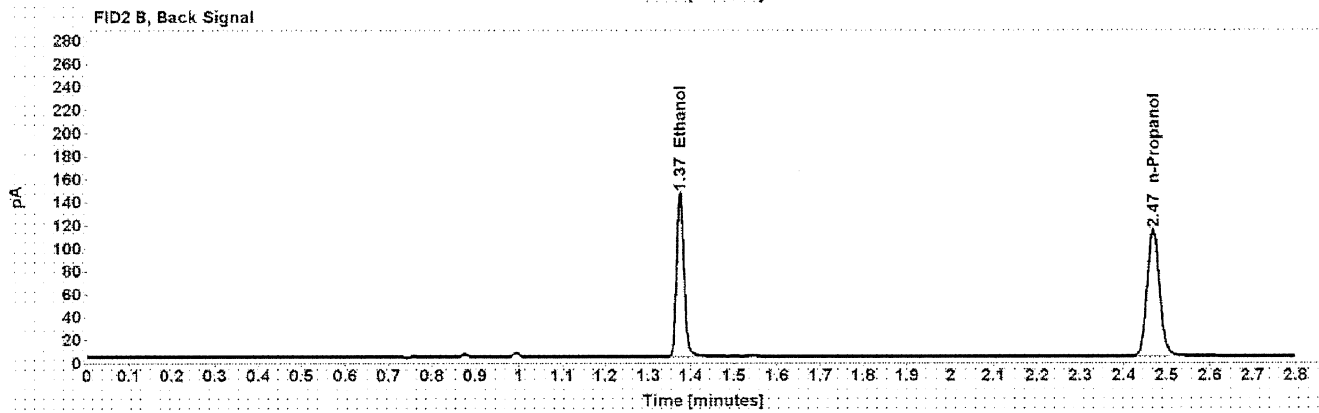
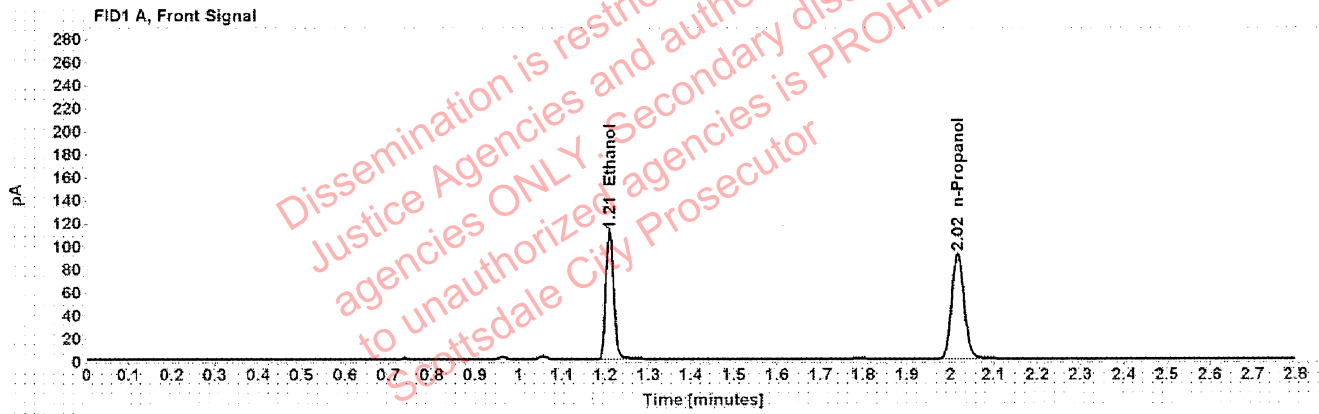


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2225	1.210	141.490
n-Propanol	-----	2.017	182.312

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

Compound	Time (min)	Peak Area
Ethanol	1.375	177.018
n-Propanol	2.468	223.931

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32601LJ	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/15/2020 5:27:27 PM
Data file:	C:\Chem32\1\Data\15Dec20\19.D	Analyst:	Abbott

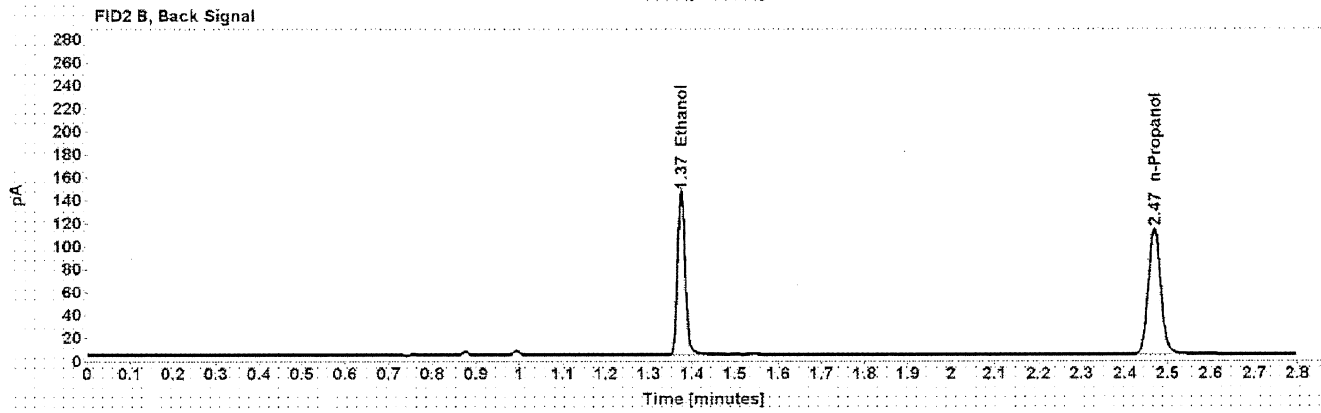
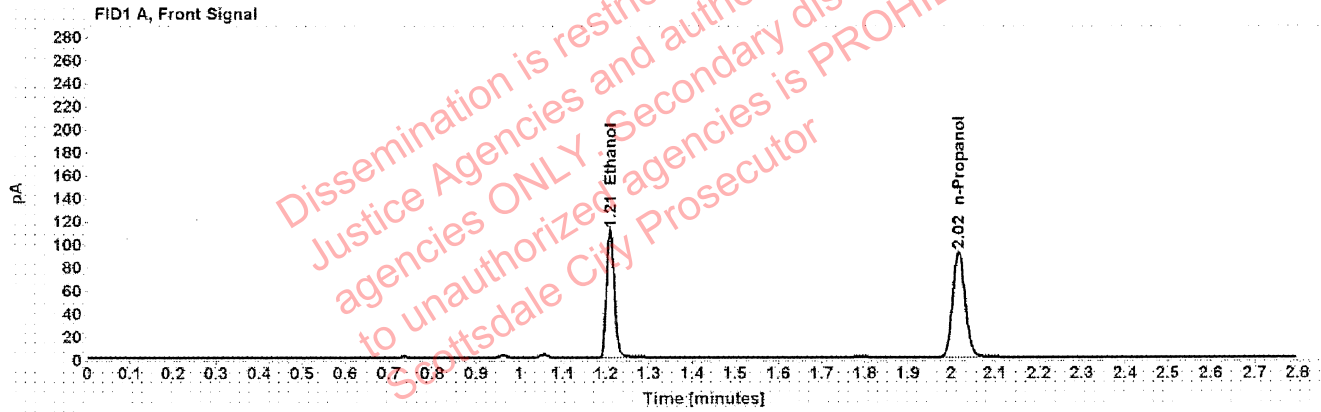


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2220	1.210	140.908
n-Propanol	-----	2.017	182.011

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

Compound	Time (min)	Peak Area
Ethanol	1.375	176.242
n-Propanol	2.468	223.398

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1327889	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/15/2020 5:35:27 PM
Data file:	C:\Chem32\1\Data\15Dec20\21.D	Analyst:	Abbott

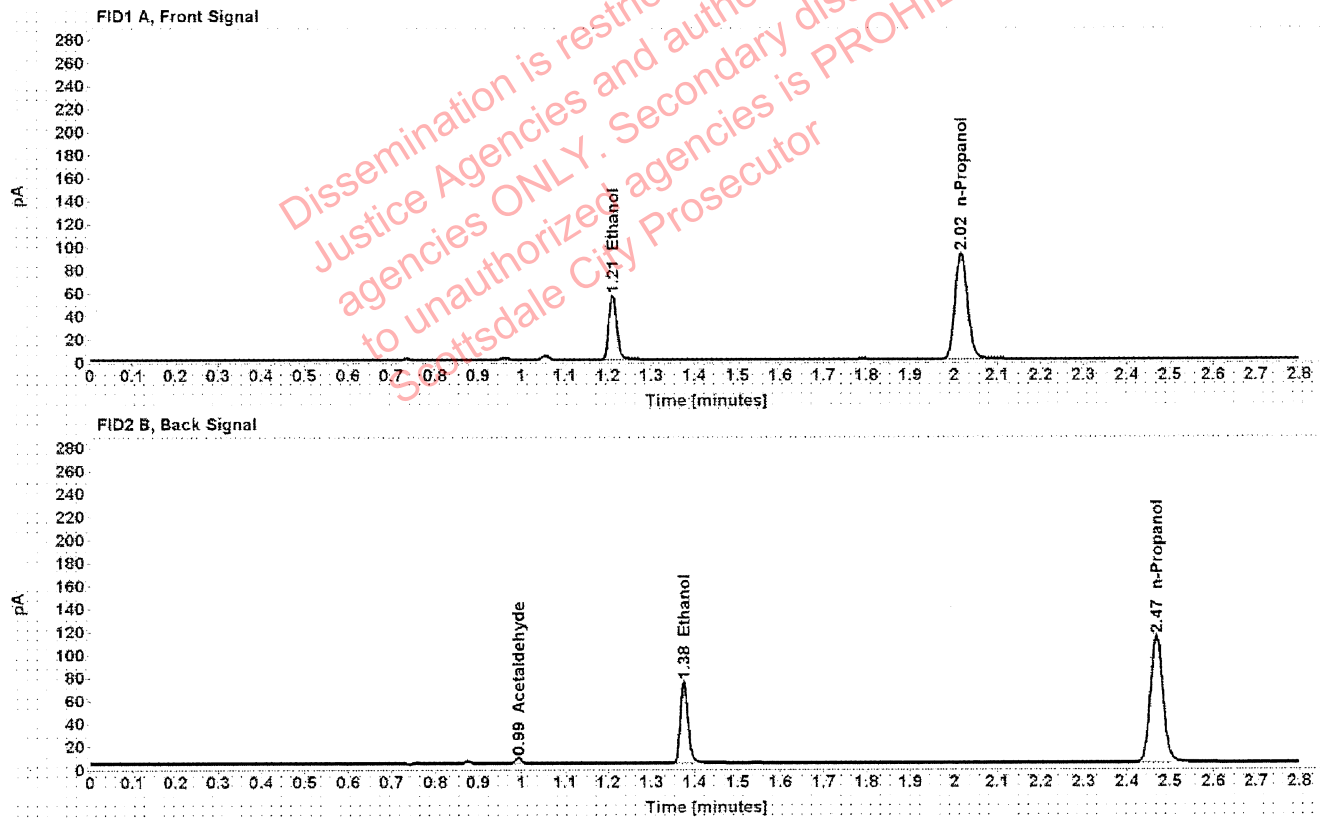


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1119	1.211	71.159
n-Propanol	-----	2.017	183.491

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.530
Ethanol	1.375	88.427
n-Propanol	2.468	225.272

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1327889	Vial:	22
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/15/2020 5:39:27 PM
Data file:	C:\Chem32\1\Data\15Dec20\22.D	Analyst:	Abbott

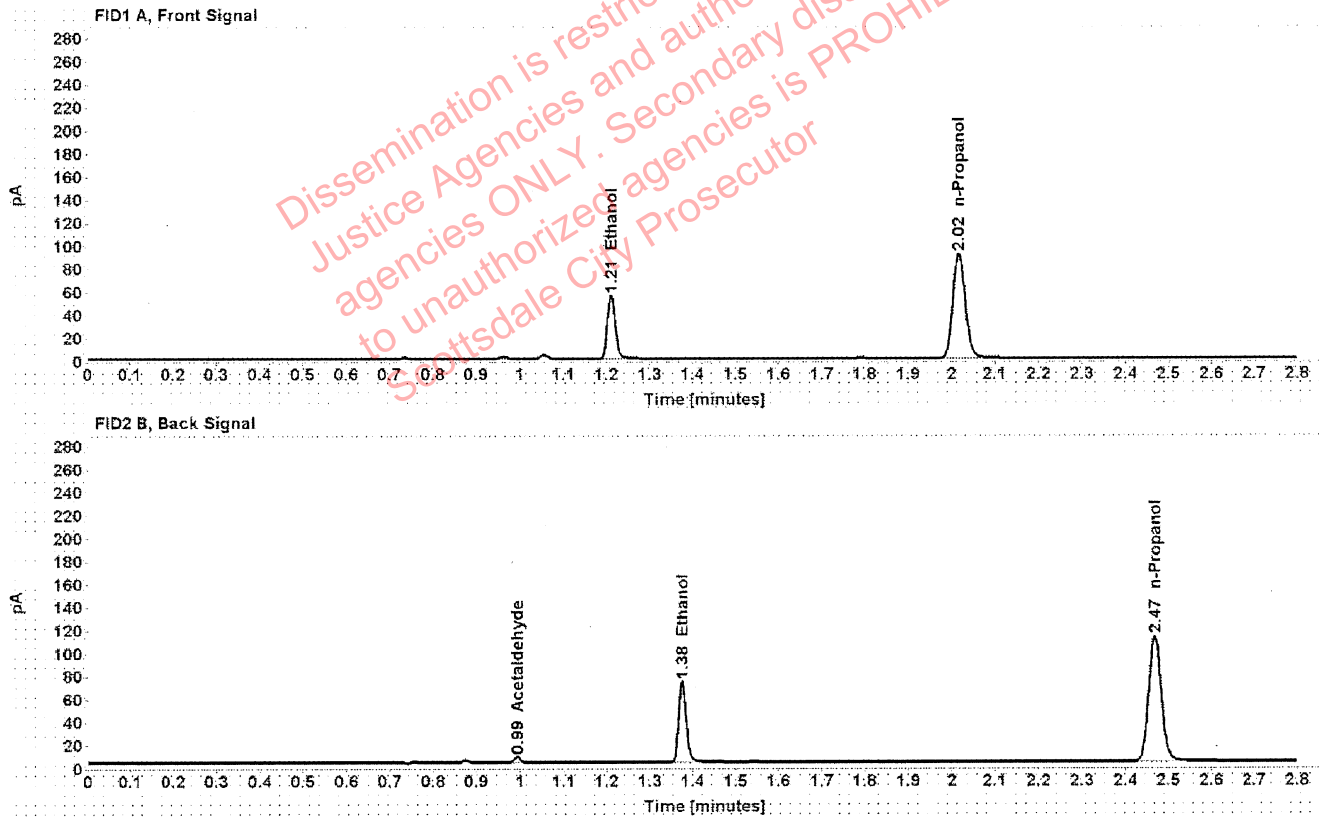


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1117	1.211	70.304
n-Propanol	-----	2.017	181.635

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.534
Ethanol	1.375	87.280
n-Propanol	2.468	223.219

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1327528	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/15/2020 5:43:27 PM
Data file:	C:\Chem32\1\Data\15Dec20\23.D	Analyst:	Abbott

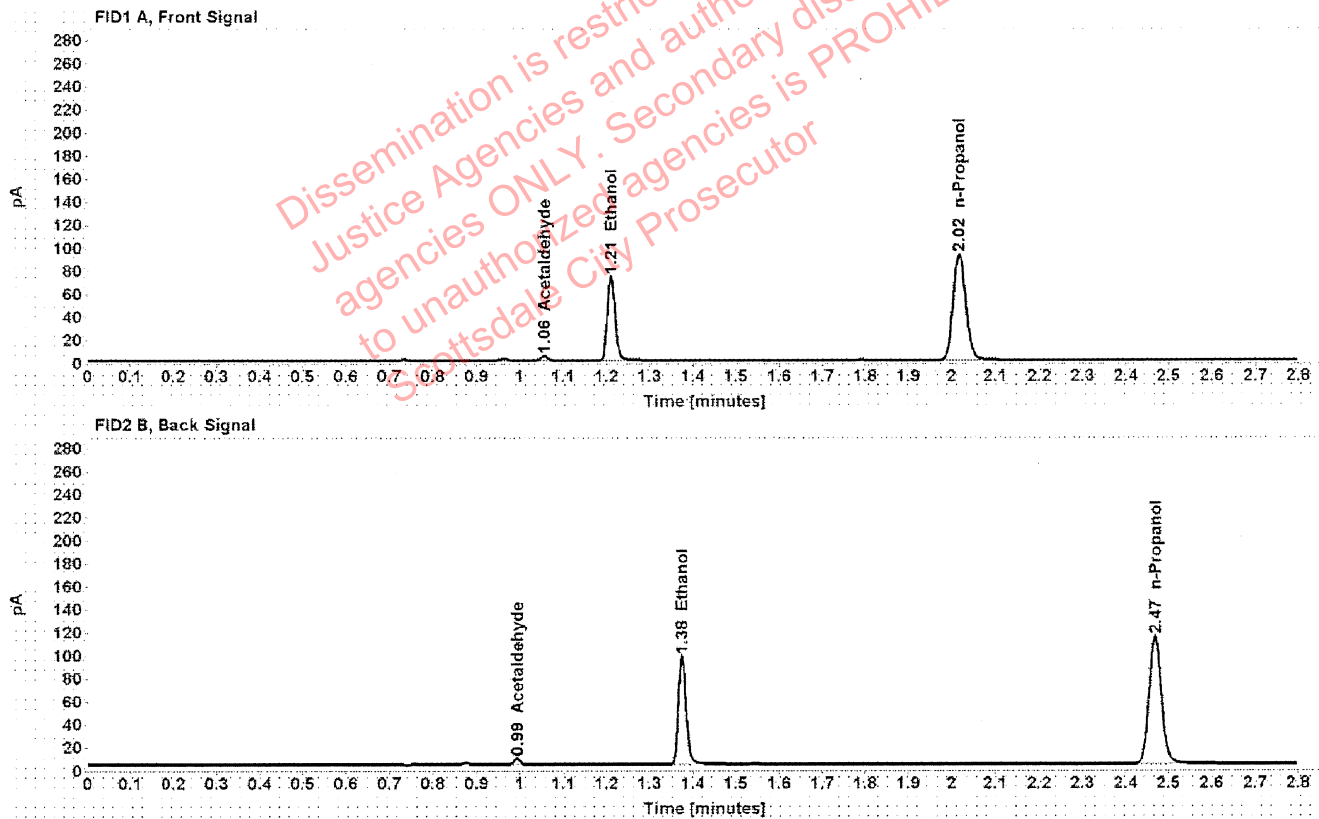


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	3.978
>Ethanol	0.1466	1.211	93.655
n-Propanol	-----	2.017	183.717

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5.200
Ethanol	1.375	116.188
n-Propanol	2.468	225.571

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1327528	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/15/2020 5:47:27 PM
Data file:	C:\Chem32\1\Data\15Dec20\24.D	Analyst:	Abbott

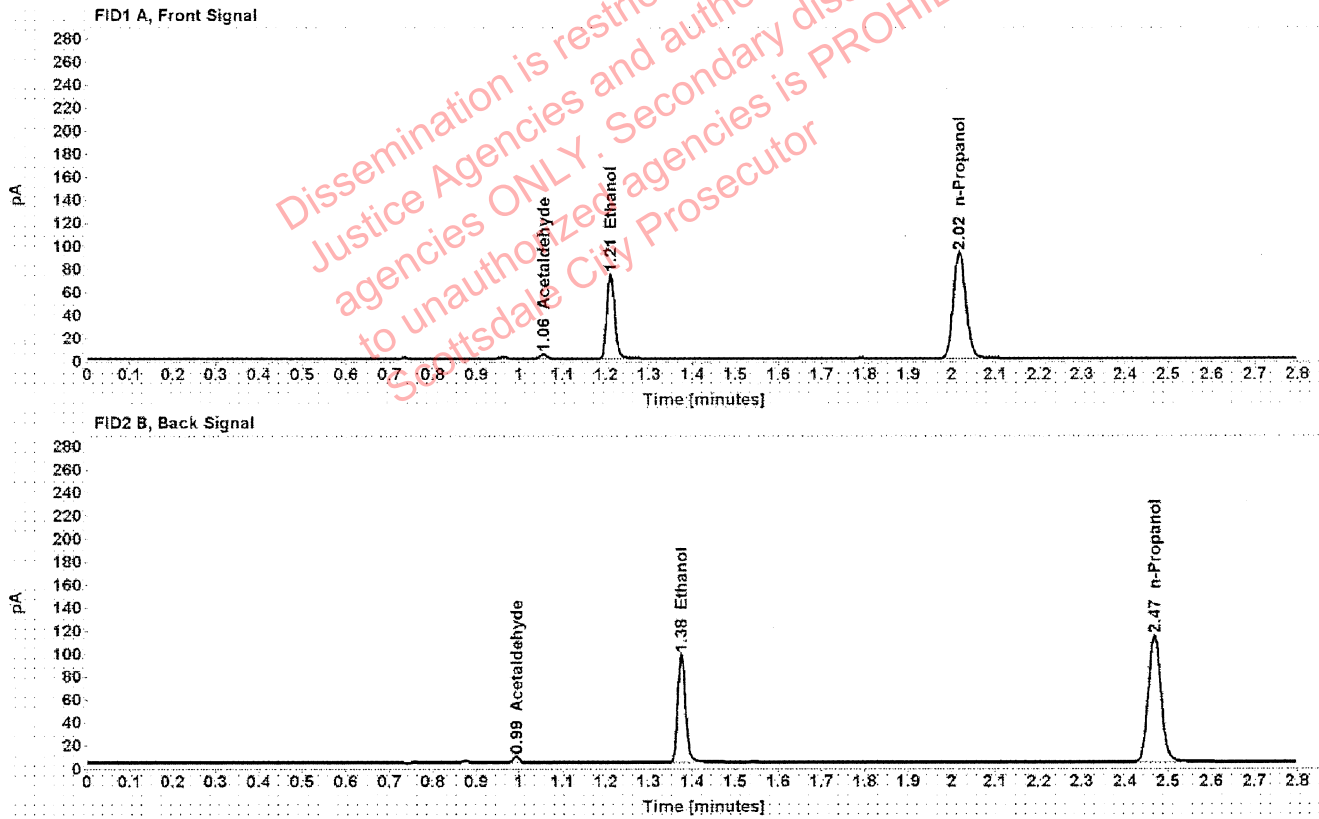


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	3.919
>Ethanol	0.1468	1.211	93.900
n-Propanol	-----	2.017	183.948

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5.124
Ethanol	1.375	116.609
n-Propanol	2.469	226.245

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1349193	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/15/2020 5:51:42 PM
Data file:	C:\Chem32\1\Data\15Dec20\25.D	Analyst:	Abbott

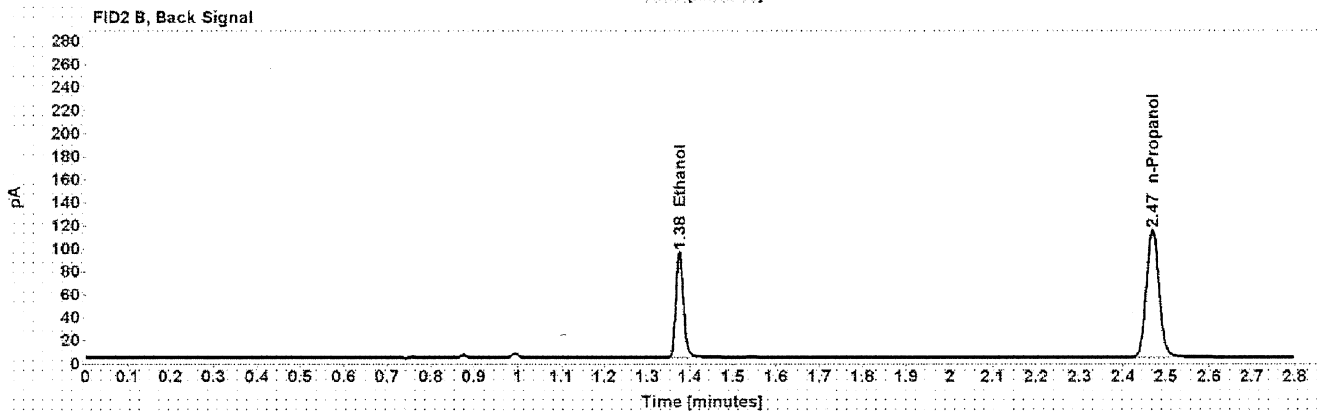
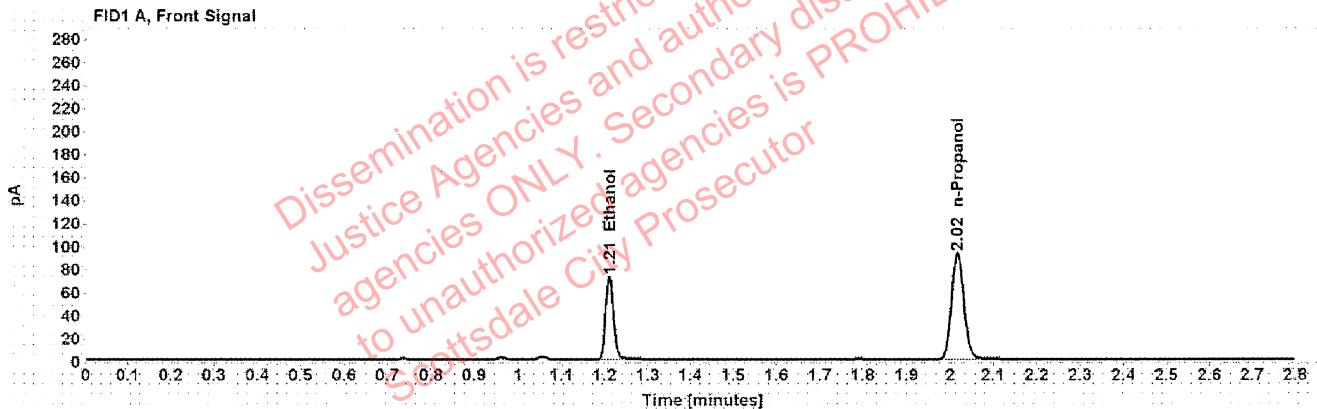


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1438	1.211	92.136
n-Propanol	-----	2.017	184.284

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

Compound	Time (min)	Peak Area
Ethanol	1.375	114.172
n-Propanol	2.469	226.529

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1349193	Vial: 26
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 15Dec20
Instrument: US14173023 CN14160045	Injection date: 12/15/2020 5:55:43 PM
Data file: C:\Chem32\1\Data\15Dec20\26.D	Analyst: Abbott

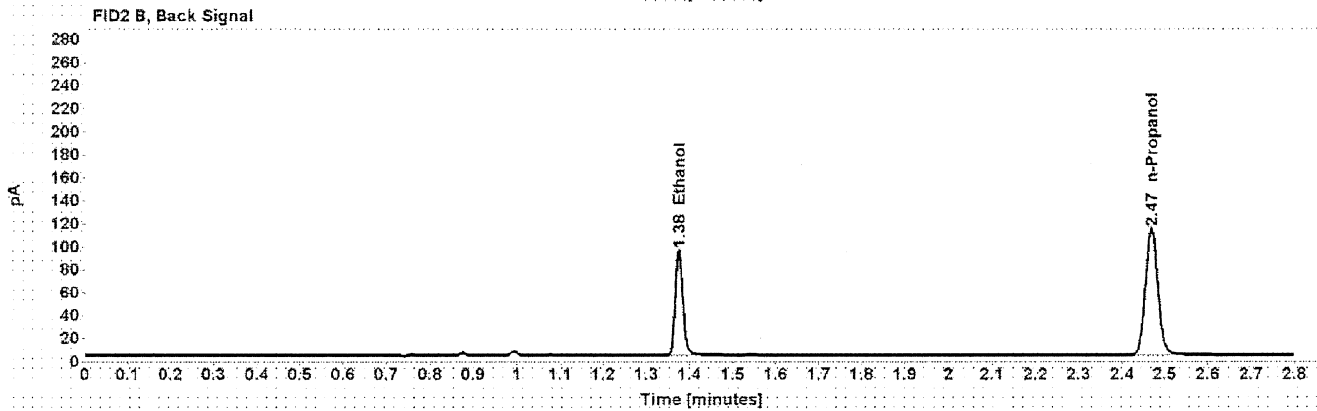
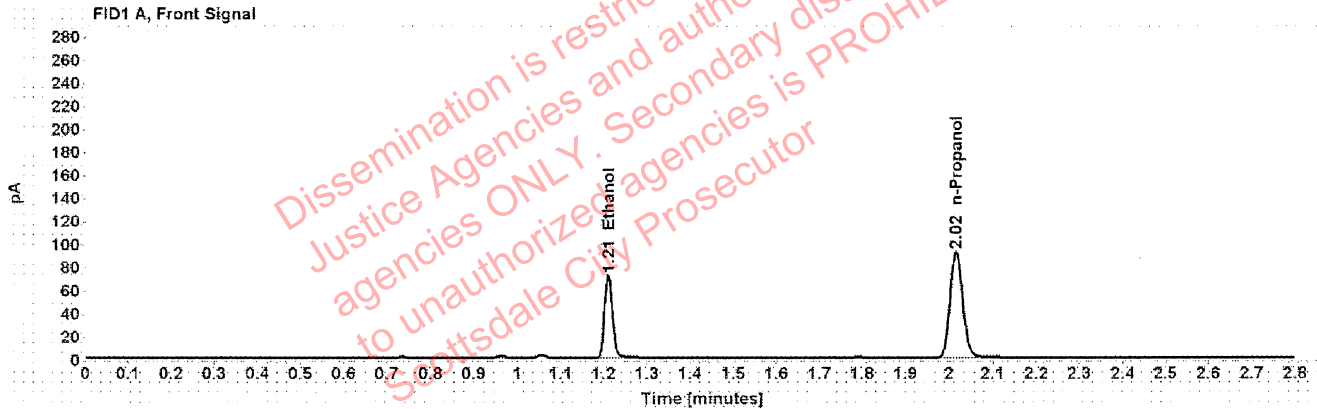


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1434	1.211	91.584
n-Propanol	-----	2.017	183.710

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

Compound	Time (min)	Peak Area
Ethanol	1.375	113.621
n-Propanol	2.468	225.773

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1350138	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/15/2020 5:59:42 PM
Data file:	C:\Chem32\1\Data\15Dec20\27.D	Analyst:	Abbott

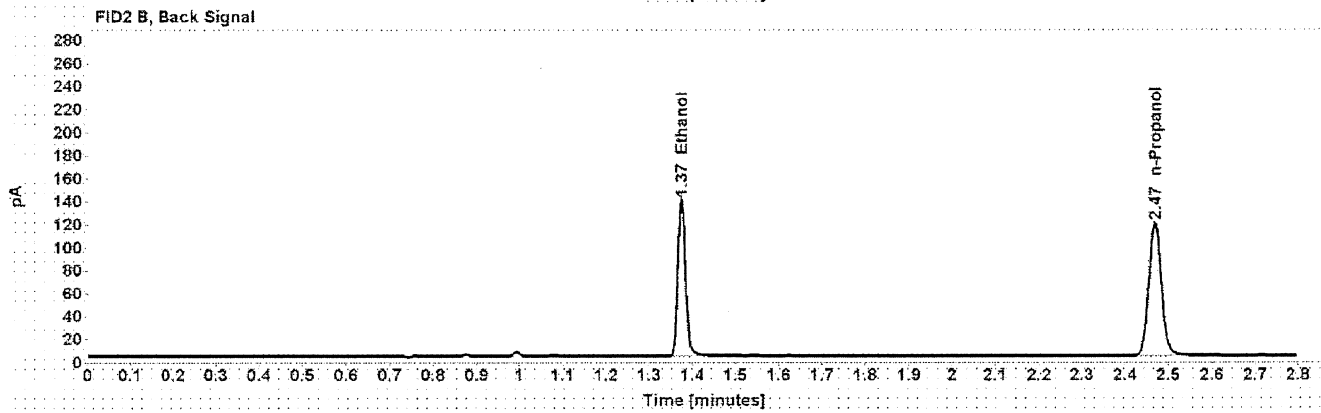
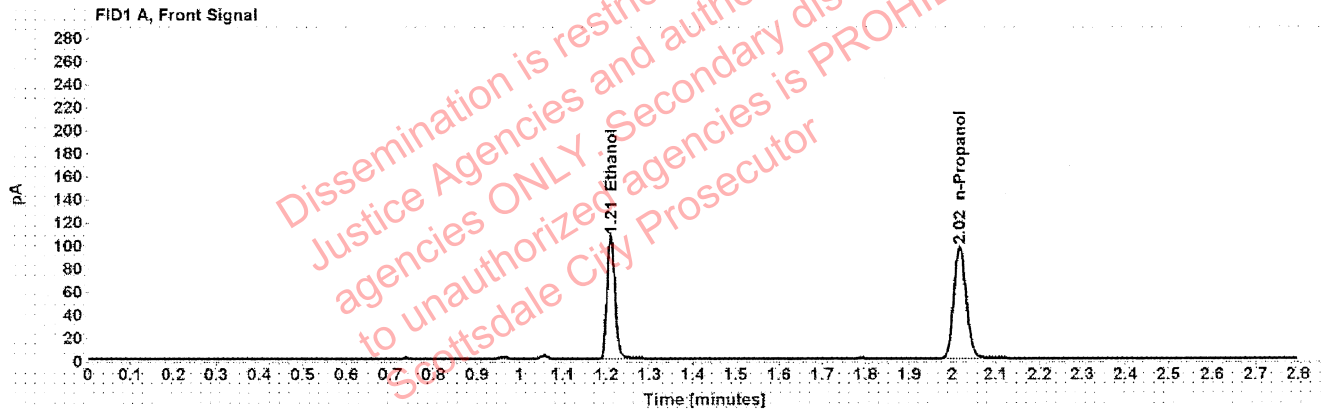


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2019	1.210	135.534
n-Propanol	-----	2.017	192.576

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

Compound	Time (min)	Peak Area
Ethanol	1.375	168.752
n-Propanol	2.469	236.606

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1350138	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/15/2020 6:03:42 PM
Data file:	C:\Chem32\1\Data\15Dec20\28.D	Analyst:	Abbott

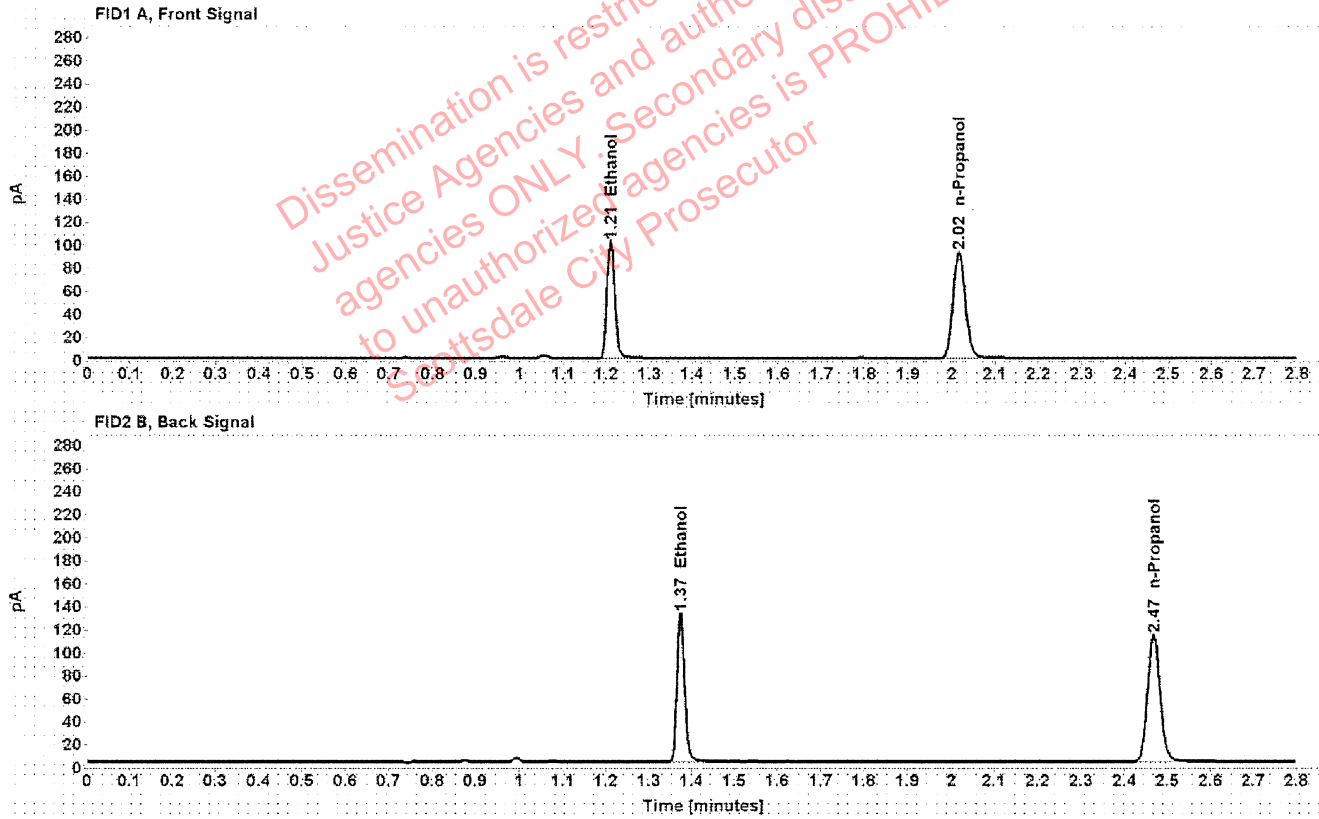


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2014	1.210	128.916
n-Propanol	-----	2.016	183.635

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

Compound	Time (min)	Peak Area
Ethanol	1.374	161.206
n-Propanol	2.468	225.897

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1350145	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/15/2020 6:07:42 PM
Data file:	C:\Chem32\1\Data\15Dec20\29.D	Analyst:	Abbott

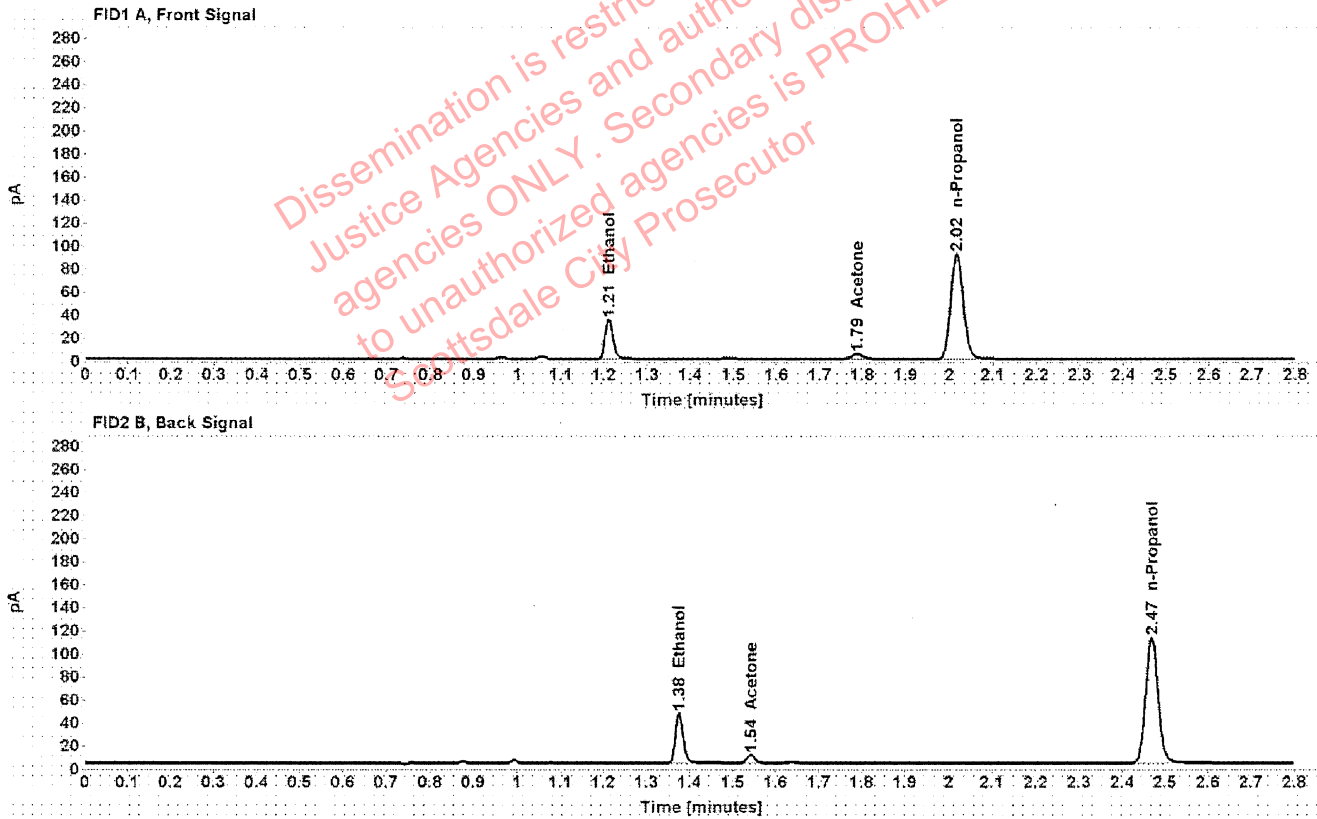


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0698	1.211	43.768
Acetone	-----	1.787	7.615
n-Propanol	-----	2.017	182.330

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

Compound	Time (min)	Peak Area
Ethanol	1.376	54.087
Acetone	1.542	9.280
n-Propanol	2.468	223.771

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1350145	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/15/2020 6:11:42 PM
Data file:	C:\Chem32\1\Data\15Dec20\30.D	Analyst:	Abbott

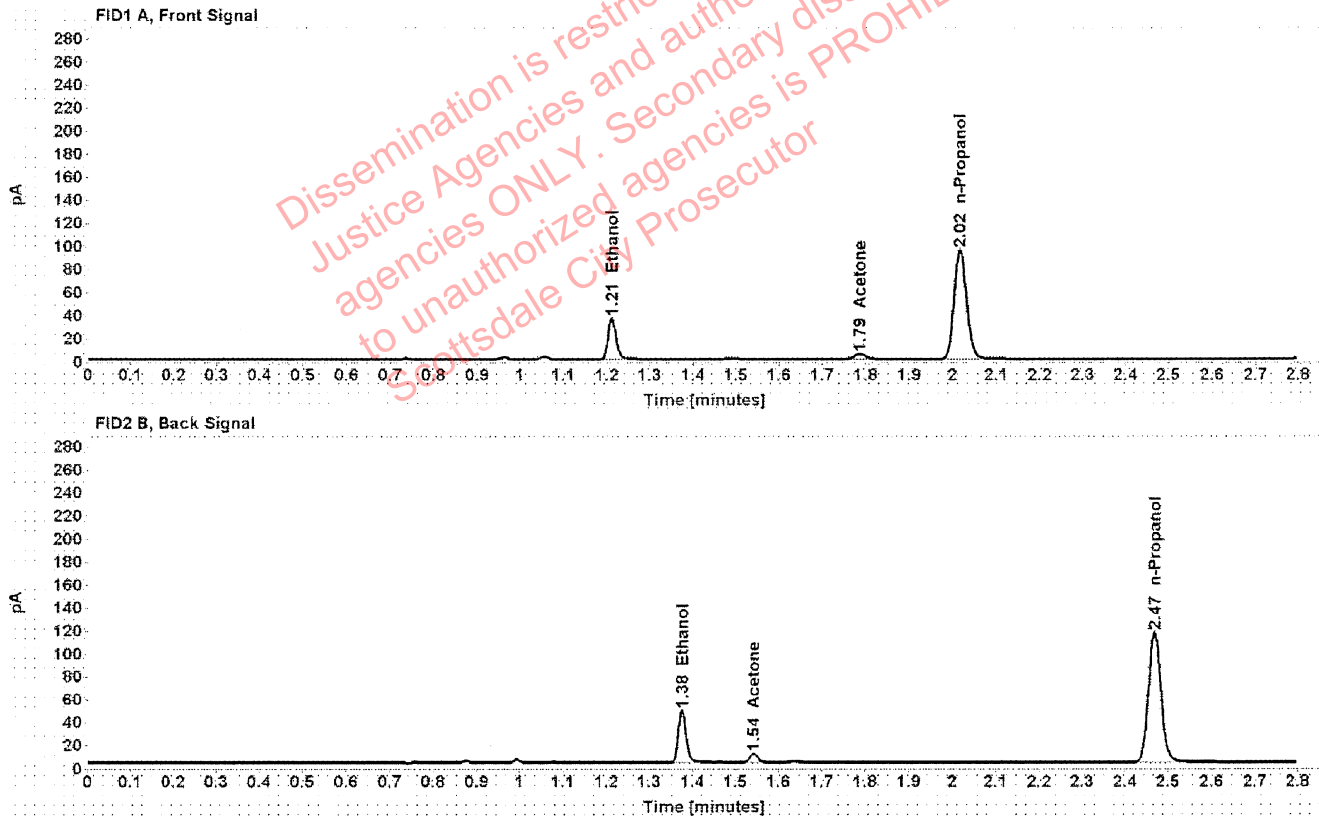


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0702	1.211	45.638
Acetone	-----	1.787	7.758
n-Propanol	-----	2.017	188.919

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

Compound	Time (min)	Peak Area
Ethanol	1.376	56.335
Acetone	1.543	9.456
n-Propanol	2.468	231.916

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1349585	Vial:	32
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/15/2020 6:19:57 PM
Data file:	C:\Chem32\1\Data\15Dec20\32.D	Analyst:	Abbott

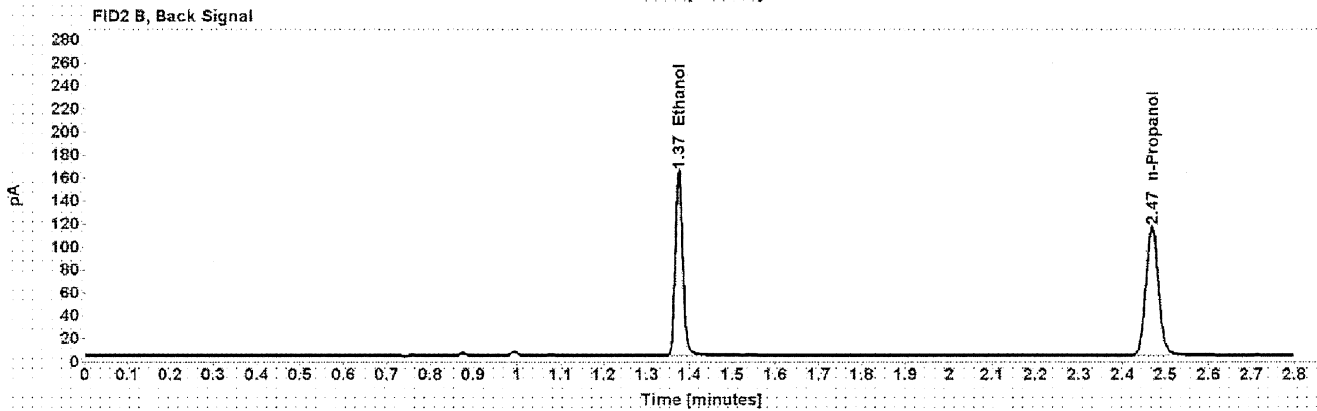
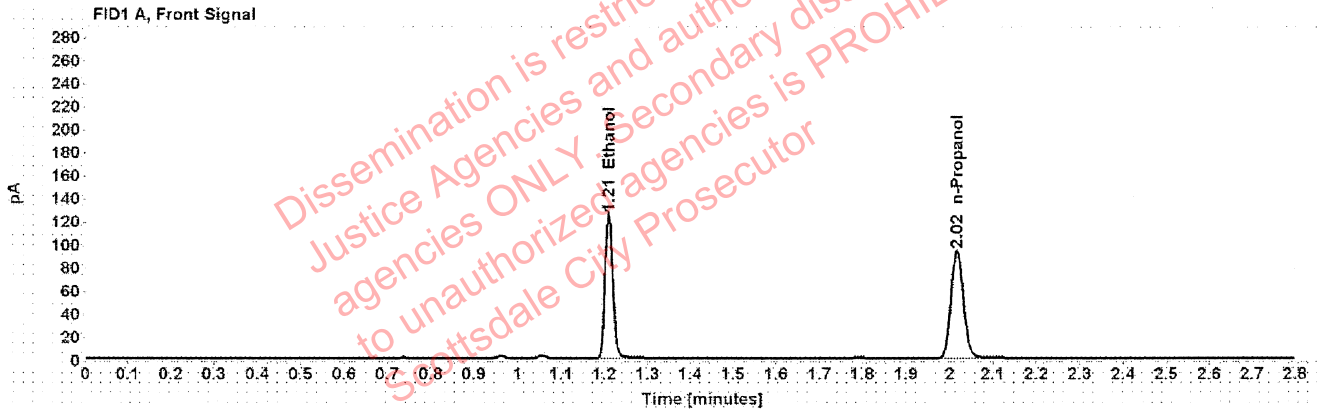


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2448	1.210	159.020
n-Propanol	-----	2.017	186.109

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

Compound	Time (min)	Peak Area
Ethanol	1.375	198.614
n-Propanol	2.468	228.753

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1349585	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/15/2020 6:23:57 PM
Data file:	C:\Chem32\1\Data\15Dec20\33.D	Analyst:	Abbott

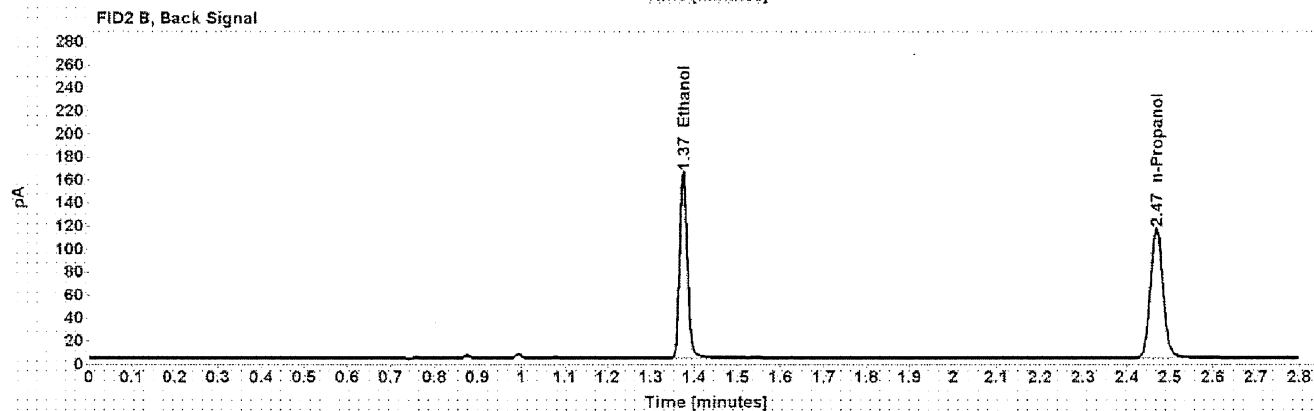
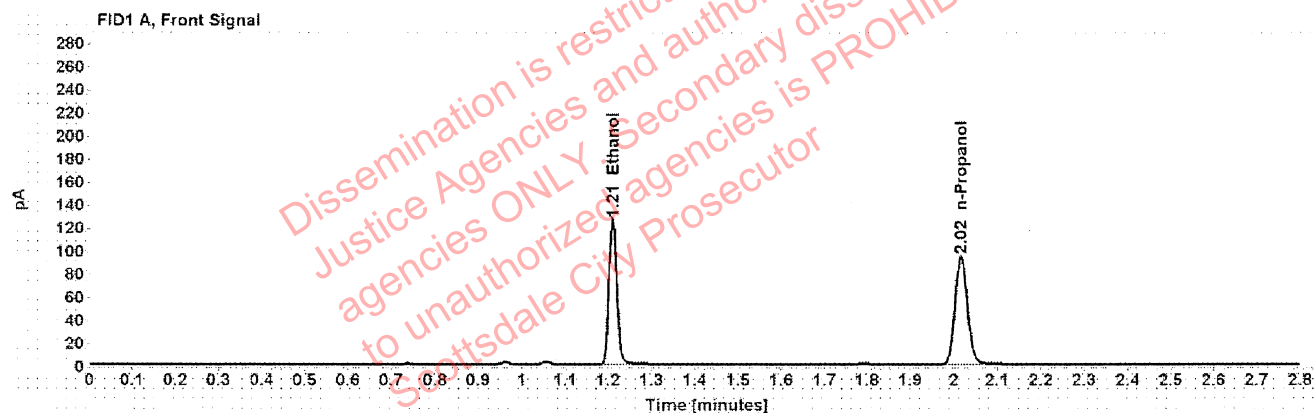


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2458	1.210	159.920
n-Propanol	-----	2.017	186.398

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

Compound	Time (min)	Peak Area
Ethanol	1.375	199.725
n-Propanol	2.468	229.042

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1350748	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/15/2020 6:27:57 PM
Data file:	C:\Chem32\1\Data\15Dec20\34.D	Analyst:	Abbott

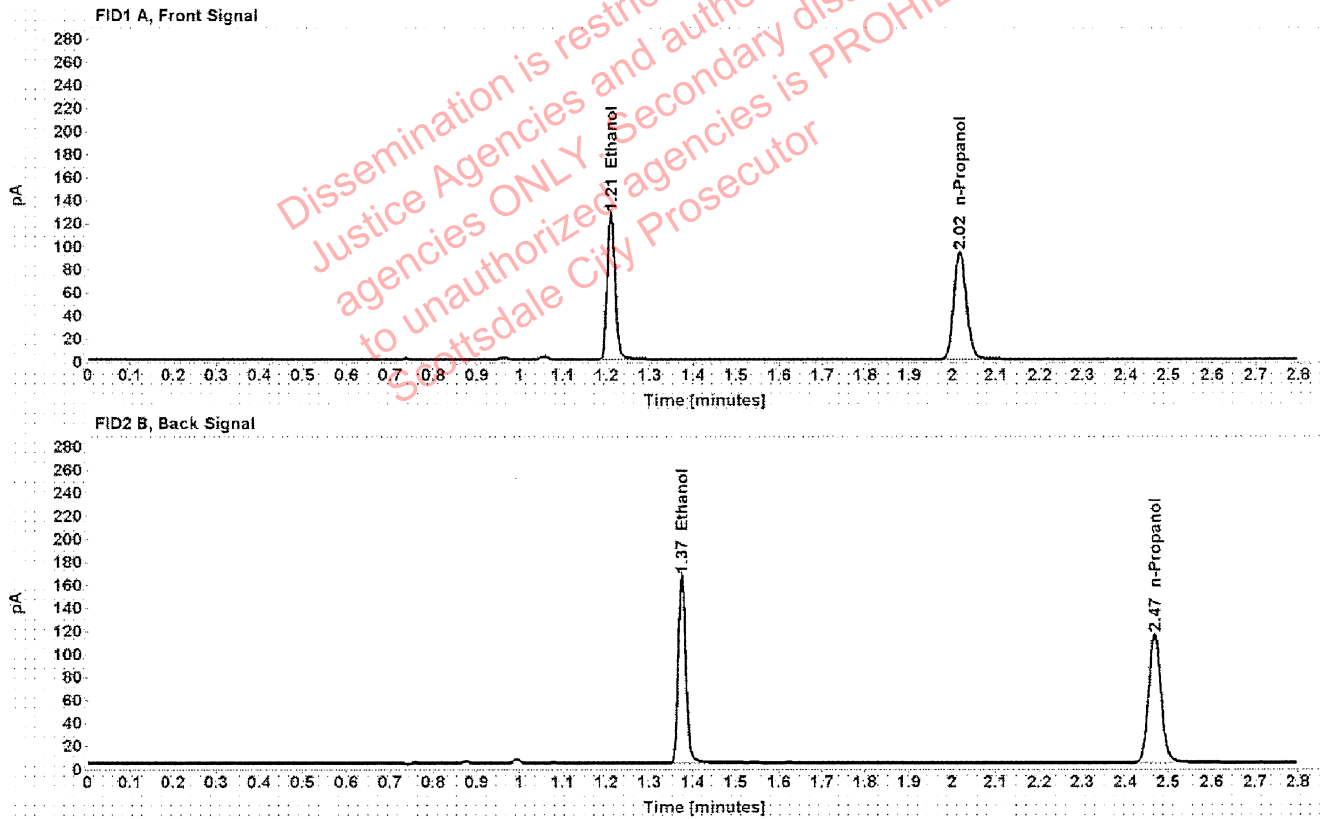


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2482	1.210	161.148
n-Propanol	-----	2.017	185.992

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

Compound	Time (min)	Peak Area
Ethanol	1.375	201.376
n-Propanol	2.468	228.445

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1350748	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/15/2020 6:31:57 PM
Data file:	C:\Chem32\11\Data\15Dec20\35.D	Analyst:	Abbott

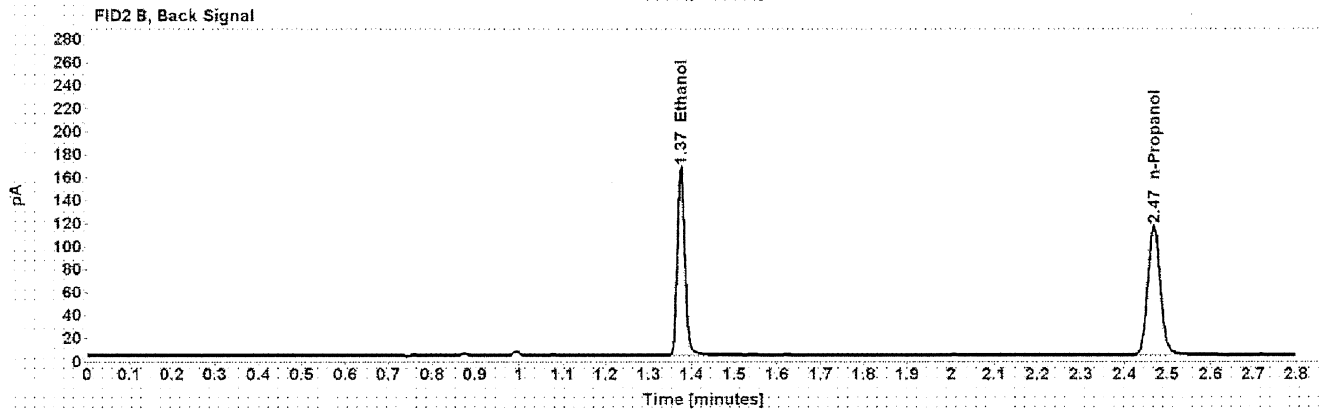
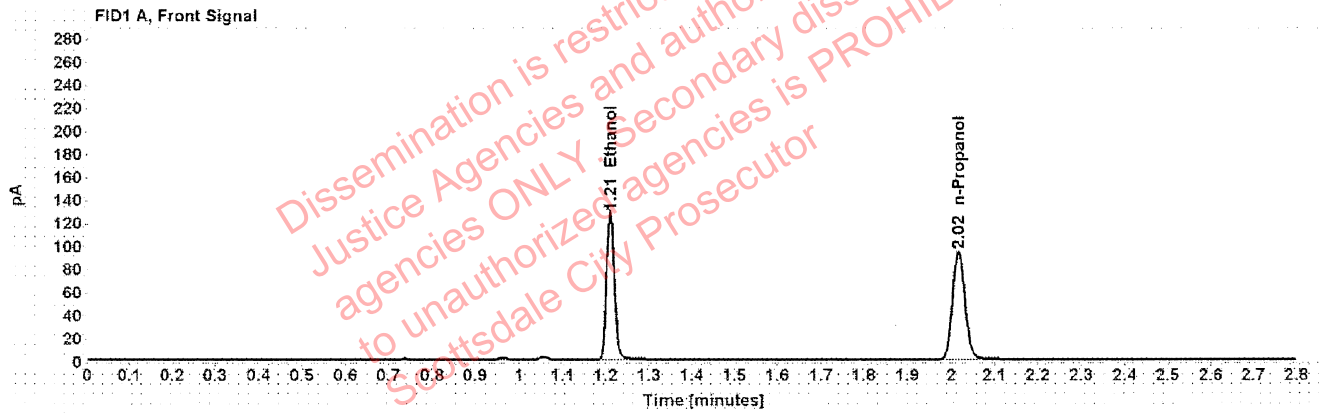


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2489	1.210	162.039
n-Propanol	-----	2.017	186.529

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

Compound	Time (min)	Peak Area
Ethanol	1.375	202.612
n-Propanol	2.468	229.228

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1350273	Vial:	36
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/15/2020 6:35:57 PM
Data file:	C:\Chem32\1\Data\15Dec20\36.D	Analyst:	Abbott

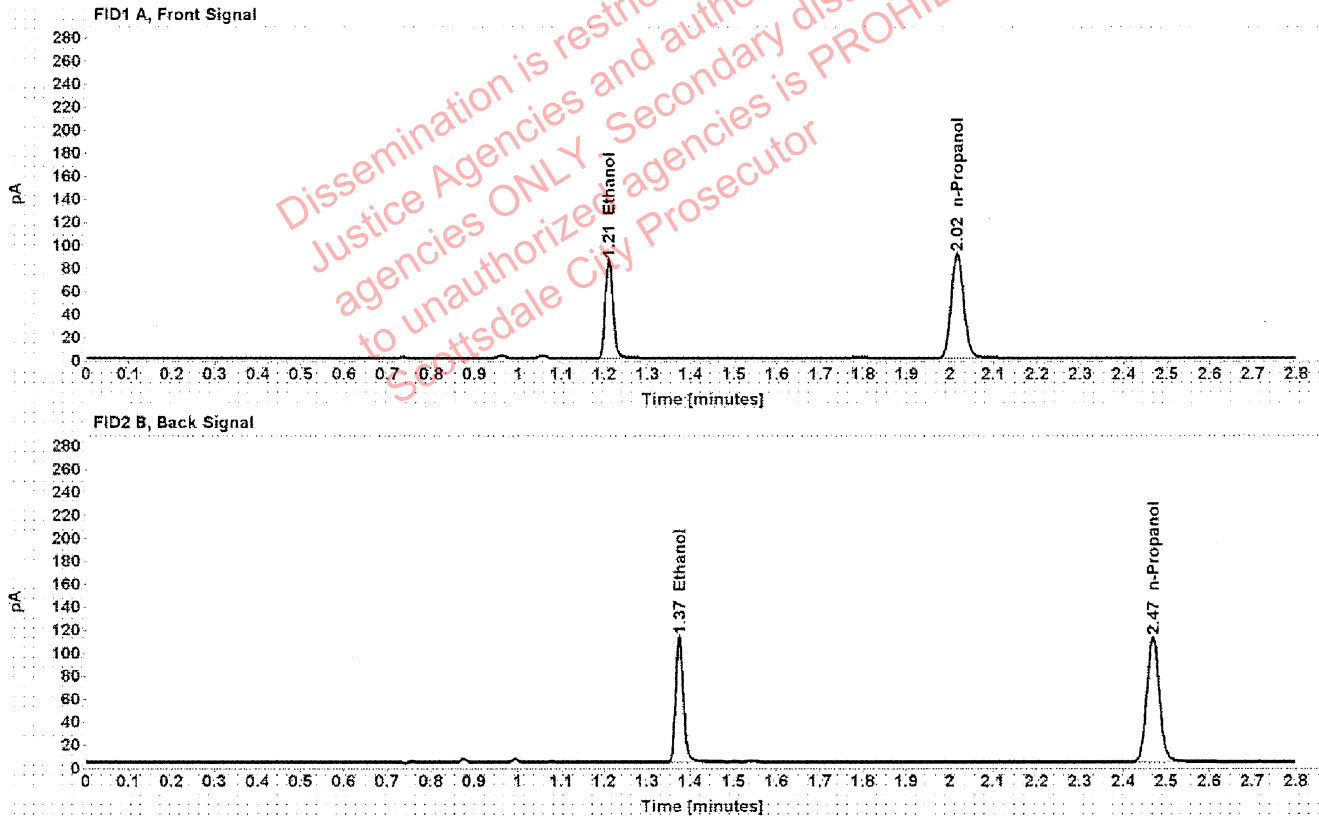


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1729	1.210	108.962
n-Propanol	-----	2.017	181.025

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

Compound	Time (min)	Peak Area
Ethanol	1.375	135.488
n-Propanol	2.468	221.902

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1350273	Vial:	37
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/15/2020 6:40:12 PM
Data file:	C:\Chem32\1\Data\15Dec20\37.D	Analyst:	Abbott

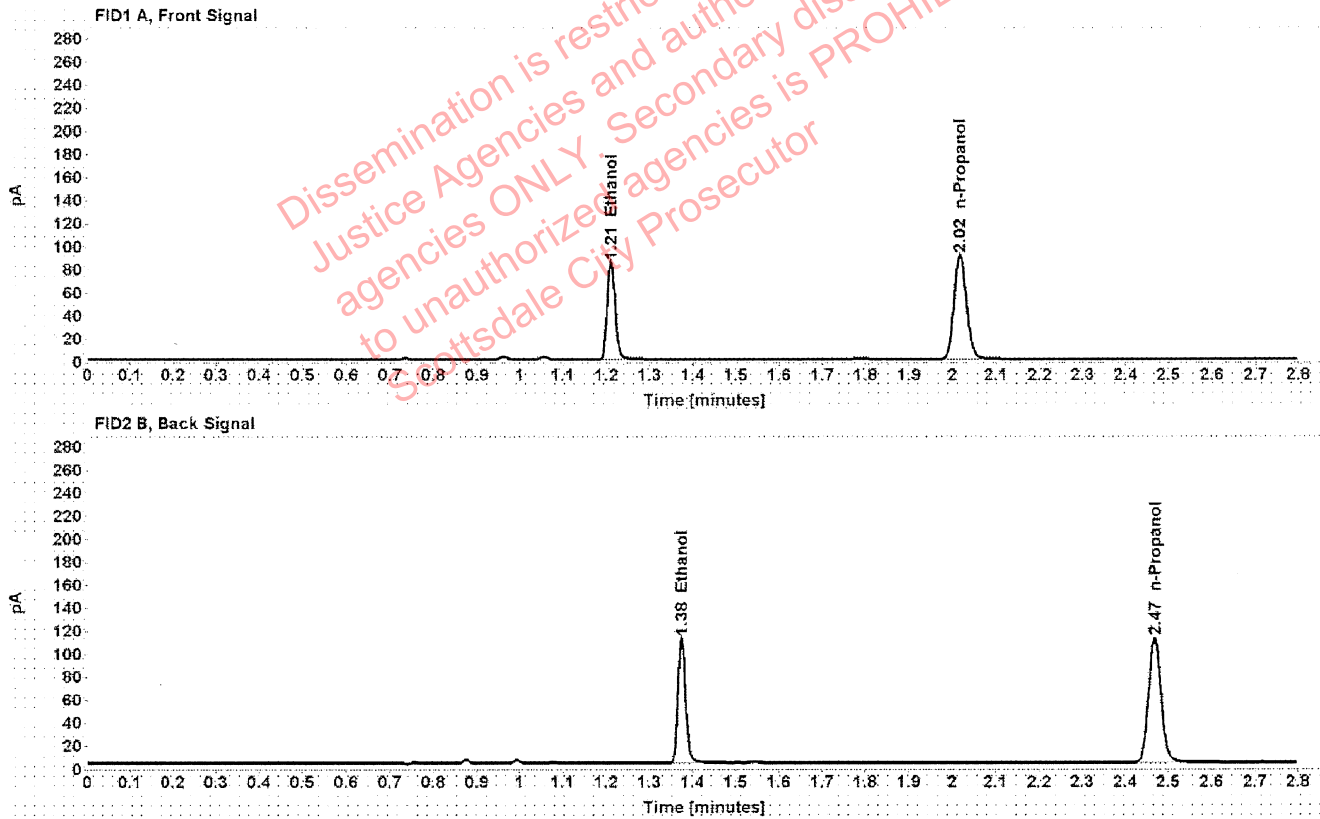


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1726	1.210	108.672
n-Propanol	-----	2.017	180.875

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

Compound	Time (min)	Peak Area
Ethanol	1.375	135.049
n-Propanol	2.468	221.699

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1350309	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/15/2020 6:44:12 PM
Data file:	C:\Chem32\1\Data\15Dec20\38.D	Analyst:	Abbott

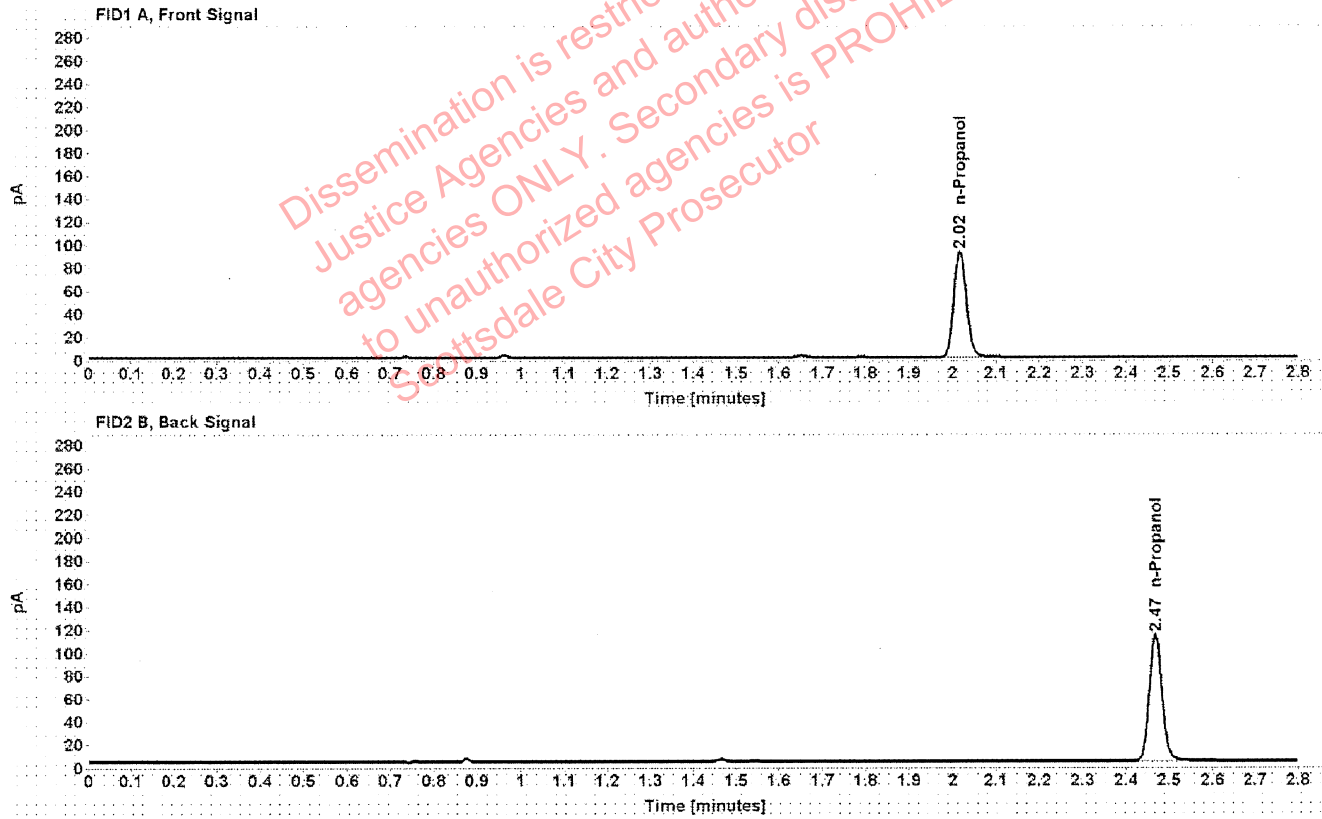


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.017	184.133

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

Compound	Time (min)	Peak Area
n-Propanol	2.468	225.985

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1350309	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/15/2020 6:48:12 PM
Data file:	C:\Chem32\1\Data\15Dec20\39.D	Analyst:	Abbott

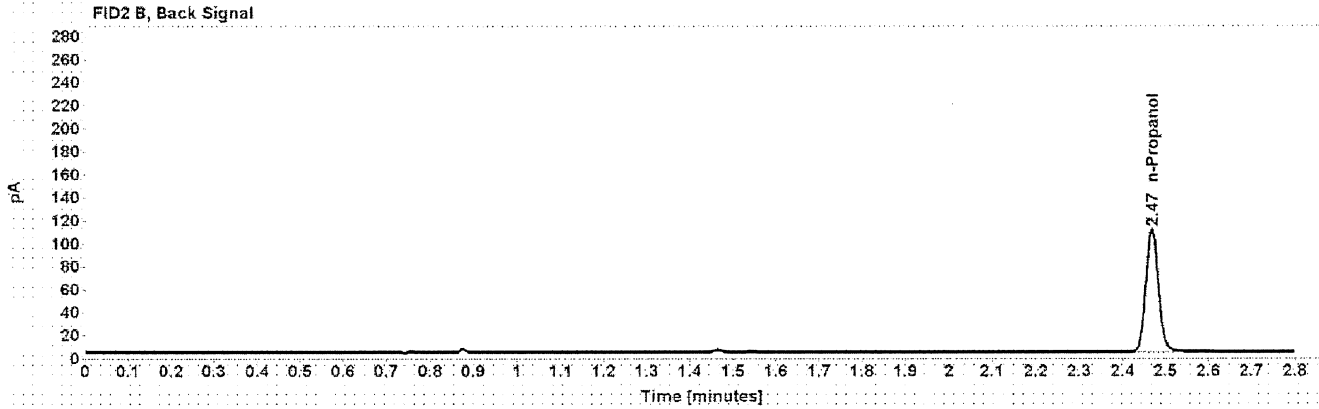
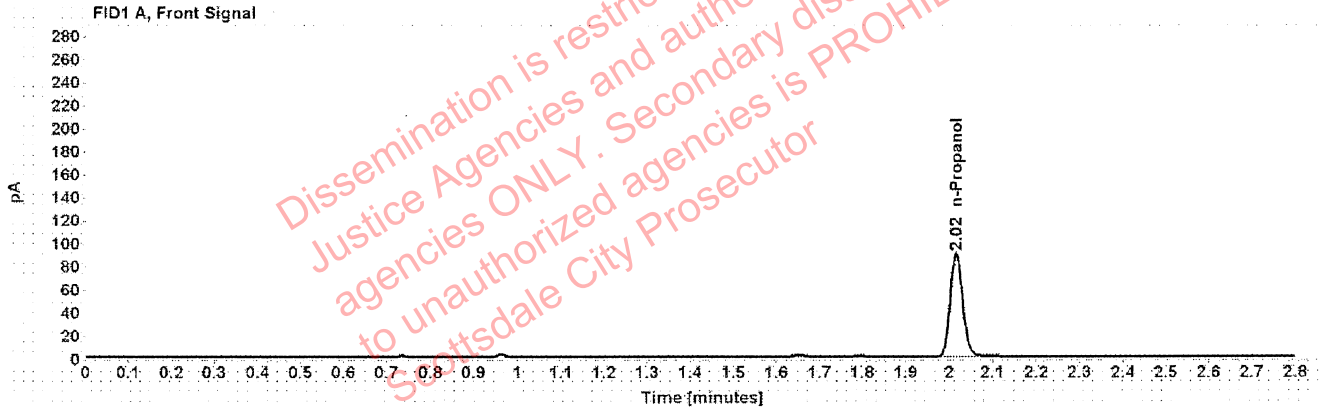


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.017	178.538

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

Compound	Time (min)	Peak Area
n-Propanol	2.468	219.160

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1350861	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/15/2020 6:52:12 PM
Data file:	C:\Chem32\1\Data\15Dec20\40.D	Analyst:	Abbott

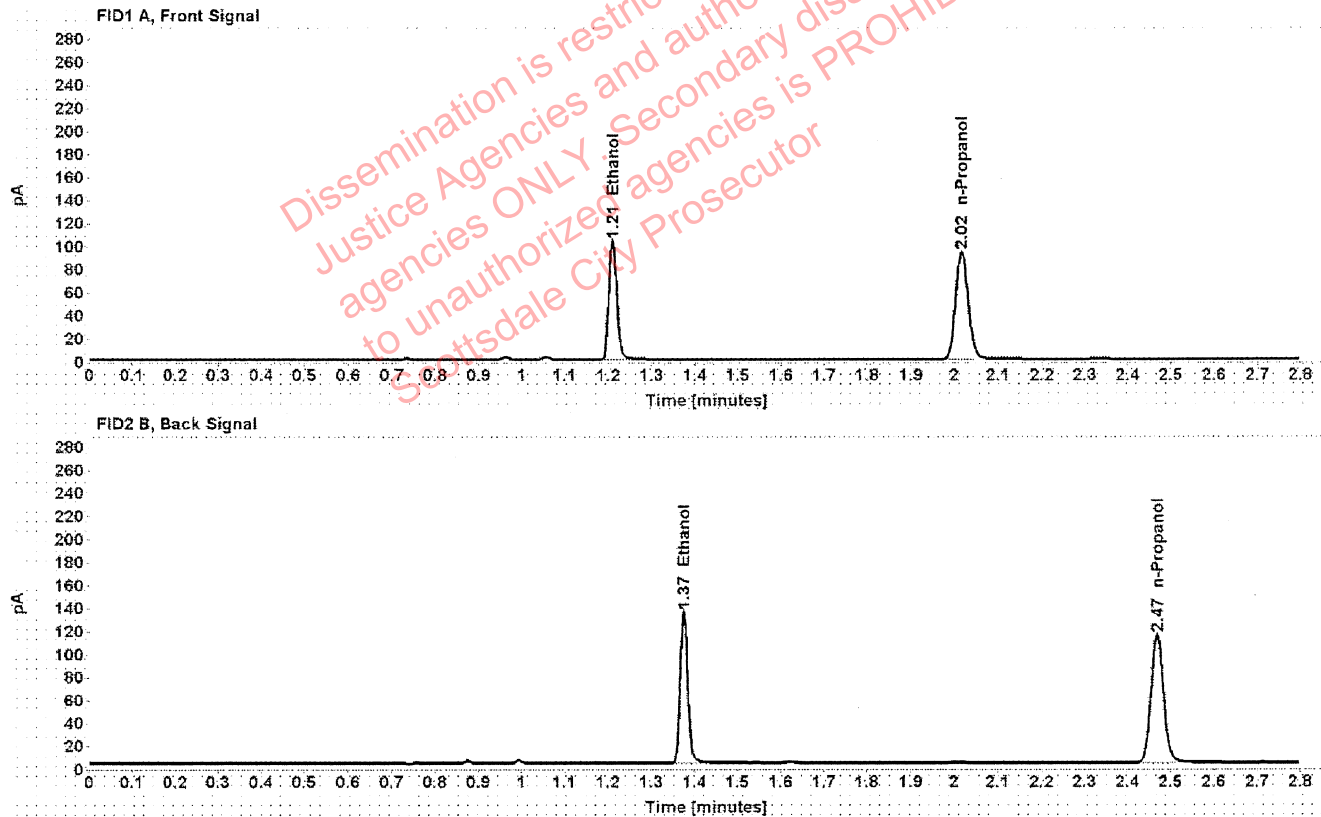


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2027	1.210	131.199
n-Propanol	-----	2.017	185.689

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

Compound	Time (min)	Peak Area
Ethanol	1.375	164.930
n-Propanol	2.468	228.627

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1350861	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/15/2020 6:56:12 PM
Data file:	C:\Chem32\1\Data\15Dec20\41.D	Analyst:	Abbott

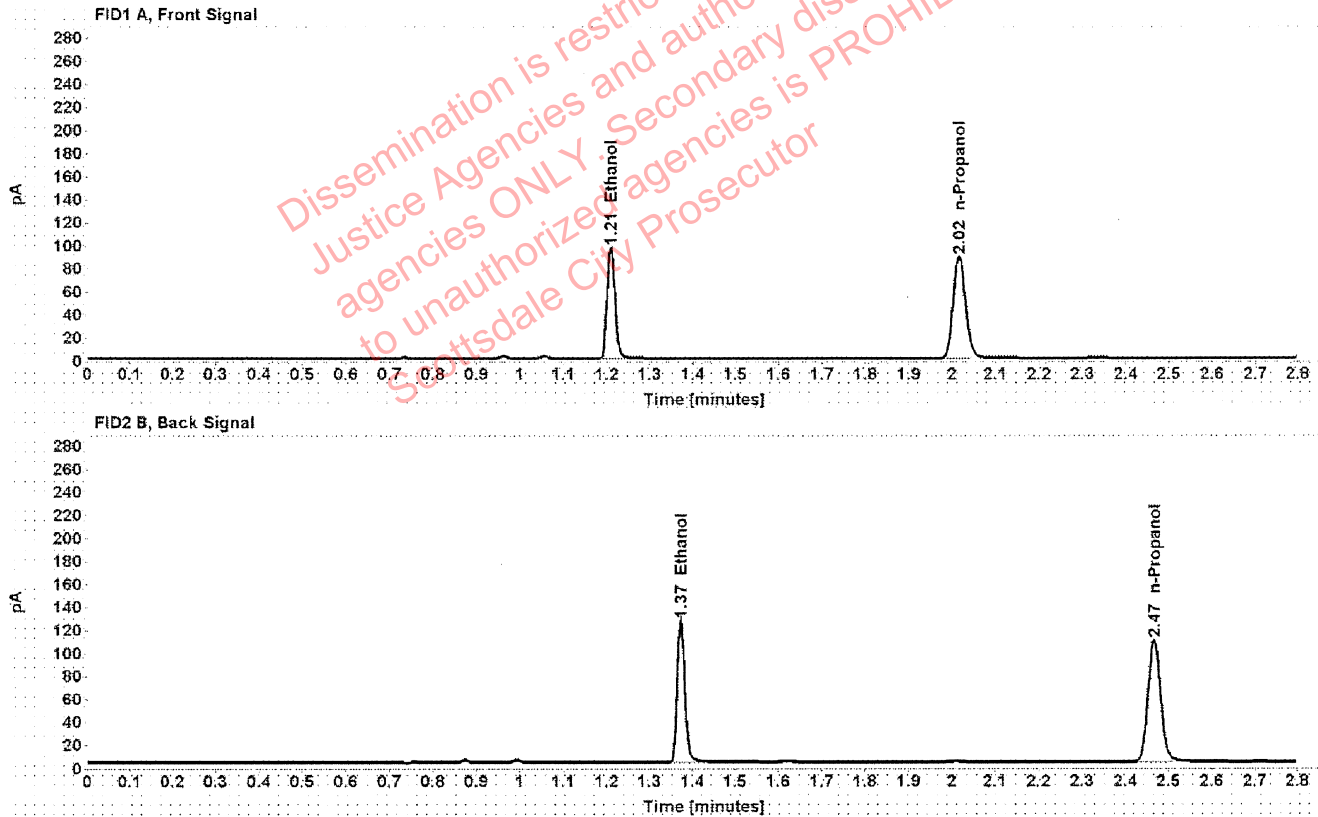


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1999	1.209	122.932
n-Propanol	-----	2.016	176.469

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

Compound	Time (min)	Peak Area
Ethanol	1.373	154.617
n-Propanol	2.467	217.334