

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 10/13/2020 SEQUENCE NAME 13Oct20

EQUIPMENT

Pipettor Hamilton ML600EH7497 Hamilton ML600GJ10749
 Gas Chromatograph Agilent US14173023

INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN06141806 Coefficient of determination (r^2)
 Vial 2 0.10 calibrator Lot FN05311902 0.99999
 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	0.398 g/dL	Lipomed 11092018-A
8	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 14082019-B
9	Blood control	0.198 g/dL	0.200 g/dL	ACQ 407041529/13
20	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 03102016-A/1
31	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 03102016-A/1
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.

Run valid *Shari Abbott* Run valid *Erika Camonico*
 Run invalid Analyst Run invalid Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

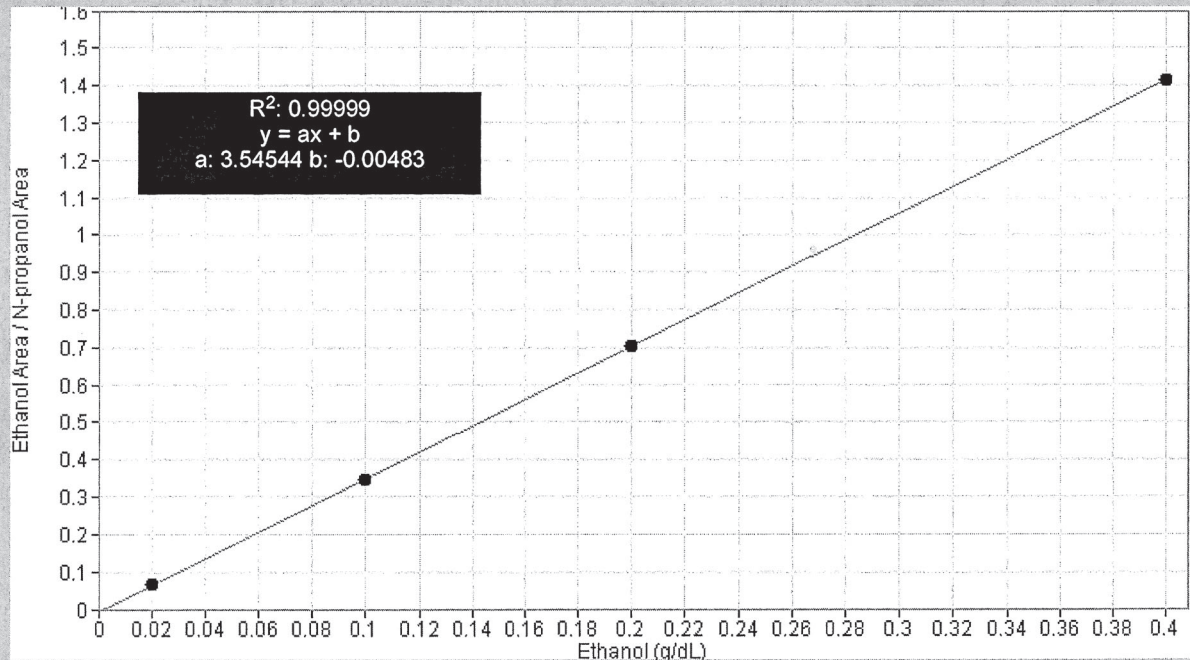
SEQUENCE NAME: 13Oct20

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	0.398	0.400	0.50	-0.002
0.040 14082019-B	8	0.040	0.040	0.00	0.000
0.198 407041529/13	9	0.200	0.198	1.01	0.002
0.080 03102016-A/1	20	0.080	0.080	0.00	0.000
0.080 03102016-A/1	31	0.081	0.080	1.25	0.001
0.400 11092018-A	42	0.401	0.400	0.25	0.001
0.040 14082019-B	43	0.041	0.040	2.50	0.001
0.198 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	12.040	176.205	0.068
0.100	61.769	177.568	0.348
0.200	123.783	176.140	0.703
0.400	249.005	176.044	1.414

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN06141806	Vial: 1
Description: 0.020 calibrator	Sequence: 13Oct20
Method: ethanol quant.M	Injection date: 10/13/2020 4:37:58 PM
Instrument: US14173023 CN14160045	Analyst: Abbott <i>Abbott</i>
Data file: C:\Chem32\1\Data\13Oct20\1.D	

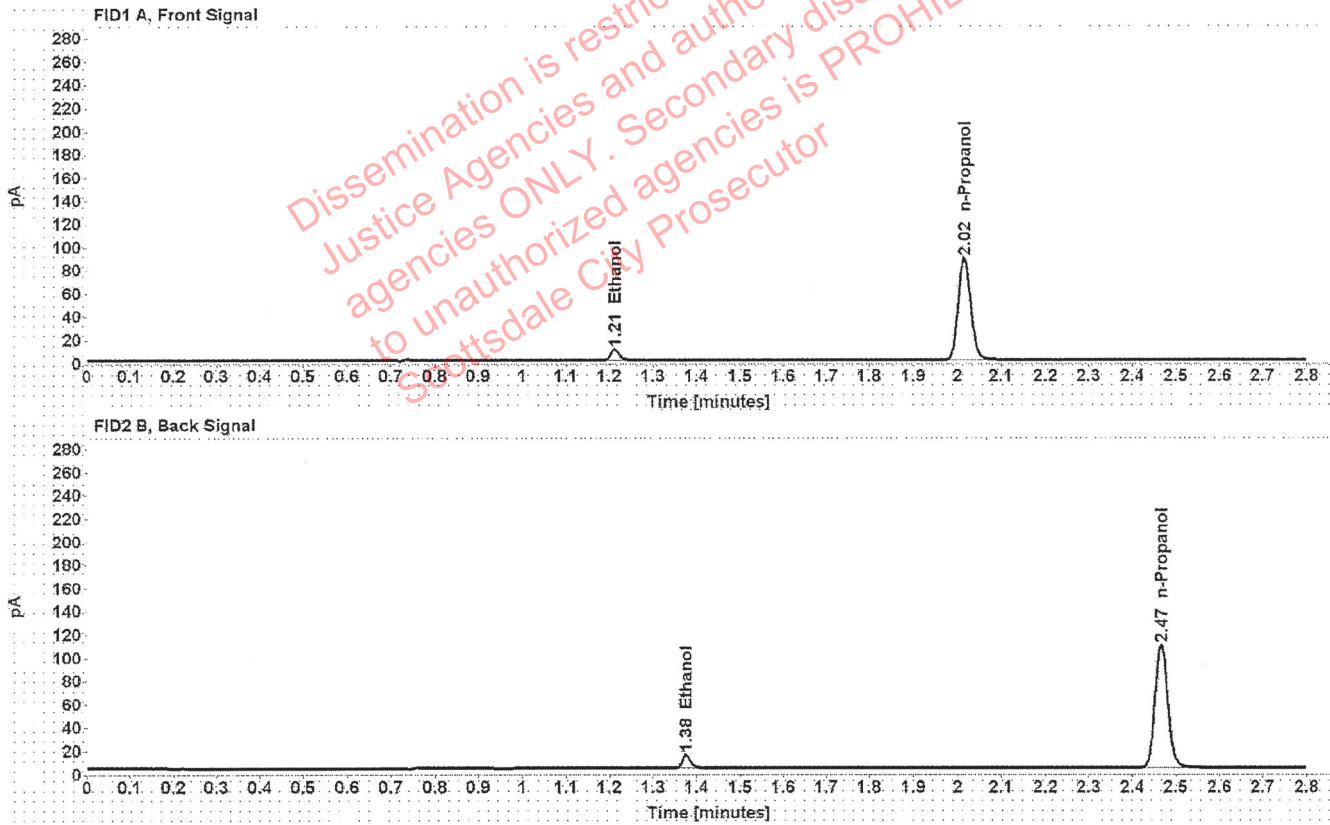


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.212	12.040
n-Propanol	2.016	176.205

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

Compound	Time (min)	Peak Area
Ethanol	1.376	15.021
n-Propanol	2.467	215.241

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN05311902	Vial: 2
Description: 0.100 calibrator	Sequence: 13Oct20
Method: ethanol quant.M	Injection date: 10/13/2020 4:41:58 PM
Instrument: US14173023 CN14160045	Analyst: Abbott <i>AK</i>
Data file: C:\Chem32\1\Data\13Oct20\2.D	

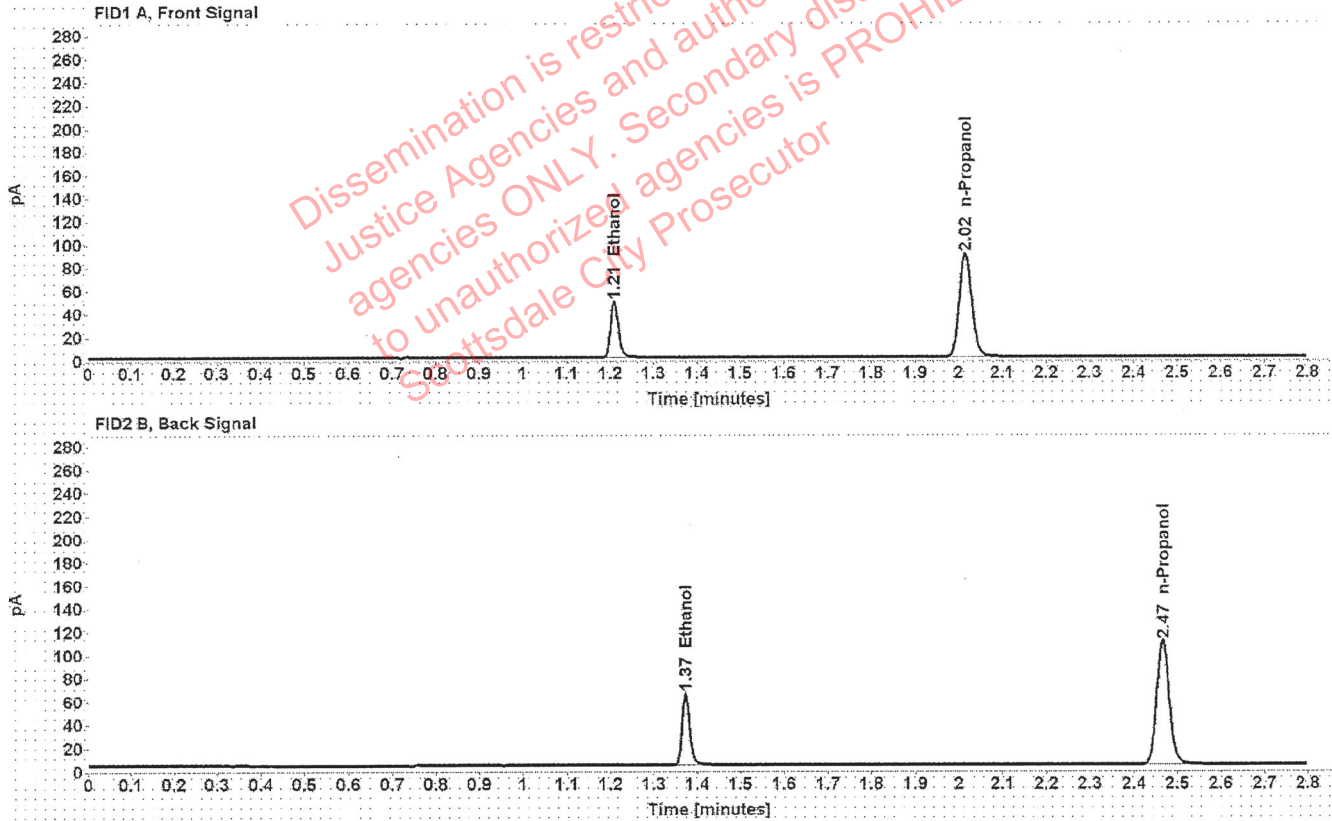


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.210	61.769
n-Propanol	2.015	177.568

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

Compound	Time (min)	Peak Area
Ethanol	1.373	76.930
n-Propanol	2.466	217.357

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN06231704	Vial: 3
Description: 0.200 calibrator	Sequence: 13Oct20
Method: ethanol quant.M	Injection date: 10/13/2020 4:45:57 PM
Instrument: US14173023 CN14160045	Analyst: Abbott
Data file: C:\Chem32\1\Data\13Oct20\3.D	

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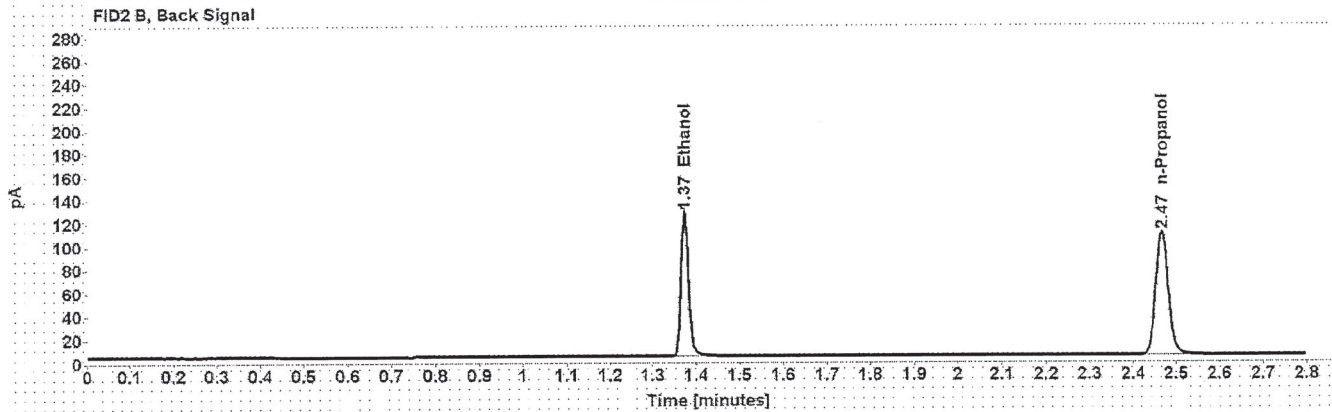
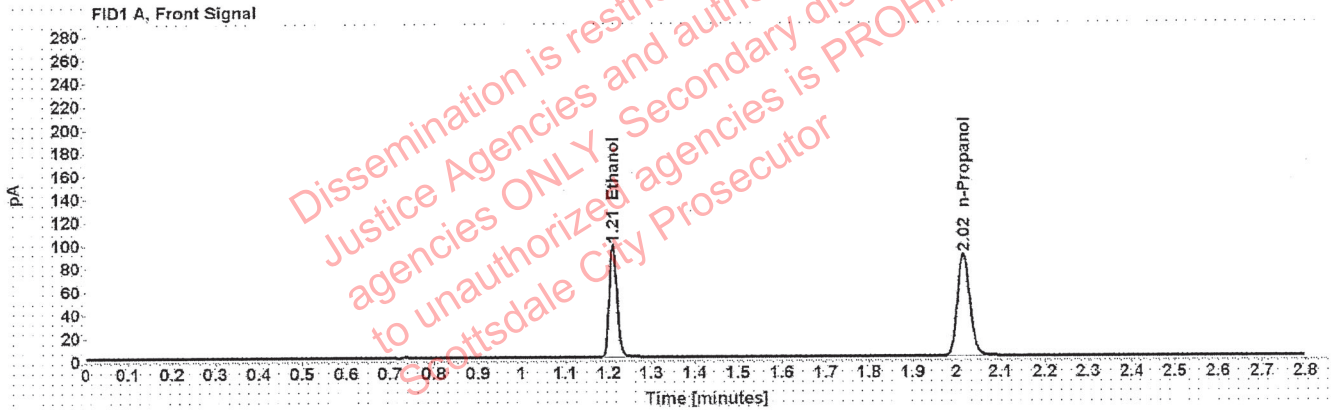


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	123.783
n-Propanol	2.016	176.140

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

Compound	Time (min)	Peak Area
Ethanol	1.374	154.787
n-Propanol	2.467	216.003

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN05131606	Vial: 4
Description: 0.400 calibrator	Sequence: 13Oct20
Method: ethanol quant.M	Injection date: 10/13/2020 4:49:58 PM
Instrument: US14173023 CN14160045	Analyst: Abbott <i>DA</i>
Data file: C:\Chem32\1\Data\13Oct20\4.D	

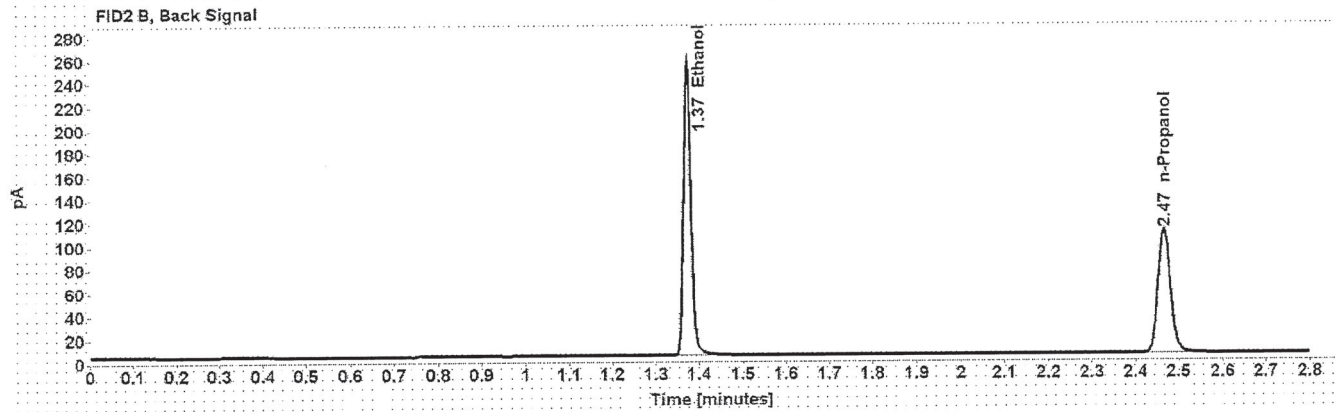
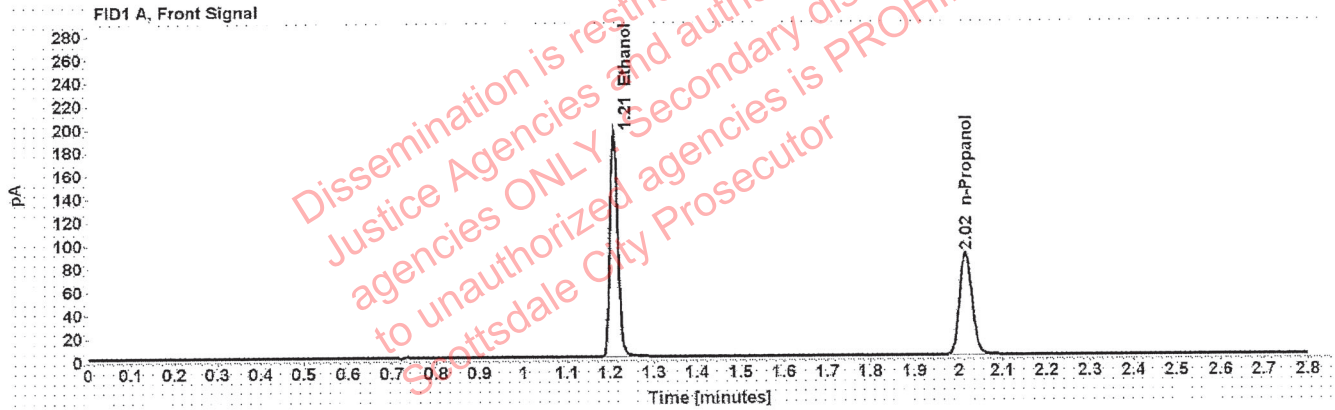


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	249.005
n-Propanol	2.015	176.044

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

Compound	Time (min)	Peak Area
Ethanol	1.373	311.798
n-Propanol	2.467	216.210

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	071420AQ	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	13Oct20
Instrument:	US14173023 CN14160045	Injection date:	10/13/2020 4:53:58 PM
Data file:	C:\Chem32\1\Data\13Oct20\5.D	Analyst:	Abbott <i>pl</i>

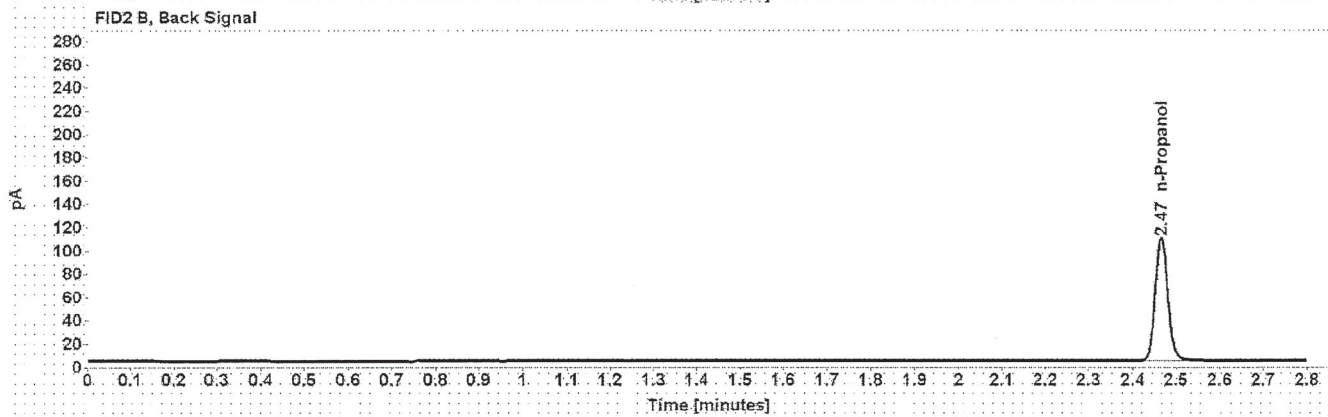
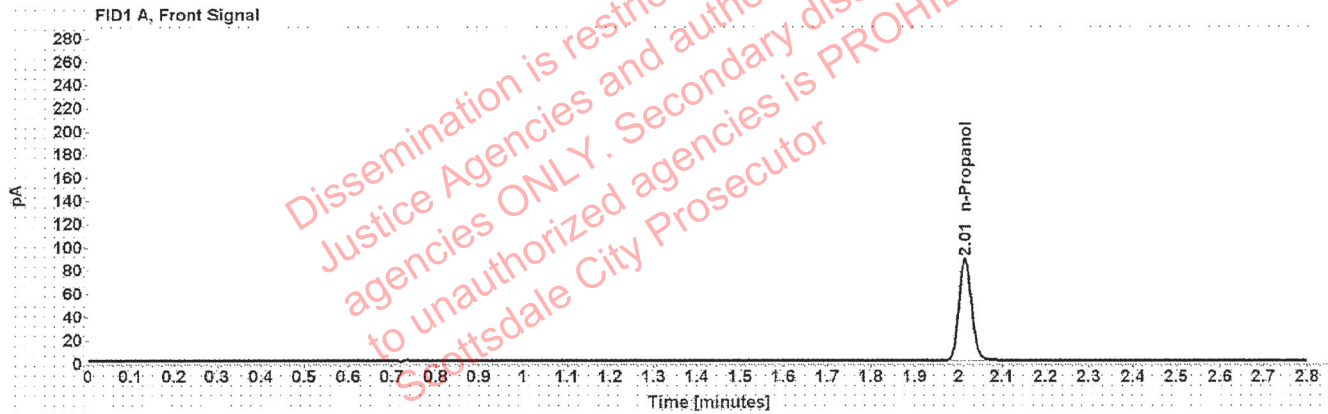


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	175.996

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

Compound	Time (min)	Peak Area
n-Propanol	2.466	215.497

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 070819MIX	Vial: 6
Description: Volatiles mix	LIMS ID:
Method: ethanol quant.M	Sequence: 13Oct20
Instrument: US14173023 CN14160045	Injection date: 10/13/2020 4:57:57 PM
Data file: C:\Chem32\1\Data\13Oct2016.D	Analyst: Abbott <i>DA</i>

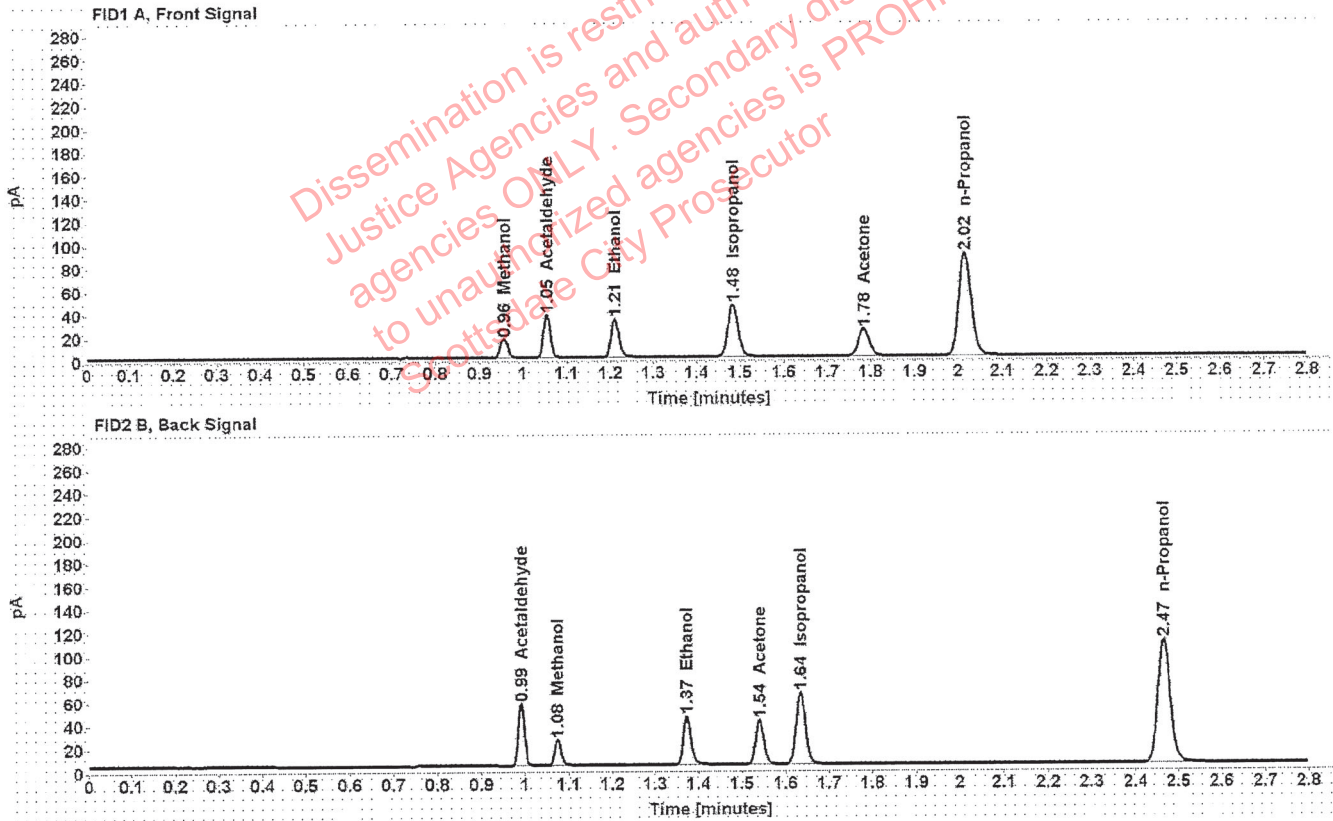


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.957	18.590
Acetaldehyde	-----	1.054	40.469
>Ethanol	0.0689	1.210	42.304
Isopropanol	-----	1.483	72.971
Acetone	-----	1.784	40.964
n-Propanol	-----	2.015	176.795

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	52.520
Methanol	1.075	23.965
Ethanol	1.374	52.735
Acetone	1.540	50.511
Isopropanol	1.635	93.247
n-Propanol	2.466	216.974

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 13Oct20
Instrument: US14173023 CN14160045	Injection date: 10/13/2020 5:02:13 PM
Data file: C:\Chem32\1\Data\13Oct20\7.D	Analyst: Abbott <i>GA</i>

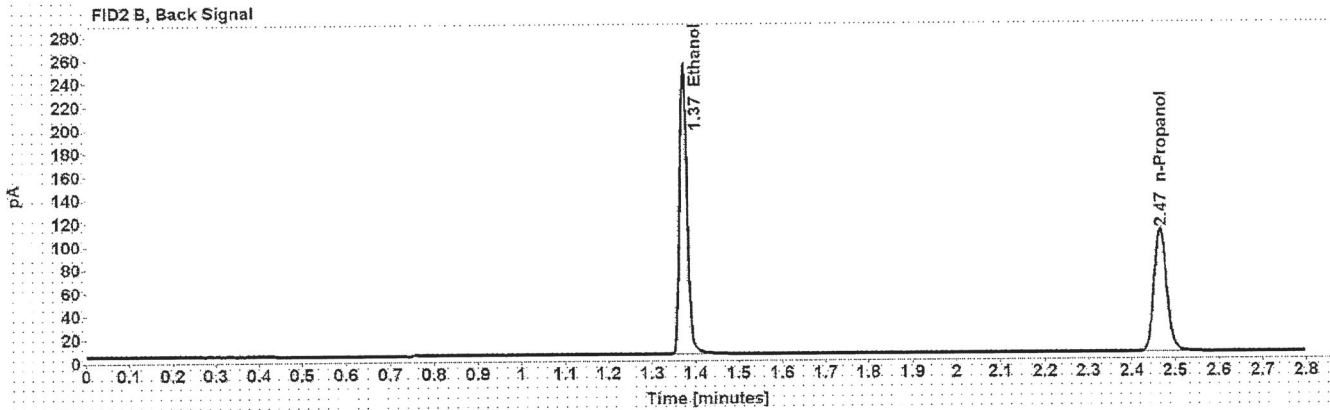
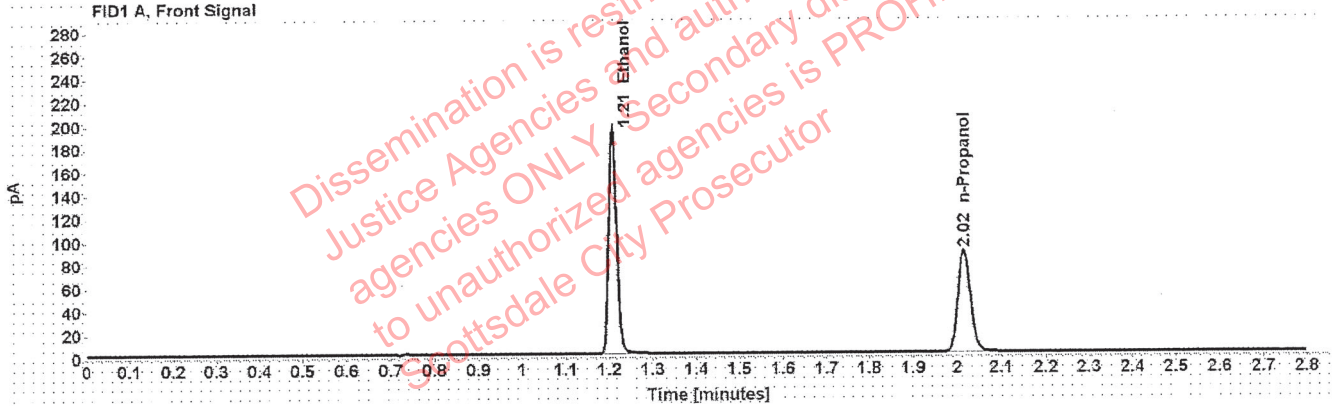


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3987	1.208	247.534
n-Propanol	-----	2.015	175.733

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

Compound	Time (min)	Peak Area
Ethanol	1.373	310.085
n-Propanol	2.466	215.388

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-B	Vial:	8
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	13Oct20
Instrument:	US14173023 CN14160045	Injection date:	10/13/2020 5:06:13 PM
Data file:	C:\Chem32\1\Data\13Oct20\8.D	Analyst:	Abbott <i>oh</i>

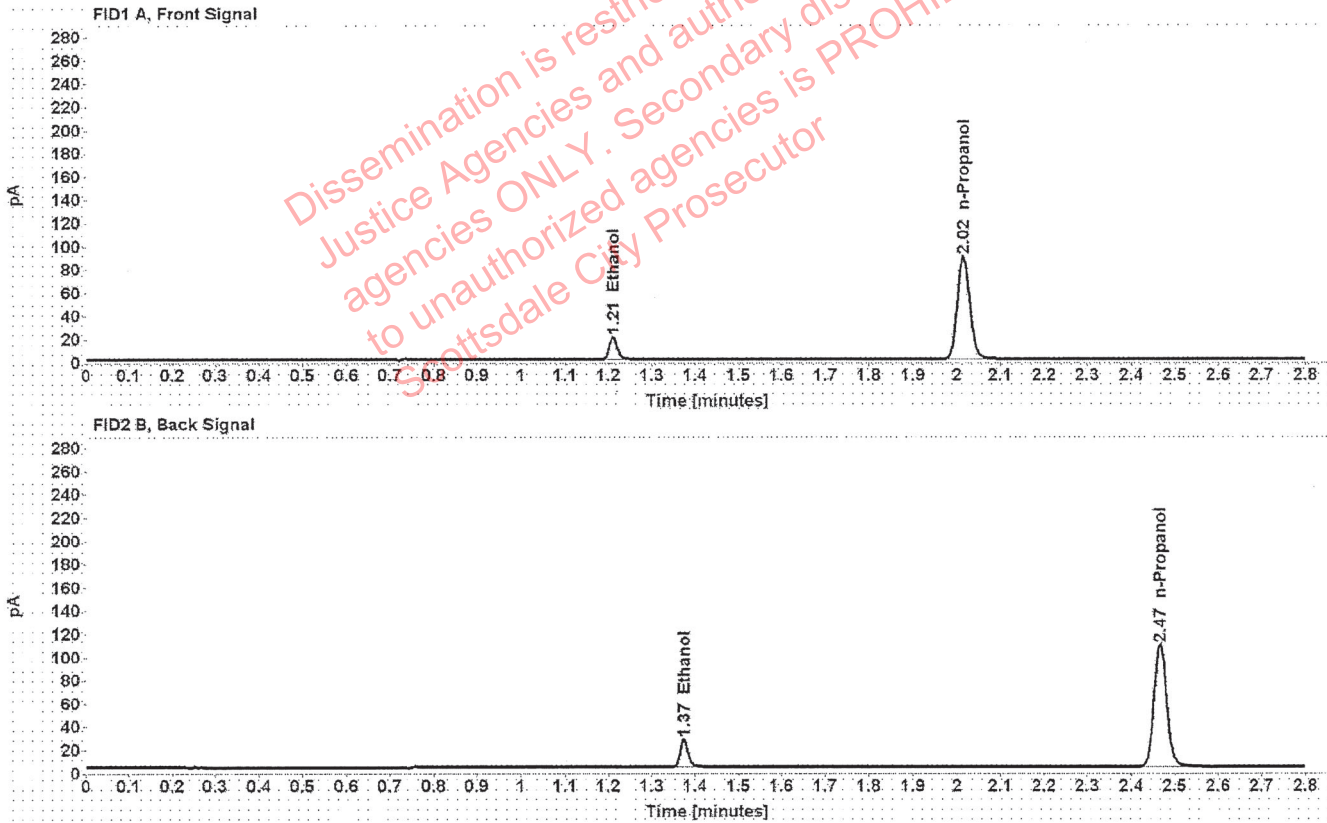


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0407	1.211	24.592
n-Propanol	-----	2.015	176.304

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

Compound	Time (min)	Peak Area
Ethanol	1.374	30.630
n-Propanol	2.466	215.591

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 407041529/13	Vial: 9
Description: 0.198	LIMS ID:
Method: ethanol quant.M	Sequence: 13Oct20
Instrument: US14173023 CN14160045	Injection date: 10/13/2020 5:10:12 PM
Data file: C:\Chem32\1\Data\13Oct20\9.D	Analyst: Abbott <i>dh</i>

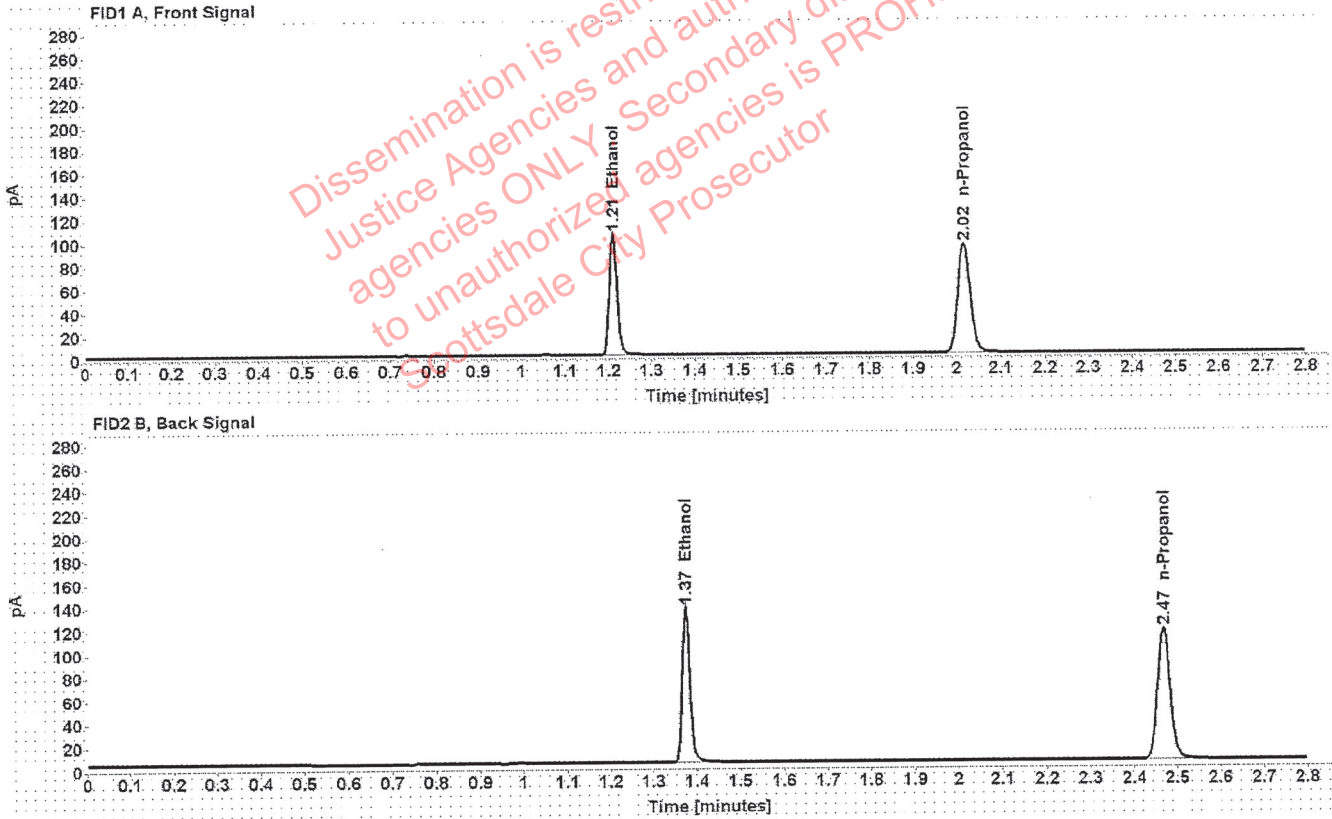


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2006	1.210	133.266
n-Propanol	-----	2.016	188.694

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

Compound	Time (min)	Peak Area
Ethanol	1.375	166.709
n-Propanol	2.468	231.024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	03102016-A/1	Vial:	20
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	13Oct20
Instrument:	US14173023 CN14160045	Injection date:	10/13/2020 5:54:42 PM
Data file:	C:\Chem32\1\Data\13Oct20\20.D	Analyst:	Abbott <i>du</i>

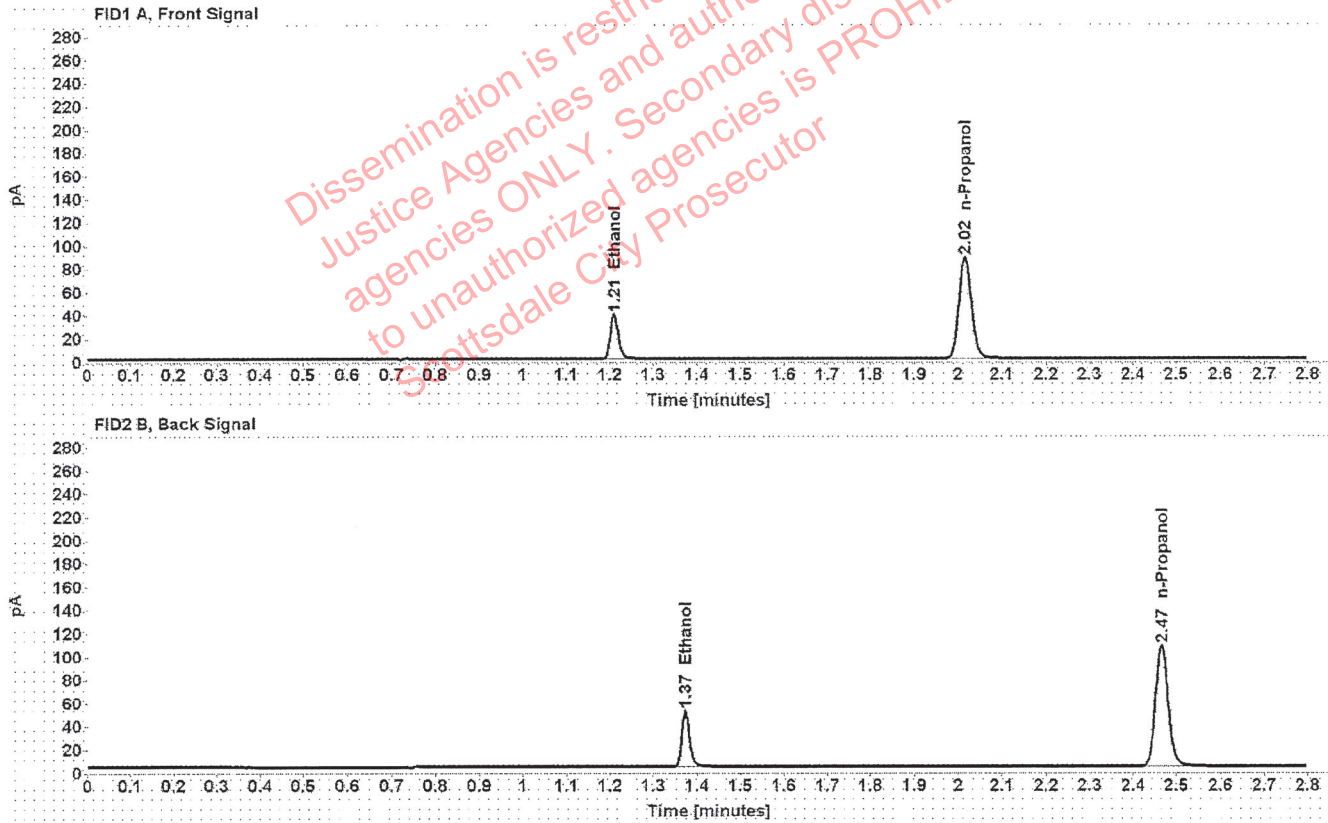


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0803	1.210	48.985
n-Propanol	-----	2.015	175.019

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

Compound	Time (min)	Peak Area
Ethanol	1.374	60.876
n-Propanol	2.466	213.581

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 03102016-A/1	Vial: 31
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 13Oct20
Instrument: US14173023 CN14160045	Injection date: 10/13/2020 6:39:13 PM
Data file: C:\Chem32\1\Data\13Oct20\31.D	Analyst: Abbott <i>DA</i>

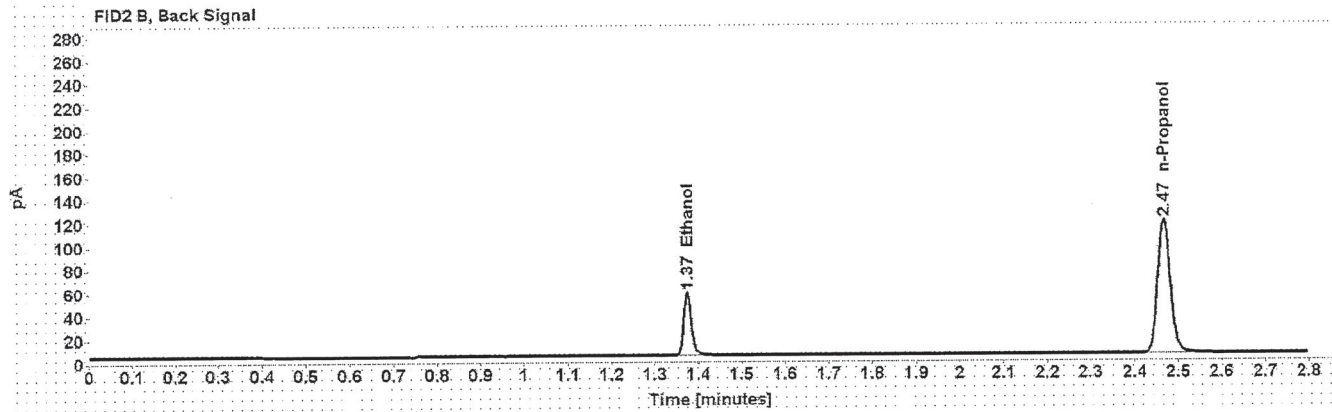
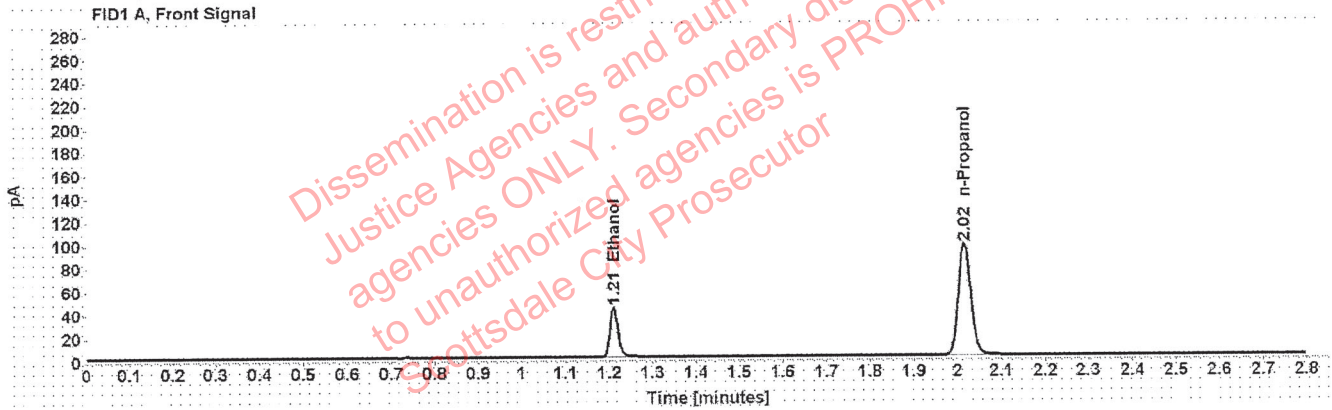


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0819	1.210	55.002
n-Propanol	-----	2.016	192.722

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

Compound	Time (min)	Peak Area
Ethanol	1.374	68.381
n-Propanol	2.467	235.449

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 42
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 13Oct20
Instrument: US14173023 CN14160045	Injection date: 10/13/2020 7:23:28 PM
Data file: C:\Chem32\1\Data\13Oct20\42.D	Analyst: Abbott <i>la</i>

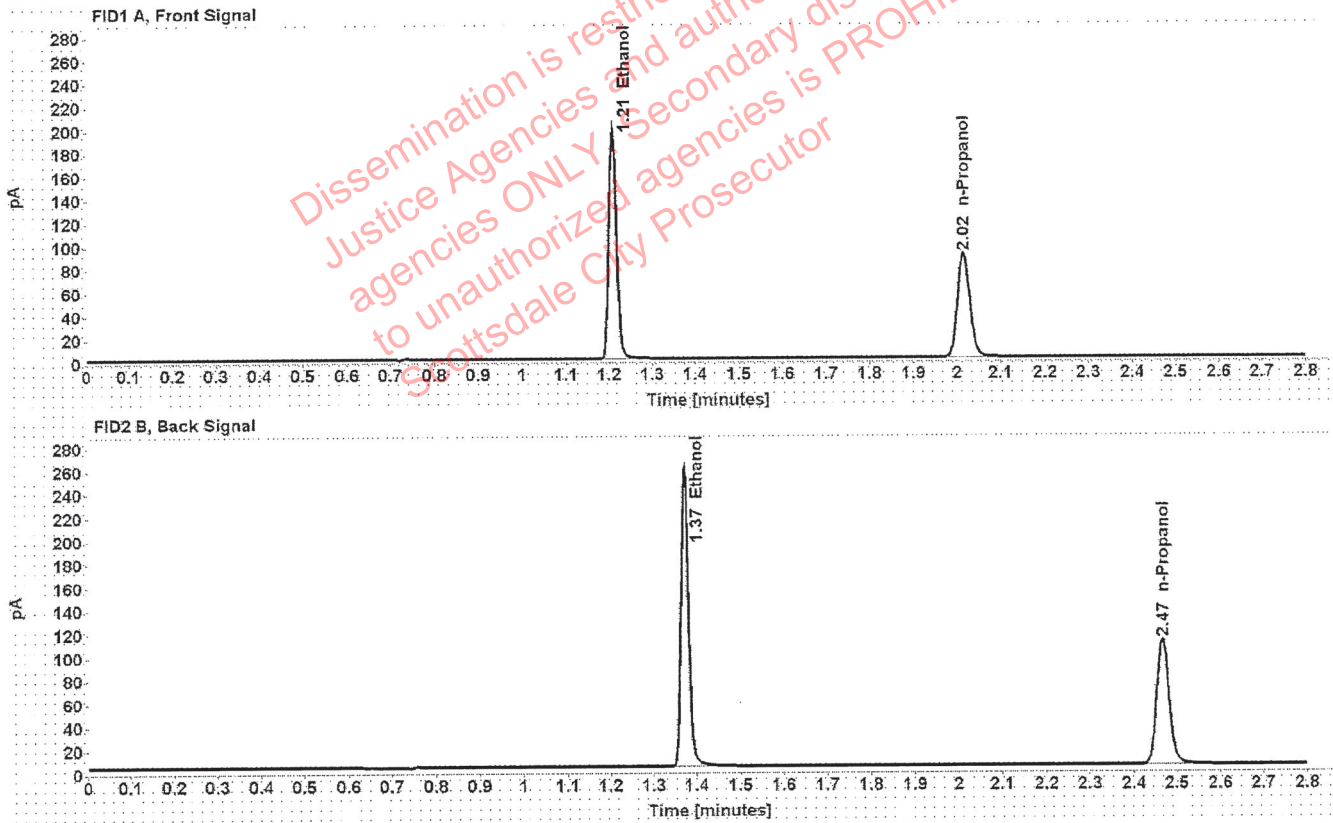


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4012	1.209	254.351
n-Propanol	-----	2.015	179.408

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

Compound	Time (min)	Peak Area
Ethanol	1.373	318.590
n-Propanol	2.467	219.816

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-B	Vial:	43
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	13Oct20
Instrument:	US14173023 CN14160045	Injection date:	10/13/2020 7:27:43 PM
Data file:	C:\Chem32\1\Data\13Oct20\43.D	Analyst:	Abbott <i>pa</i>

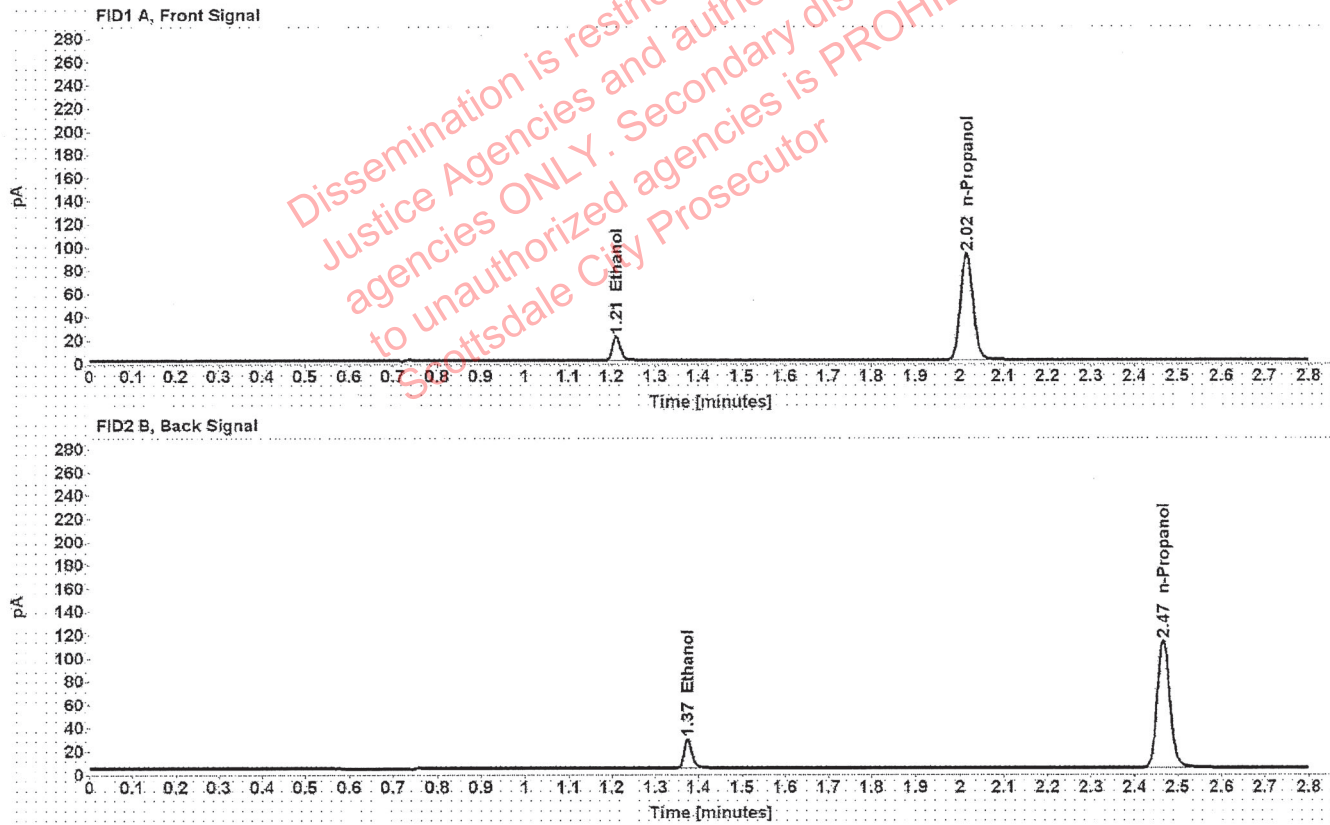


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0410	1.211	25.915
n-Propanol	-----	2.016	184.233

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

Compound	Time (min)	Peak Area
Ethanol	1.375	32.213
n-Propanol	2.467	224.686

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 407041529/13	Vial: 44
Description: 0.198	LIMS ID:
Method: ethanol quant.M	Sequence: 13Oct20
Instrument: US14173023 CN14160045	Injection date: 10/13/2020 7:31:43 PM
Data file: C:\Chem32\1\Data\13Oct20\44.D	Analyst: Abbott <i>AA</i>

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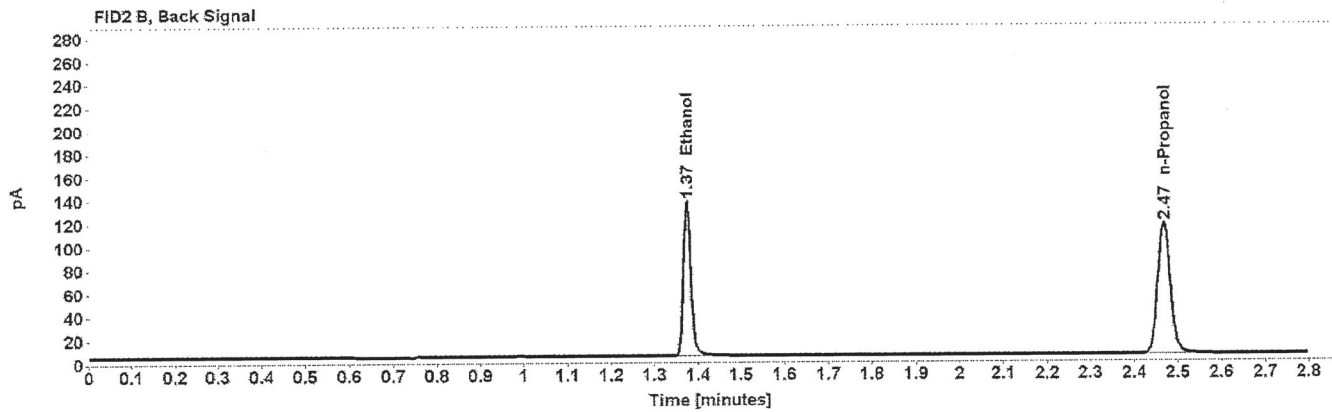
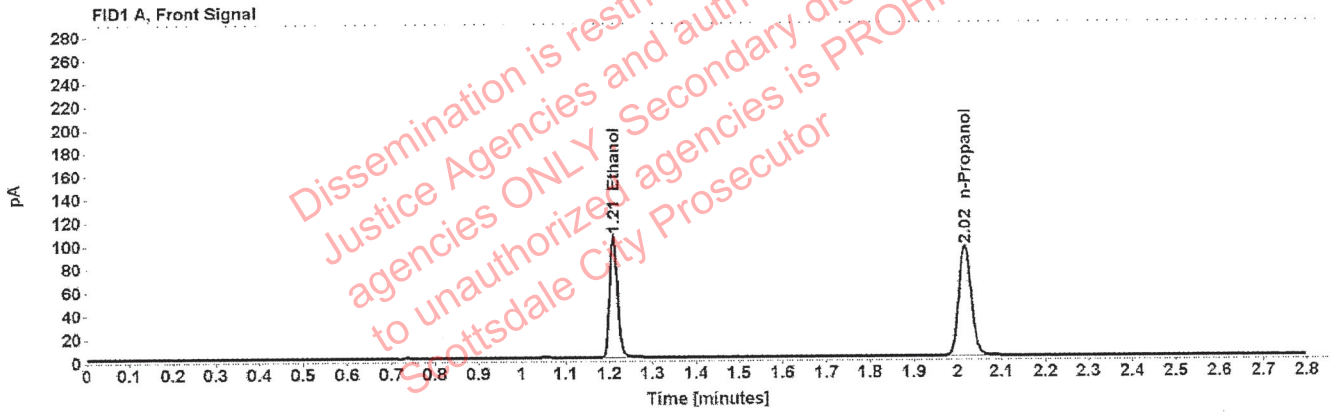


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2001	1.210	133.232
n-Propanol	-----	2.016	189.091

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

Compound	Time (min)	Peak Area
Ethanol	1.374	166.550
n-Propanol	2.468	231.334

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	040919WB	Vial:	45
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	13Oct20
Instrument:	US14173023 CN14160045	Injection date:	10/13/2020 7:35:43 PM
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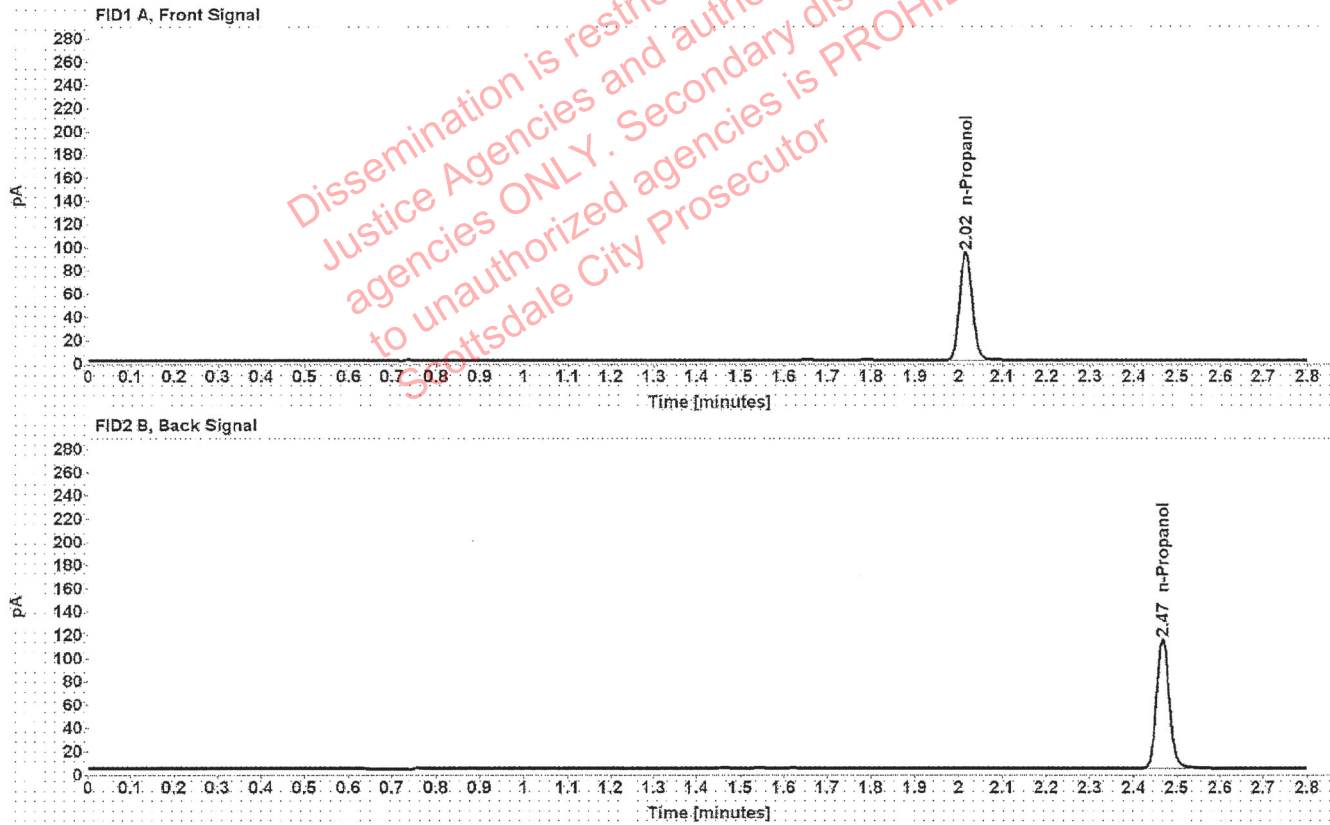



Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	186.474

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

Compound	Time (min)	Peak Area
n-Propanol	2.468	228.053

Sequence Summary

Sequence name: 13Oct20 Instrument: US14173023 CN14160045 Analyst: Abbott 

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	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	1275953		Sample		ethanol quant.M
11	1275953		Sample		ethanol quant.M
12	1340268		Sample		ethanol quant.M
13	1340268		Sample		ethanol quant.M
14	1340486		Sample		ethanol quant.M
15	1340486		Sample		ethanol quant.M
16	1336143		Sample		ethanol quant.M
17	1336143		Sample		ethanol quant.M
18	1340342		Sample		ethanol quant.M
19	1340342		Sample		ethanol quant.M
20	03102016-A/1	0.080	Control		ethanol quant.M
21	1340100		Sample		ethanol quant.M
22	1340100		Sample		ethanol quant.M
23	1311842		Sample		ethanol quant.M
24	1311842		Sample		ethanol quant.M
25	1338989		Sample		ethanol quant.M
26	1338989		Sample		ethanol quant.M
27	1341093		Sample		ethanol quant.M
28	1341093		Sample		ethanol quant.M
29	1341166		Sample		ethanol quant.M
30	1341166		Sample		ethanol quant.M
31	03102016-A/1	0.080	Control		ethanol quant.M
32	1341531		Sample		ethanol quant.M
33	1341531		Sample		ethanol quant.M
34	1341608		Sample		ethanol quant.M
35	1341608		Sample		ethanol quant.M
36	1341847		Sample		ethanol quant.M
37	1341847		Sample		ethanol quant.M
38	1299197		Sample		ethanol quant.M
39	1299197		Sample		ethanol quant.M
40	1341294		Sample		ethanol quant.M
41	1341294		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

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Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 13Oct20

ANALYST: Abbott

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1940	0.1955	0.19475	0.39	0.00075
12 13	0.1148	0.1154	0.11510	0.26	0.00030
14 15	0.0443	0.0442	0.04425	0.11	0.00005
16 17	0.1070	0.1077	0.10735	0.33	0.00035
18 19	0.1262	0.1258	0.12600	0.16	0.00020
21 22	0.1038	0.1036	0.10370	0.10	0.00010
23 24	0.0000	0.0000	0.00000	0.00	0.00000
25 26	0.1985	0.2003	0.19940	0.45	0.00090
27 28	0.1875	0.1853	0.18640	0.59	0.00110
29 30	0.0135	0.0134	0.01345	0.37	0.00005
32 33	0.1040	0.1028	0.10340	0.58	0.00060
34 35	0.3150	0.3141	0.31455	0.14	0.00045
36 37	0.2137	0.2116	0.21265	0.49	0.00105
38 39	0.1005	0.1002	0.10035	0.15	0.00015
40 41	0.0891	0.0886	0.08885	0.28	0.00025

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

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Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1275953	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Oct20
Instrument:	US14173023 CN14160045	Injection date:	10/13/2020 5:14:13 PM
Data file:	C:\Chem32\1\Data\13Oct20\10.D	Analyst:	Abbott

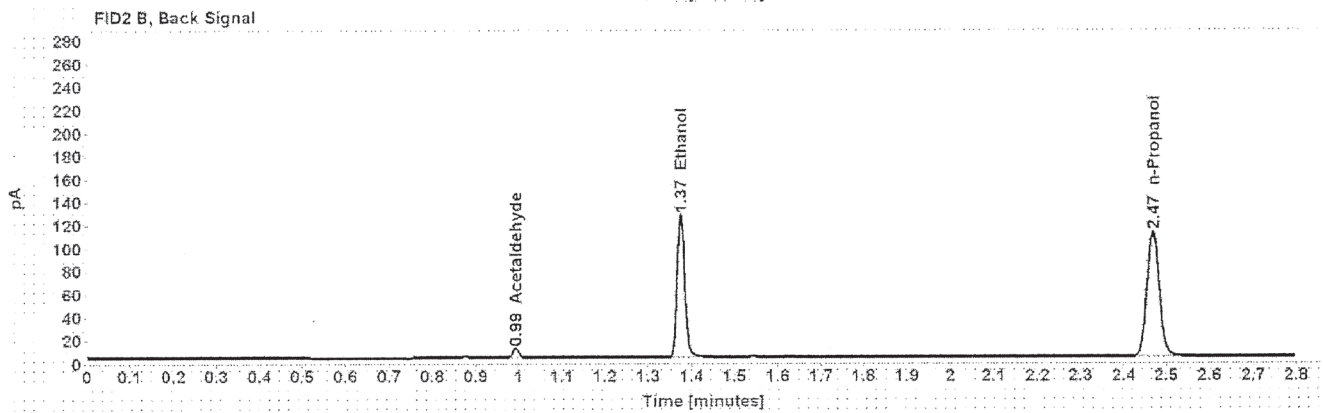
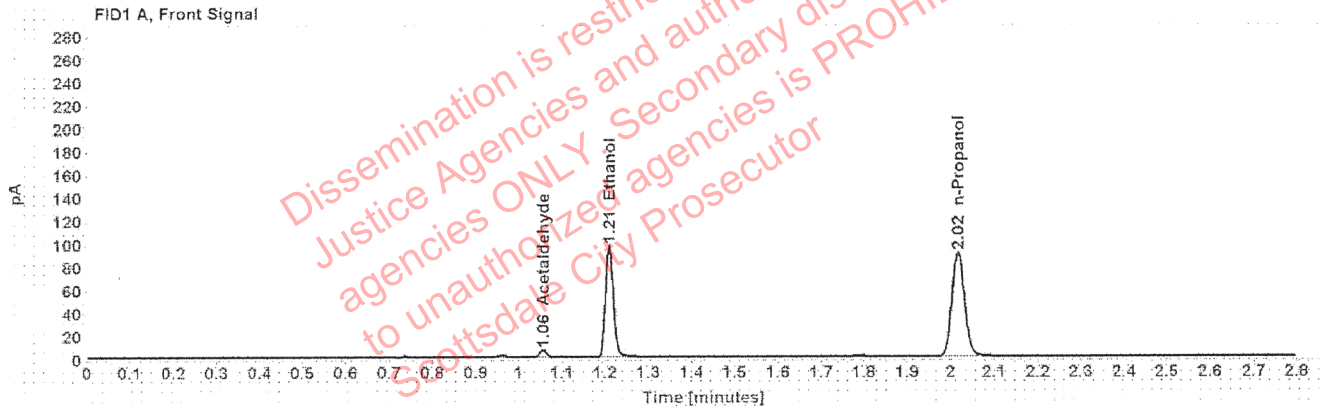


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	6.023
>Ethanol	0.1940	1.210	123.464
n-Propanol	-----	2.016	180.793

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	7.875
Ethanol	1.375	153.631
n-Propanol	2.468	221.881

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1275953	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Oct20
Instrument:	US14173023 CN14160045	Injection date:	10/13/2020 5:18:13 PM
Data file:	C:\Chem32\1\Data\13Oct20\11.D	Analyst:	Abbott

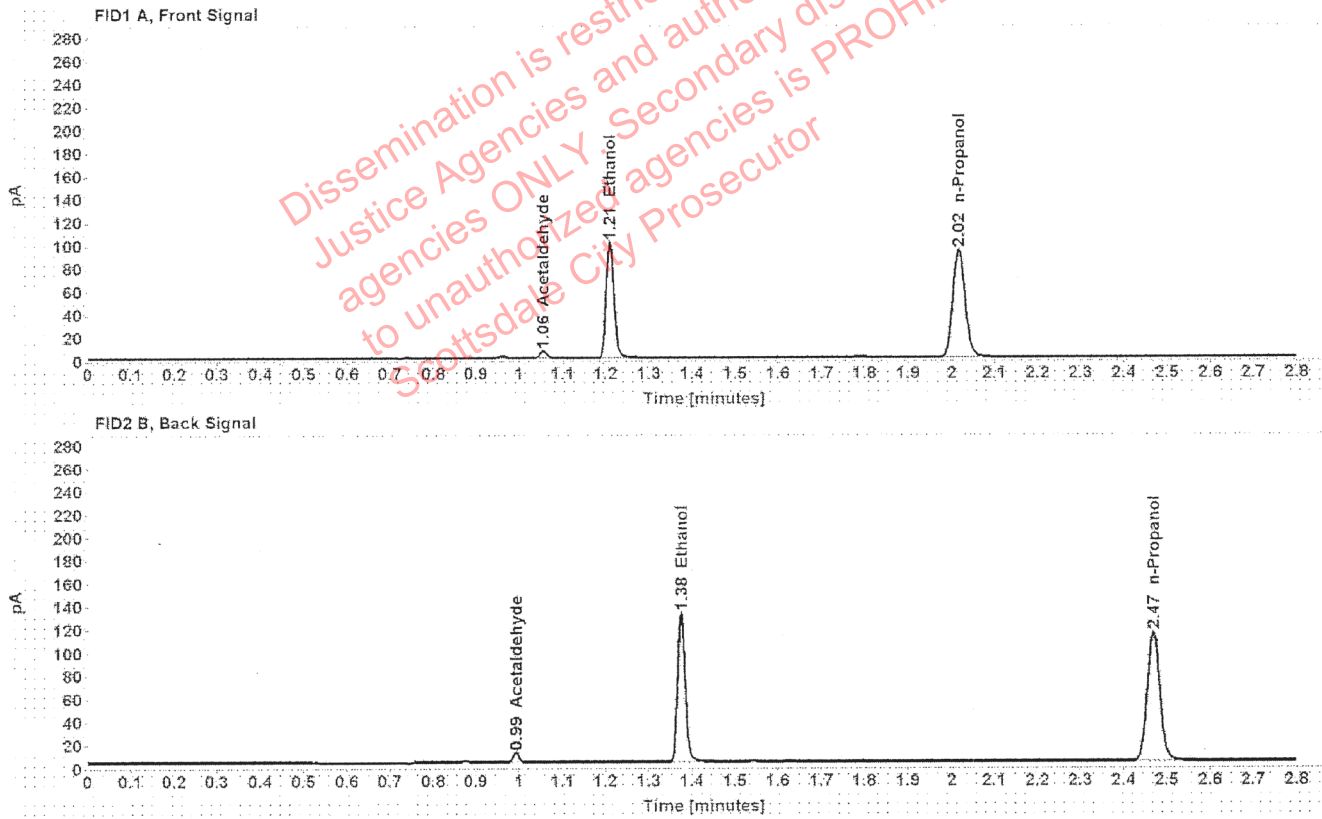


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	6.157
>Ethanol	0.1955	1.210	128.151
n-Propanol	-----	2.017	186.219

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	8.013
Ethanol	1.375	159.208
n-Propanol	2.468	228.694

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1340268	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Oct20
Instrument:	US14173023 CN14160045	Injection date:	10/13/2020 5:22:12 PM
Data file:	C:\Chem32\1\Data\13Oct20\12.D	Analyst:	Abbott

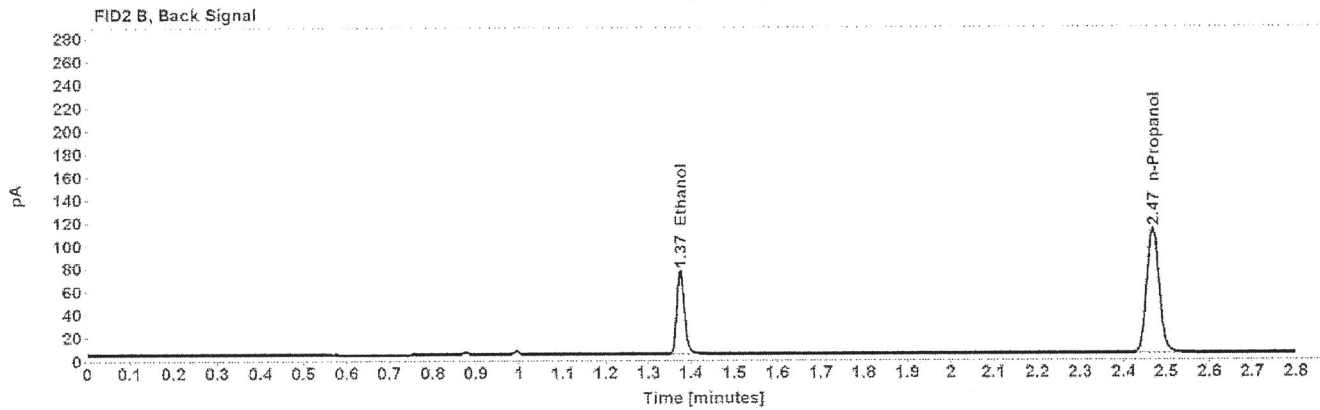
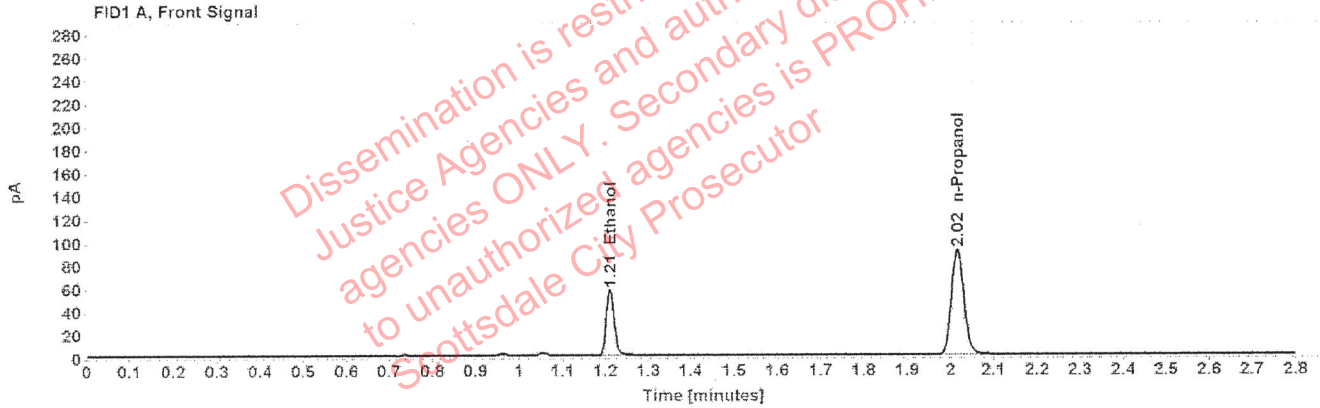


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1148	1.211	72.988
n-Propanol	-----	2.016	181.451

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

Compound	Time (min)	Peak Area
Ethanol	1.375	90.516
n-Propanol	2.468	221.502

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1340268	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Oct20
Instrument:	US14173023 CN14160045	Injection date:	10/13/2020 5:26:28 PM
Data file:	C:\Chem32\1\Data\13Oct20\13.D	Analyst:	Abbott

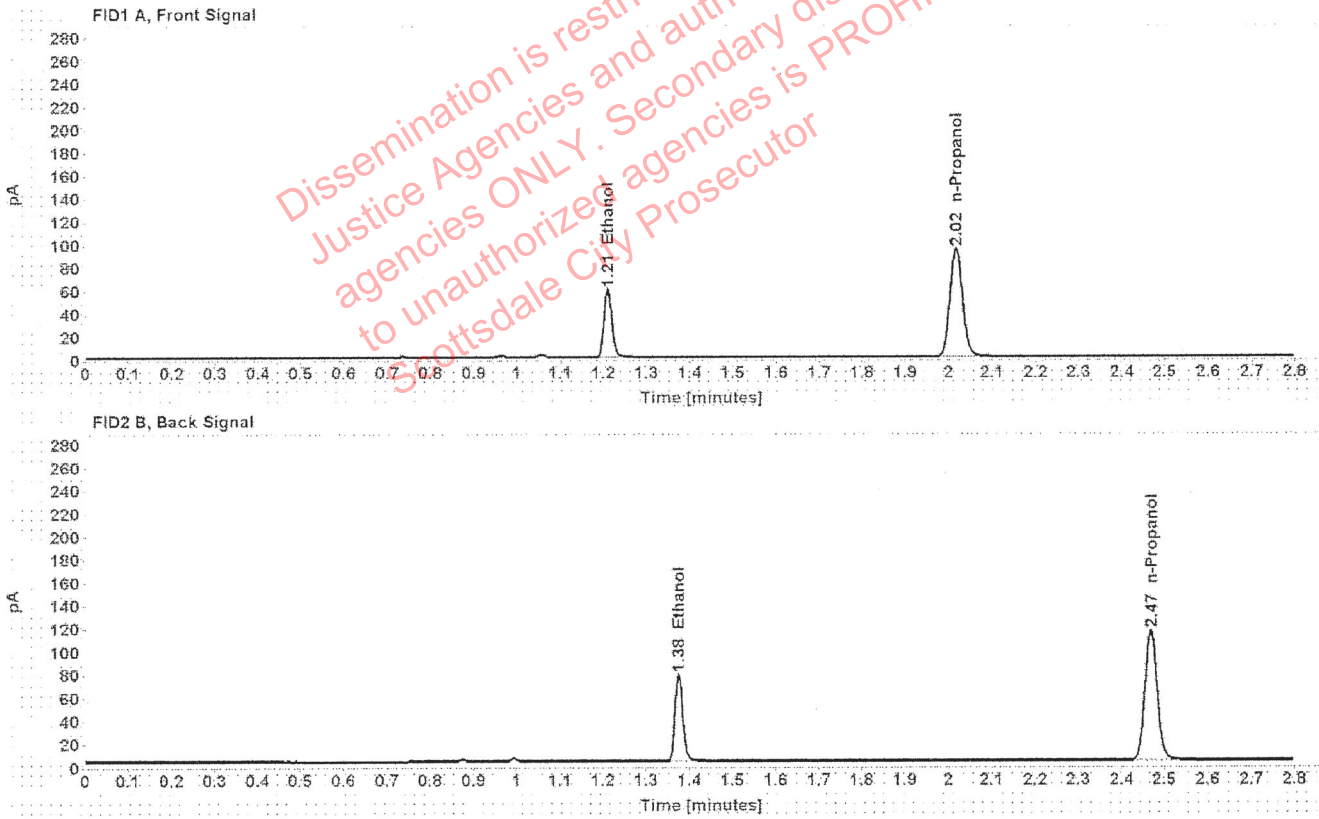


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1154	1.211	75.829
n-Propanol	-----	2.016	187.479

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

Compound	Time (min)	Peak Area
Ethanol	1.375	93.813
n-Propanol	2.468	228.746

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1340486	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Oct20
Instrument:	US14173023 CN14160045	Injection date:	10/13/2020 5:30:28 PM
Data file:	C:\Chem32\1\Data\13Oct20\14.D	Analyst:	Abbott

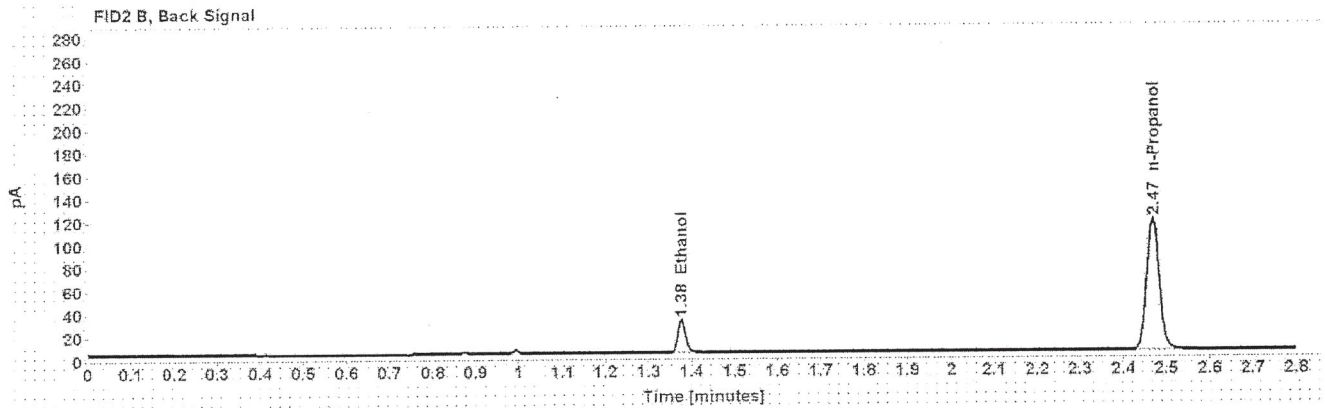
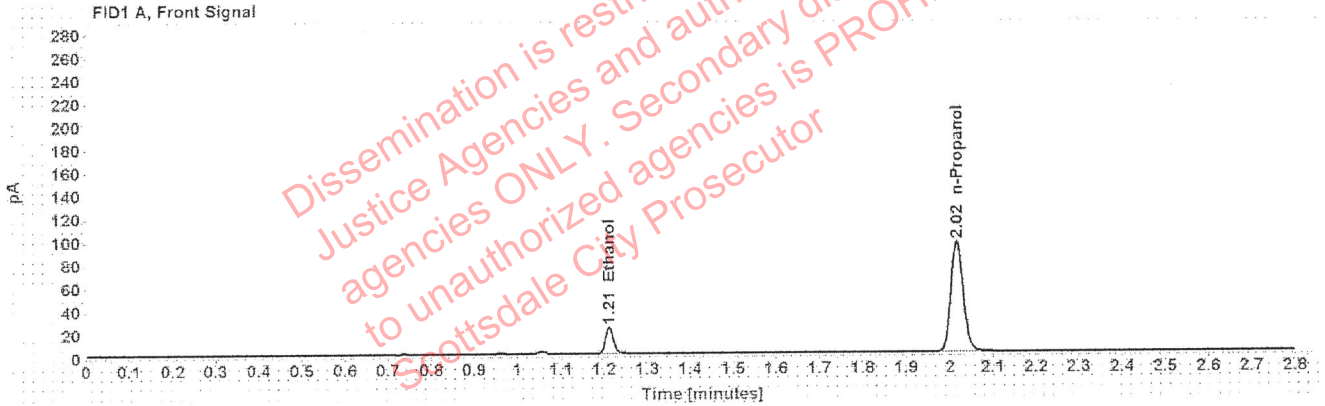


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0443	1.212	29.095
n-Propanol	-----	2.016	191.311

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

Compound	Time (min)	Peak Area
Ethanol	1.376	36.583
n-Propanol	2.468	233.857

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1340486	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Oct20
Instrument:	US14173023 CN14160045	Injection date:	10/13/2020 5:34:28 PM
Data file:	C:\Chem32\1\Data\13Oct20\15.D	Analyst:	Abbott

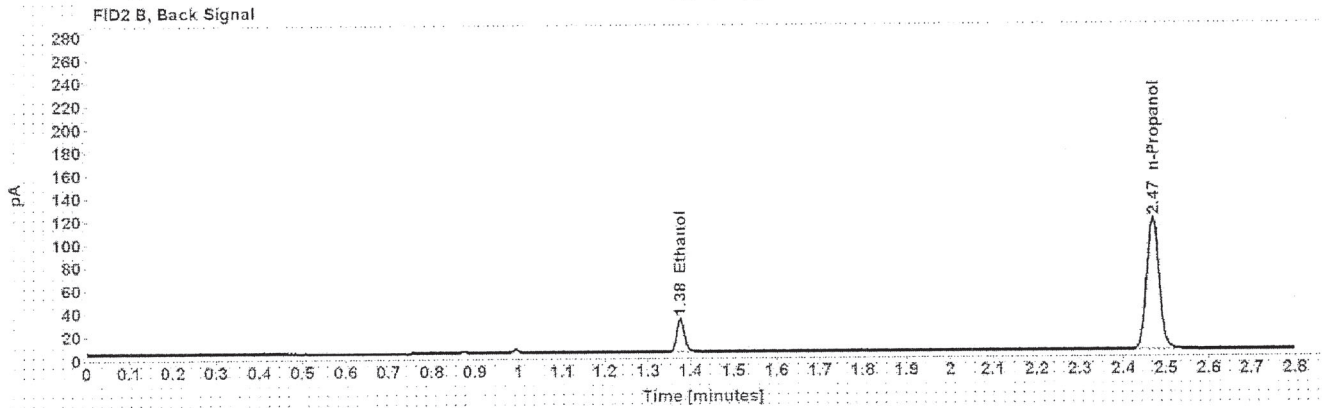
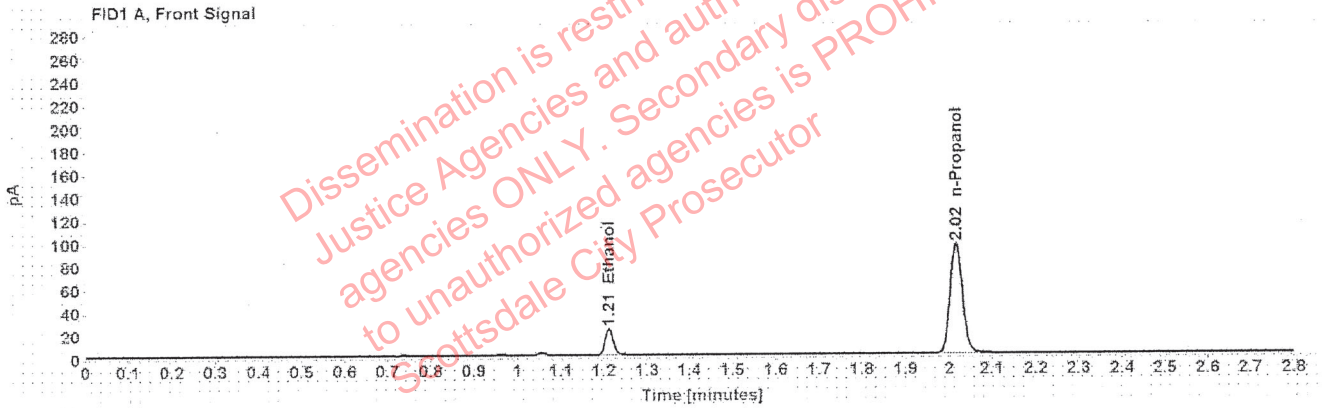


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0442	1.212	29.019
n-Propanol	-----	2.016	191.252

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

Compound	Time (min)	Peak Area
Ethanol	1.376	36.624
n-Propanol	2.468	233.588

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1336143	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Oct20
Instrument:	US14173023 CN14160045	Injection date:	10/13/2020 5:38:28 PM
Data file:	C:\Chem32\1\Data\13Oct20\16.D	Analyst:	Abbott

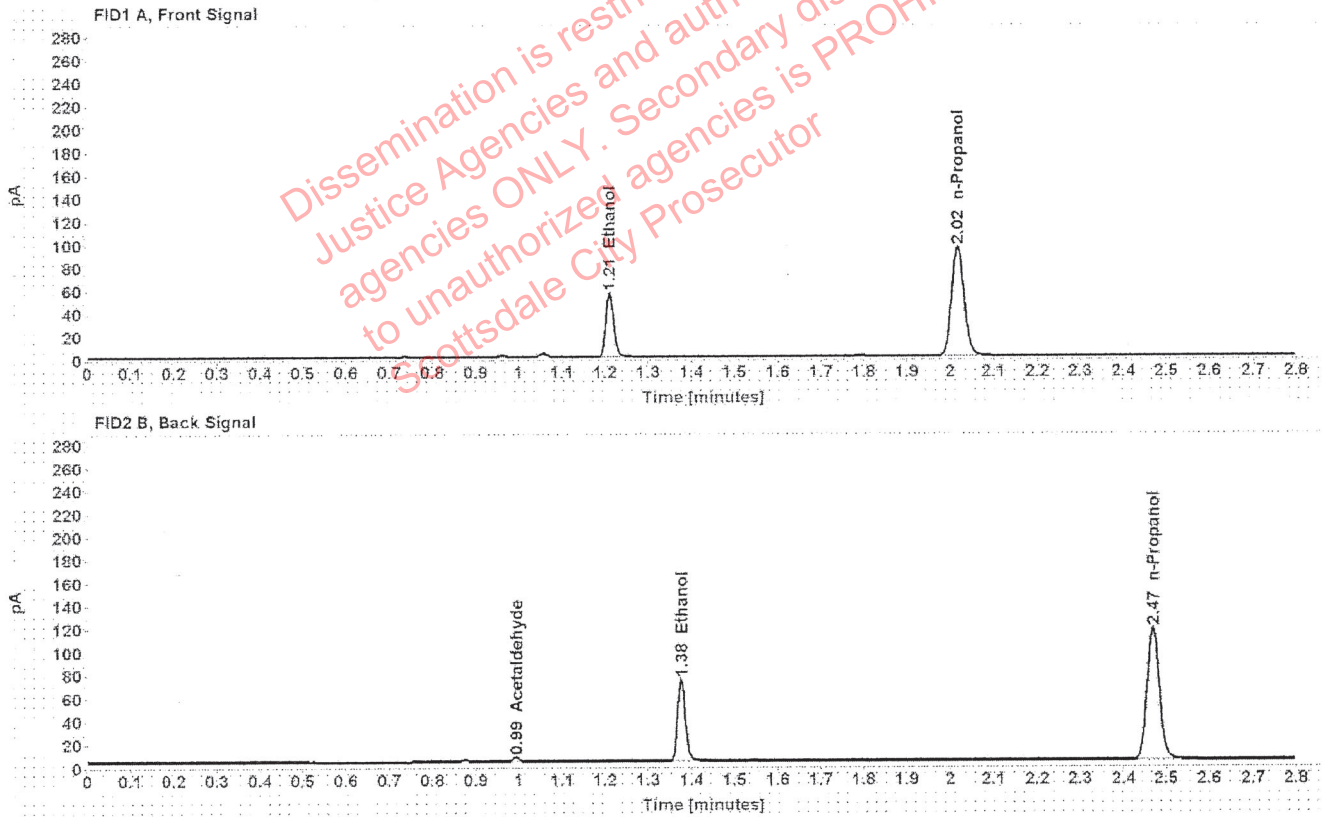


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1070	1.211	71.296
n-Propanol	-----	2.017	190.345

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	3.895
Ethanol	1.375	88.343
n-Propanol	2.468	232.784

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1336143	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Oct20
Instrument:	US14173023 CN14160045	Injection date:	10/13/2020 5:42:28 PM
Data file:	C:\Chem32\1\Data\13Oct20\17.D	Analyst:	Abbott

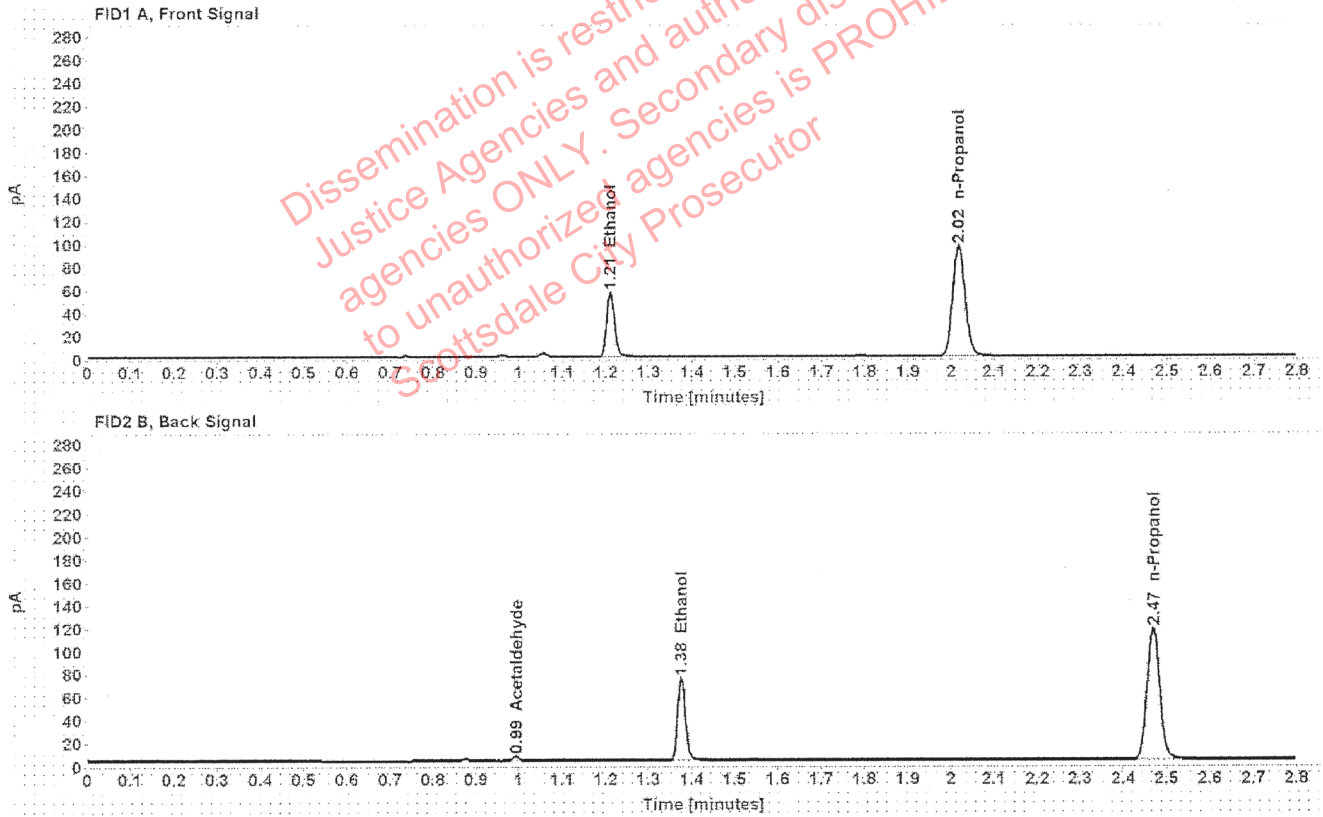


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1077	1.211	72.022
n-Propanol	-----	2.017	191.059

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	3.817
Ethanol	1.375	89.151
n-Propanol	2.469	233.741

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1340342	Vial:	18
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	13Oct20
Instrument:	US14173023 CN14160045	Injection date:	10/13/2020 5:46:28 PM
Data file:	C:\Chem32\1\Data\13Oct20\18.D	Analyst:	Abbott

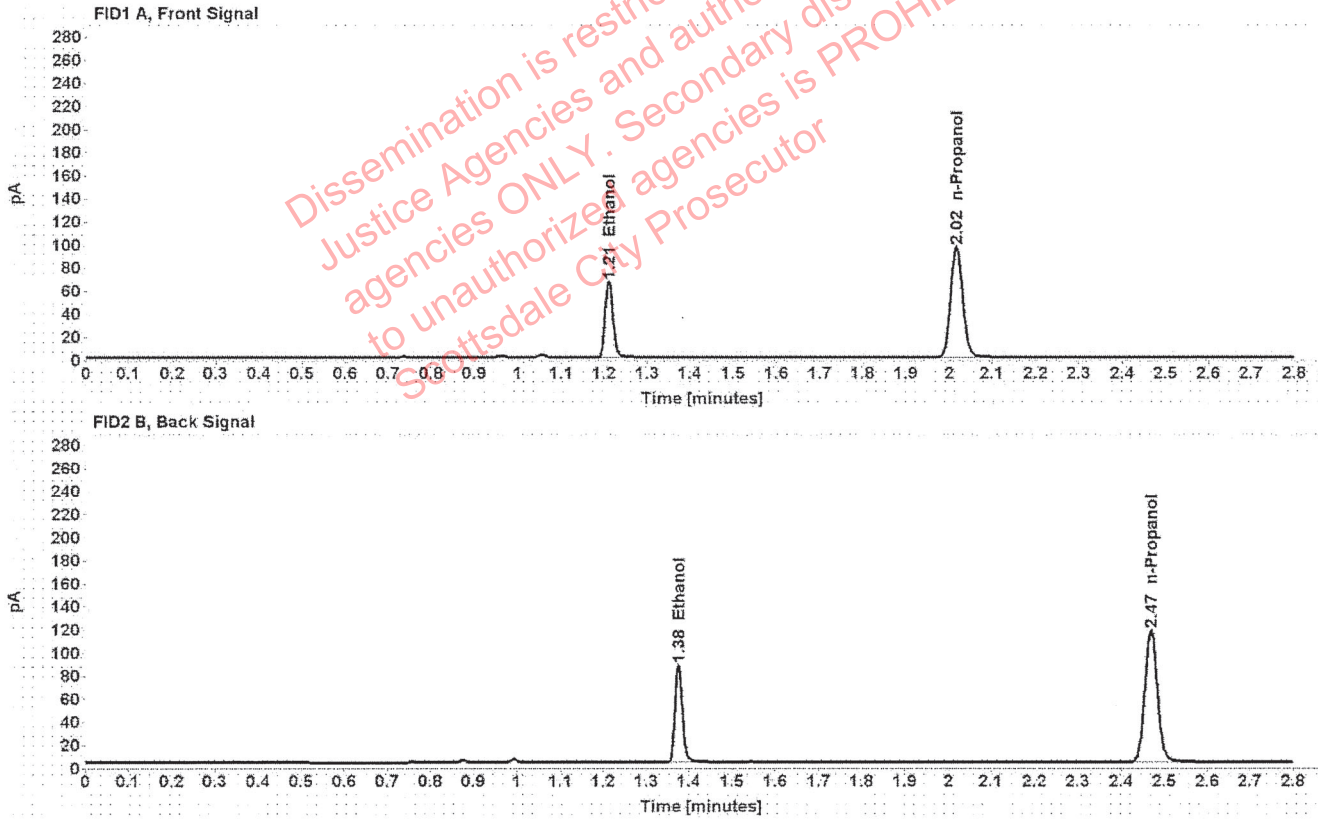


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1262	1.211	84.615
n-Propanol	-----	2.017	191.120

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

Compound	Time (min)	Peak Area
Ethanol	1.375	104.867
n-Propanol	2.469	233.547

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1340342	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Oct20
Instrument:	US14173023 CN14160045	Injection date:	10/13/2020 5:50:43 PM
Data file:	C:\Chem32\1\Data\13Oct20\19.D	Analyst:	Abbott

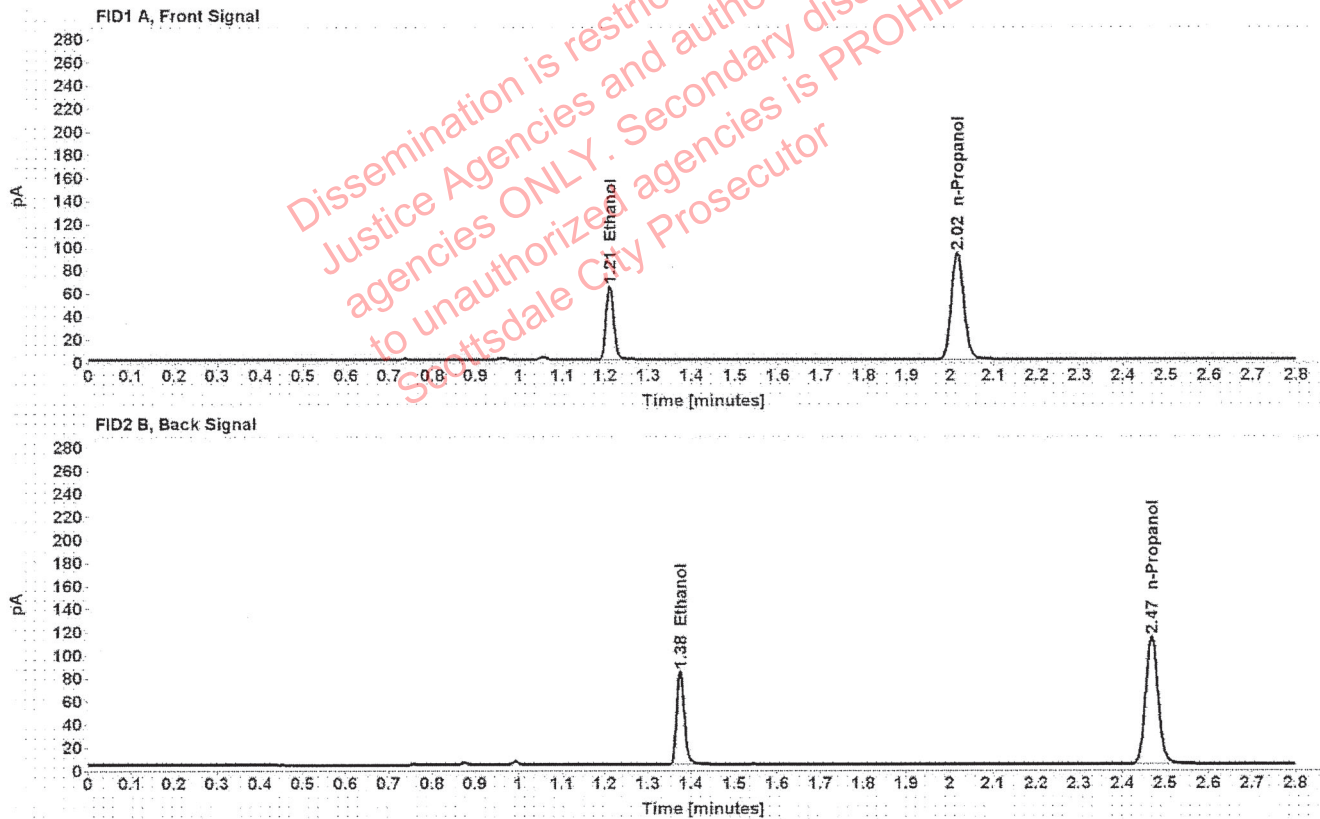


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1258	1.211	81.608
n-Propanol	-----	2.016	184.957

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

Compound	Time (min)	Peak Area
Ethanol	1.375	101.121
n-Propanol	2.468	225.692

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1340100	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Oct20
Instrument:	US14173023 CN14160045	Injection date:	10/13/2020 5:58:43 PM
Data file:	C:\Chem32\1\Data\13Oct20\21.D	Analyst:	Abbott

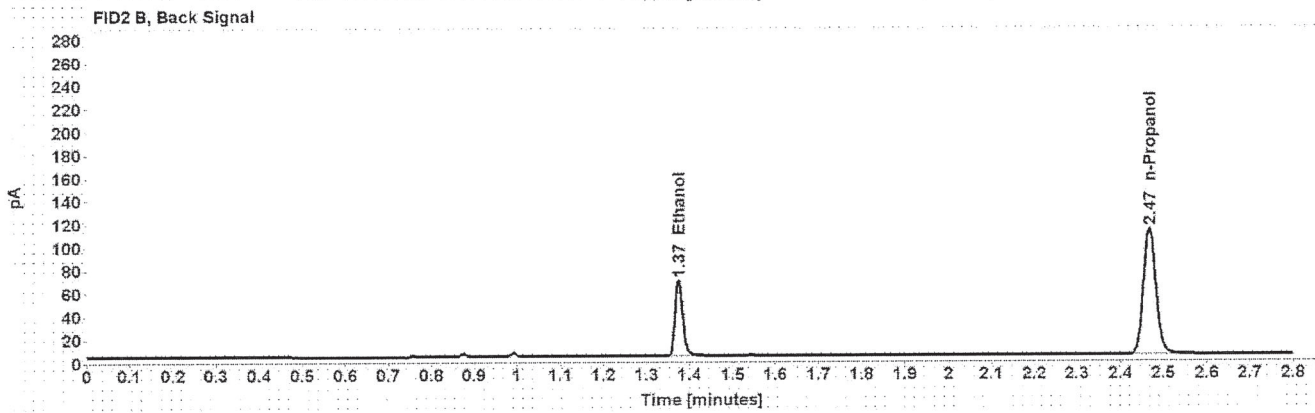
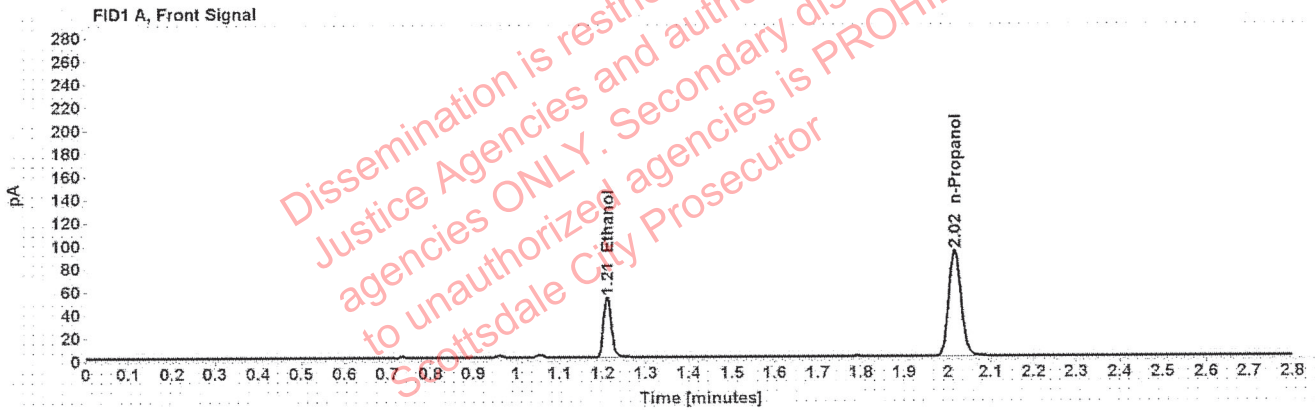


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1038	1.211	66.501
n-Propanol	-----	2.016	183.150

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

Compound	Time (min)	Peak Area
Ethanol	1.375	82.439
n-Propanol	2.468	223.542

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1340100	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Oct20
Instrument:	US14173023 CN14160045	Injection date:	10/13/2020 6:02:43 PM
Data file:	C:\Chem32\1\Data\13Oct20\22.D	Analyst:	Abbott

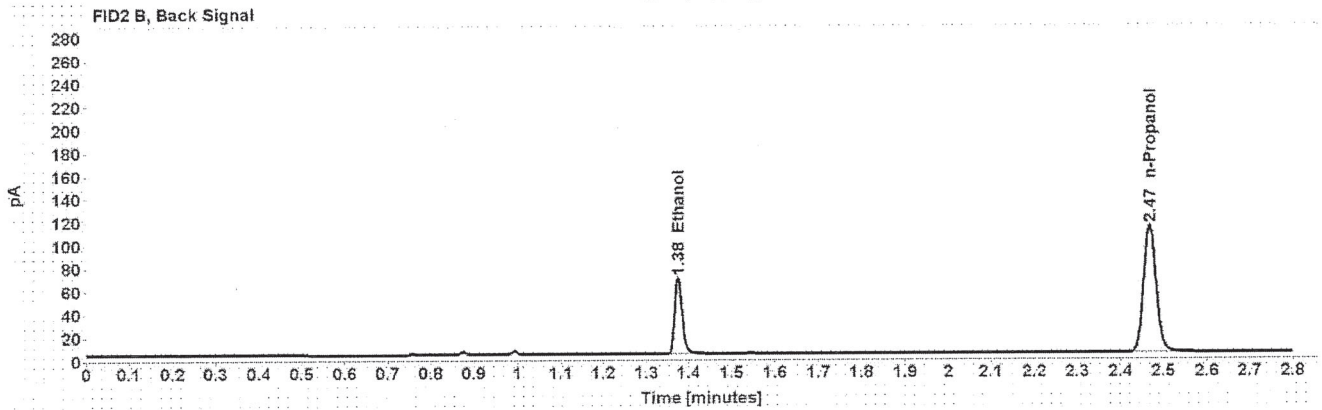
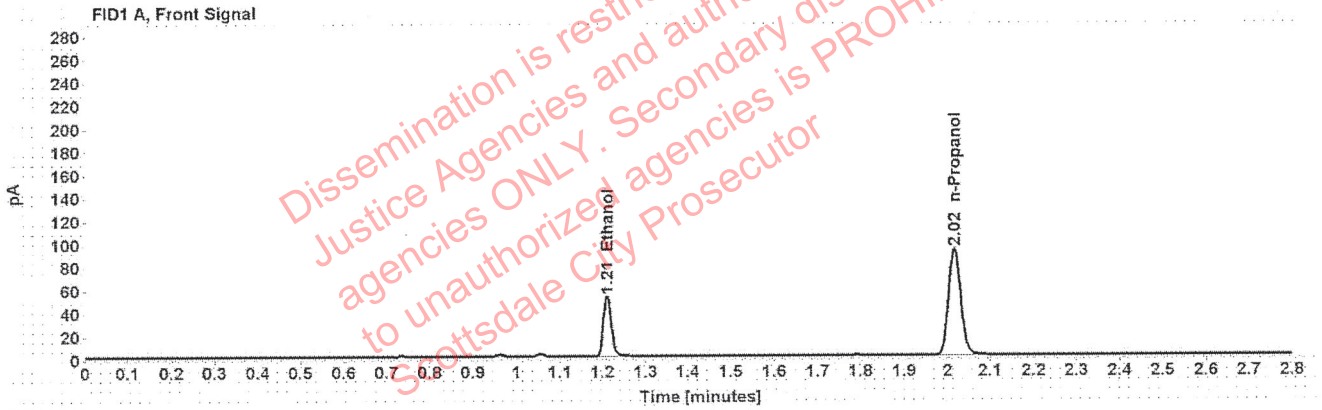


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1036	1.211	66.732
n-Propanol	-----	2.016	184.082

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

Compound	Time (min)	Peak Area
Ethanol	1.375	82.711
n-Propanol	2.468	225.048

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1311842	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Oct20
Instrument:	US14173023 CN14160045	Injection date:	10/13/2020 6:06:43 PM
Data file:	C:\Chem32\1\Data\13Oct20\23.D	Analyst:	Abbott

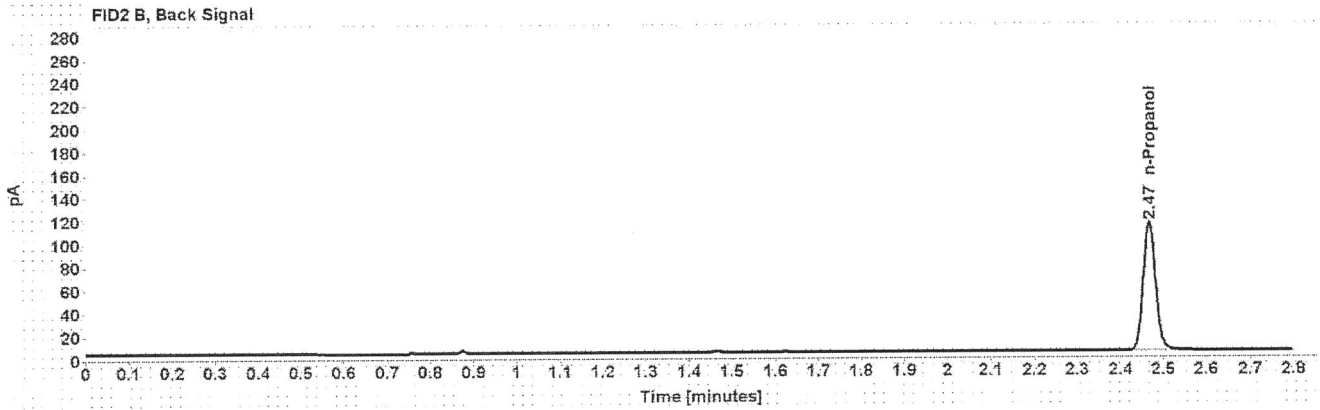
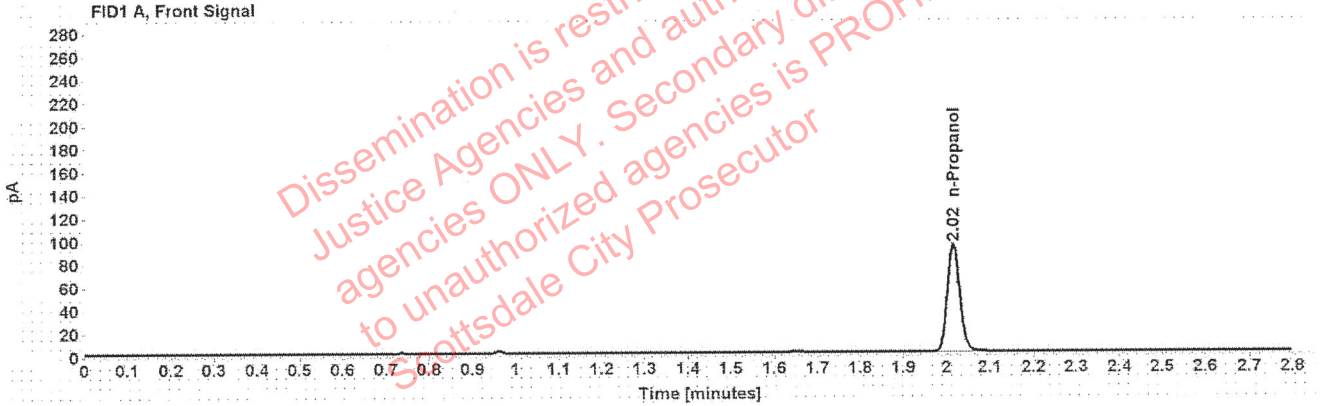


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	185.539

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

Compound	Time (min)	Peak Area
n-Propanol	2.467	227.477

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1311842	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Oct20
Instrument:	US14173023 CN14160045	Injection date:	10/13/2020 6:10:43 PM
Data file:	C:\Chem32\1\Data\13Oct20\24.D	Analyst:	Abbott

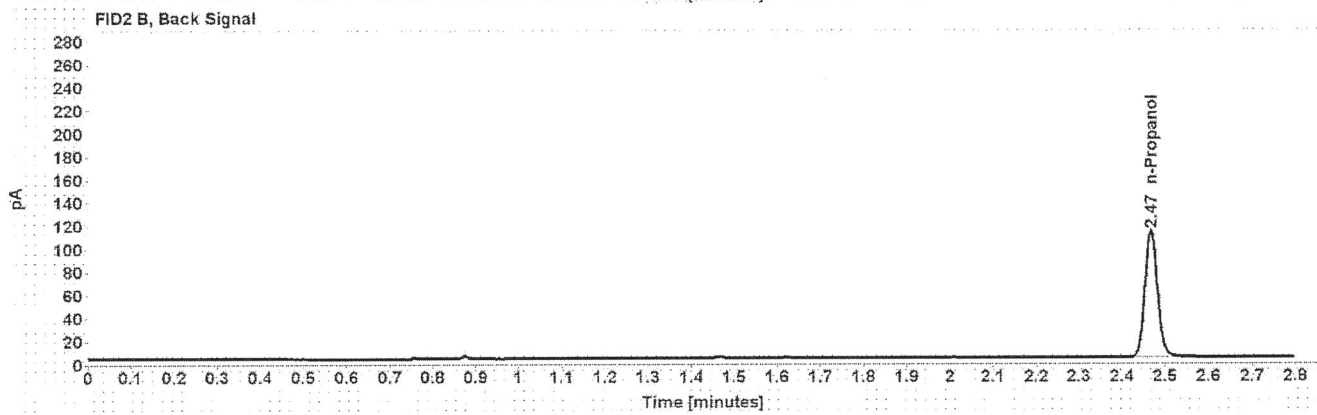
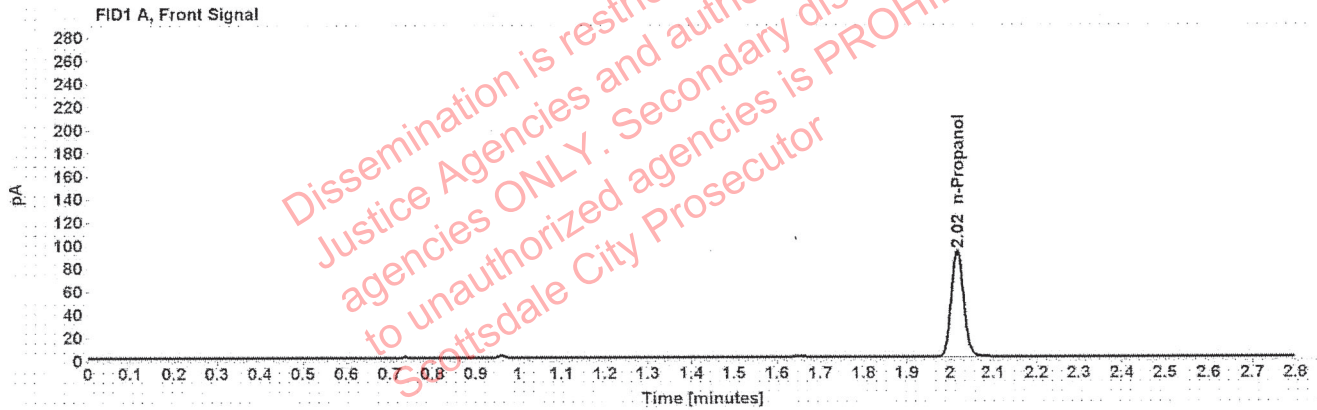


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	183.475

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

Compound	Time (min)	Peak Area
n-Propanol	2.467	224.577

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1338989	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Oct20
Instrument:	US14173023 CN14160045	Injection date:	10/13/2020 6:14:58 PM
Data file:	C:\Chem32\1\Data\13Oct20\25.D	Analyst:	Abbott

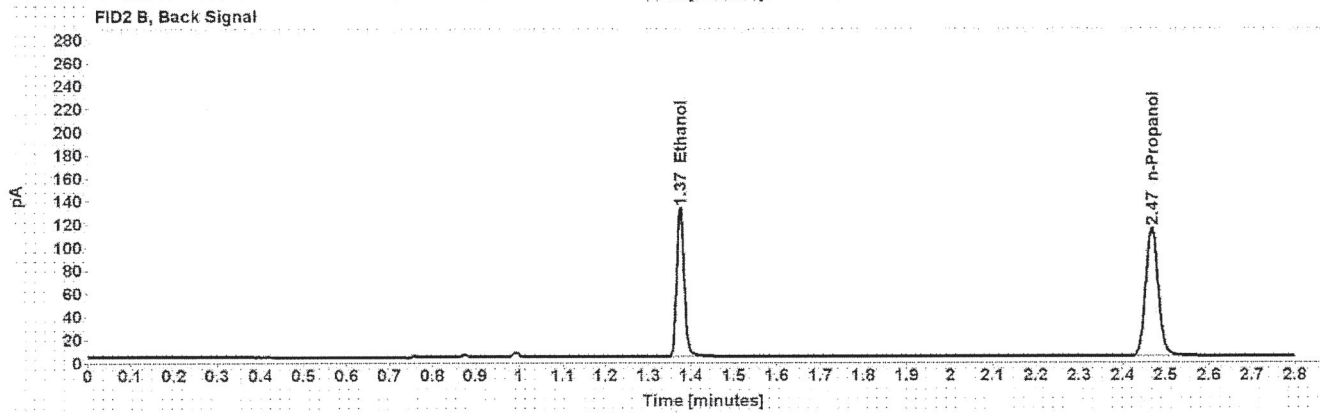
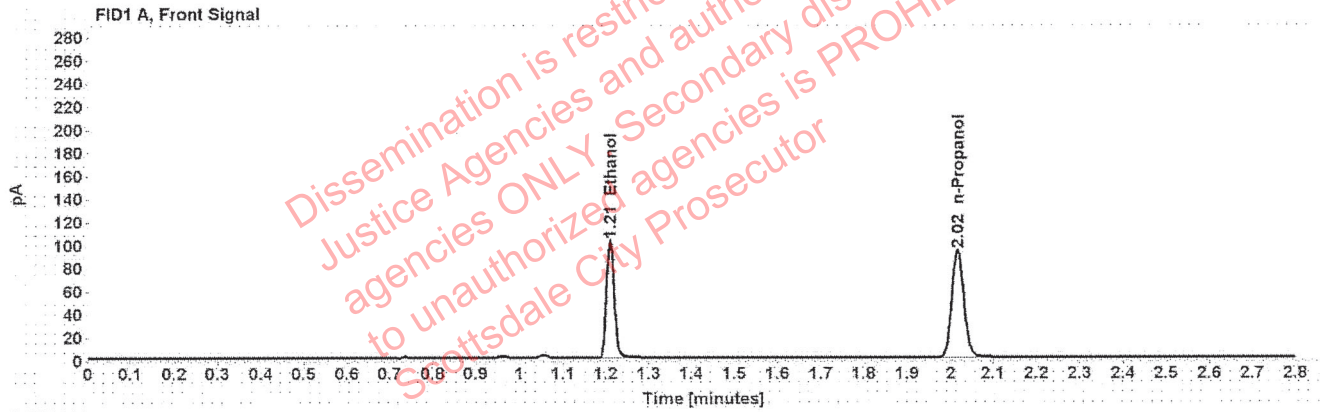


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1985	1.210	129.614
n-Propanol	-----	2.016	185.486

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

Compound	Time (min)	Peak Area
Ethanol	1.374	161.397
n-Propanol	2.468	226.576

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1338989	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Oct20
Instrument:	US14173023 CN14160045	Injection date:	10/13/2020 6:18:57 PM
Data file:	C:\Chem32\1\Data\13Oct20\26.D	Analyst:	Abbott

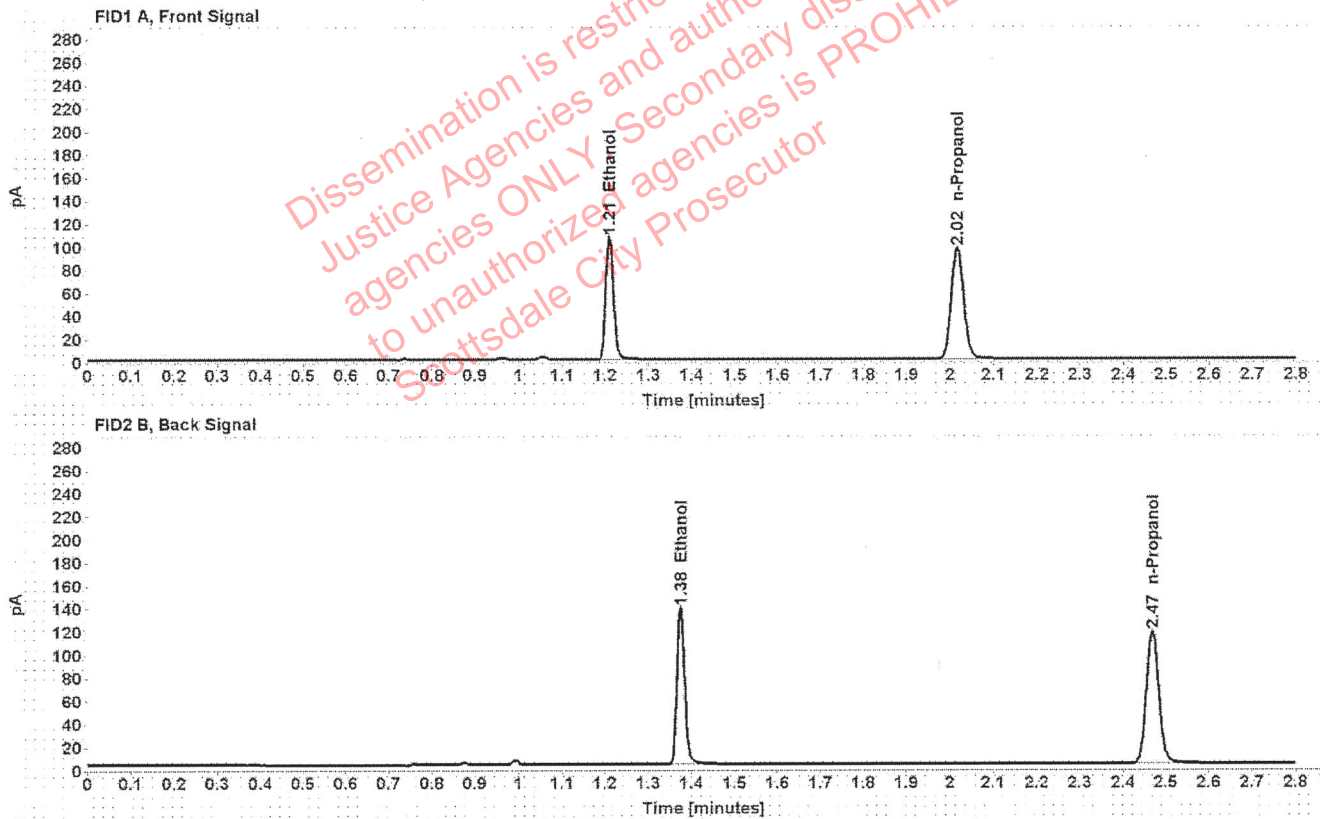


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2003	1.210	135.437
n-Propanol	-----	2.017	191.998

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

Compound	Time (min)	Peak Area
Ethanol	1.375	168.401
n-Propanol	2.469	234.895

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1341093	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Oct20
Instrument:	US14173023 CN14160045	Injection date:	10/13/2020 6:22:58 PM
Data file:	C:\Chem32\1\Data\13Oct20\27.D	Analyst:	Abbott

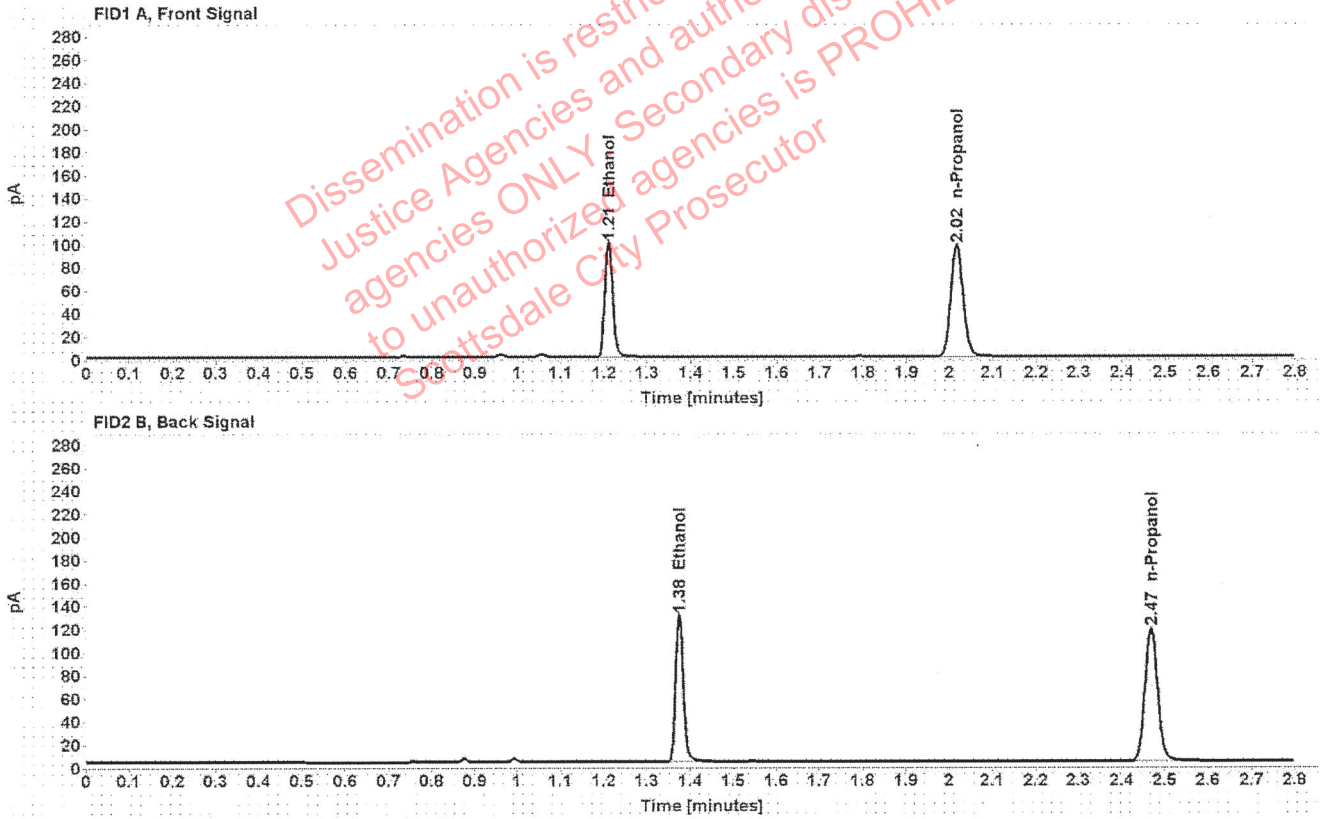


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1875	1.210	127.413
n-Propanol	-----	2.017	193.093

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

Compound	Time (min)	Peak Area
Ethanol	1.375	158.454
n-Propanol	2.469	235.666

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1341093	Vial: 28
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 13Oct20
Instrument: US14173023 CN14160045	Injection date: 10/13/2020 6:26:58 PM
Data file: C:\Chem32\1\Data\13Oct20\28.D	Analyst: Abbott

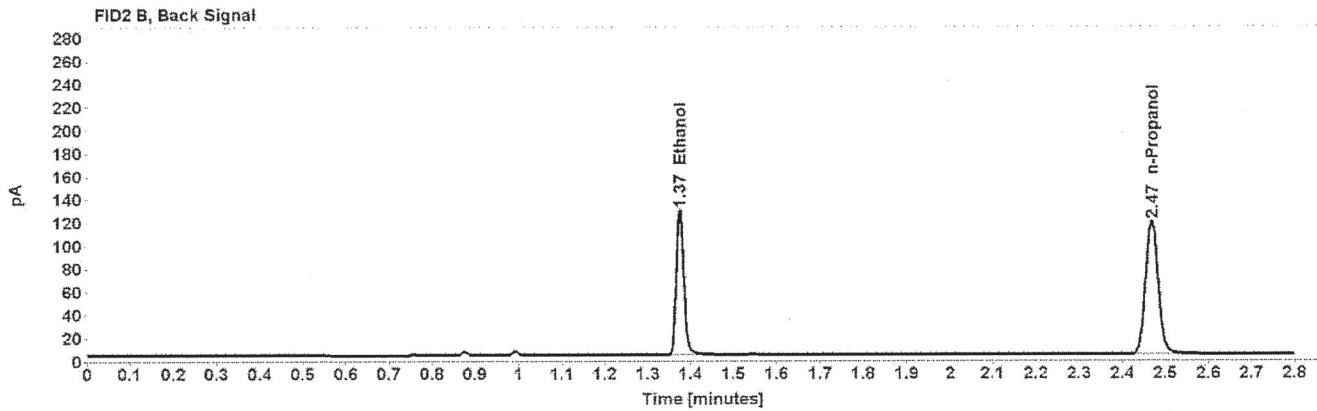
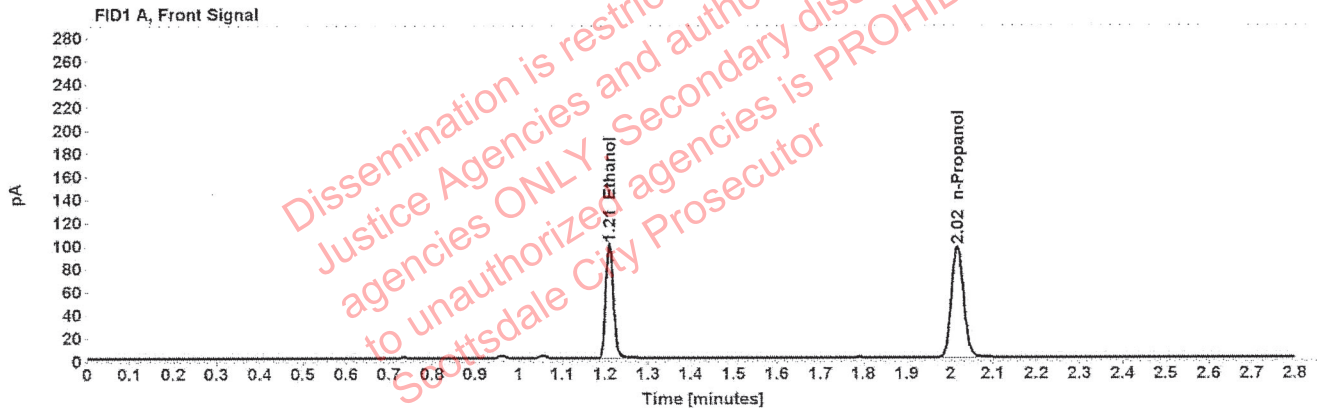


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1853	1.210	125.868
n-Propanol	-----	2.016	193.048

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

Compound	Time (min)	Peak Area
Ethanol	1.375	156.705
n-Propanol	2.468	235.822

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1341166	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Oct20
Instrument:	US14173023 CN14160045	Injection date:	10/13/2020 6:30:57 PM
Data file:	C:\Chem32\1\Data\13Oct20\29.D	Analyst:	Abbott

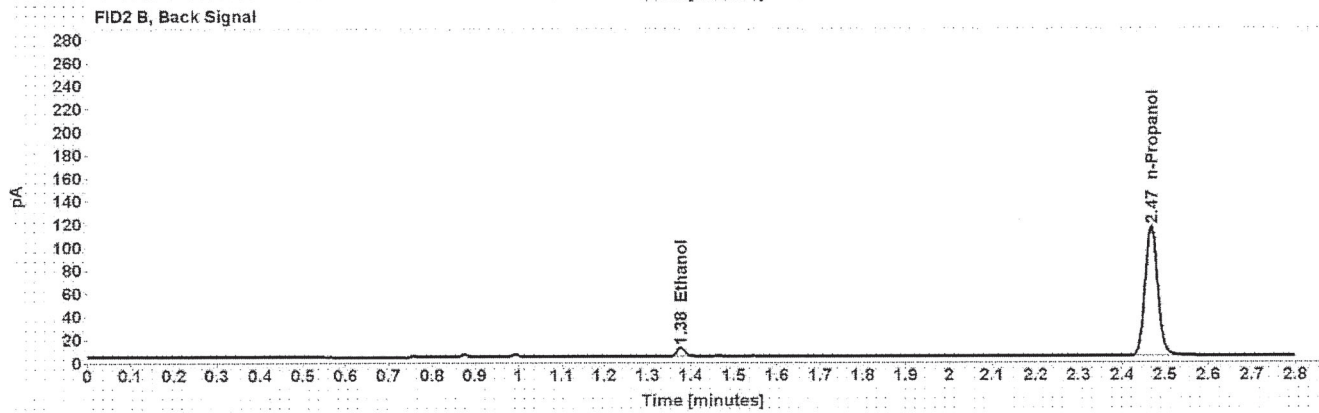
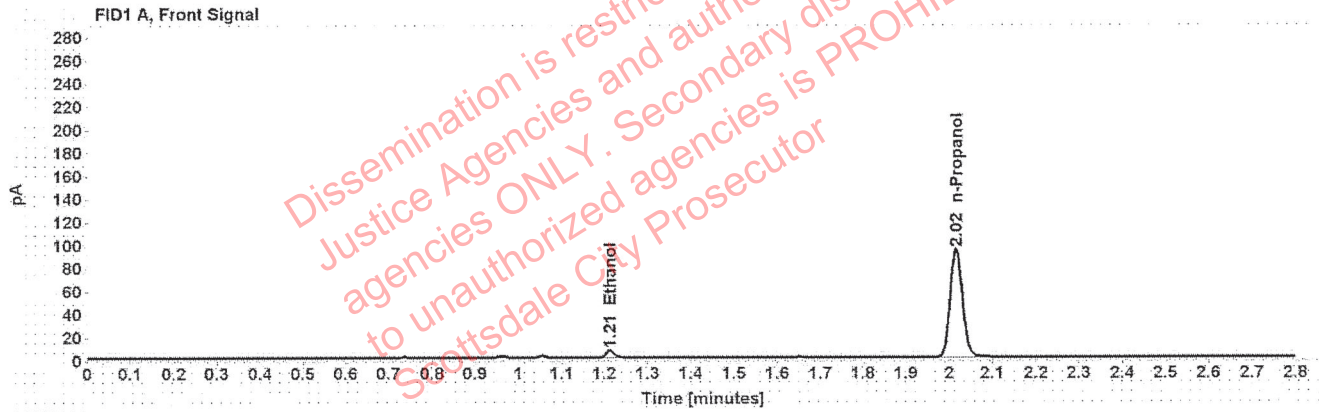


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0135	1.213	8.091
n-Propanol	-----	2.016	187.751

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

Compound	Time (min)	Peak Area
Ethanol	1.377	10.189
n-Propanol	2.468	229.531

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1341166	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Oct20
Instrument:	US14173023 CN14160045	Injection date:	10/13/2020 6:34:58 PM
Data file:	C:\Chem32\1\Data\13Oct20\30.D	Analyst:	Abbott

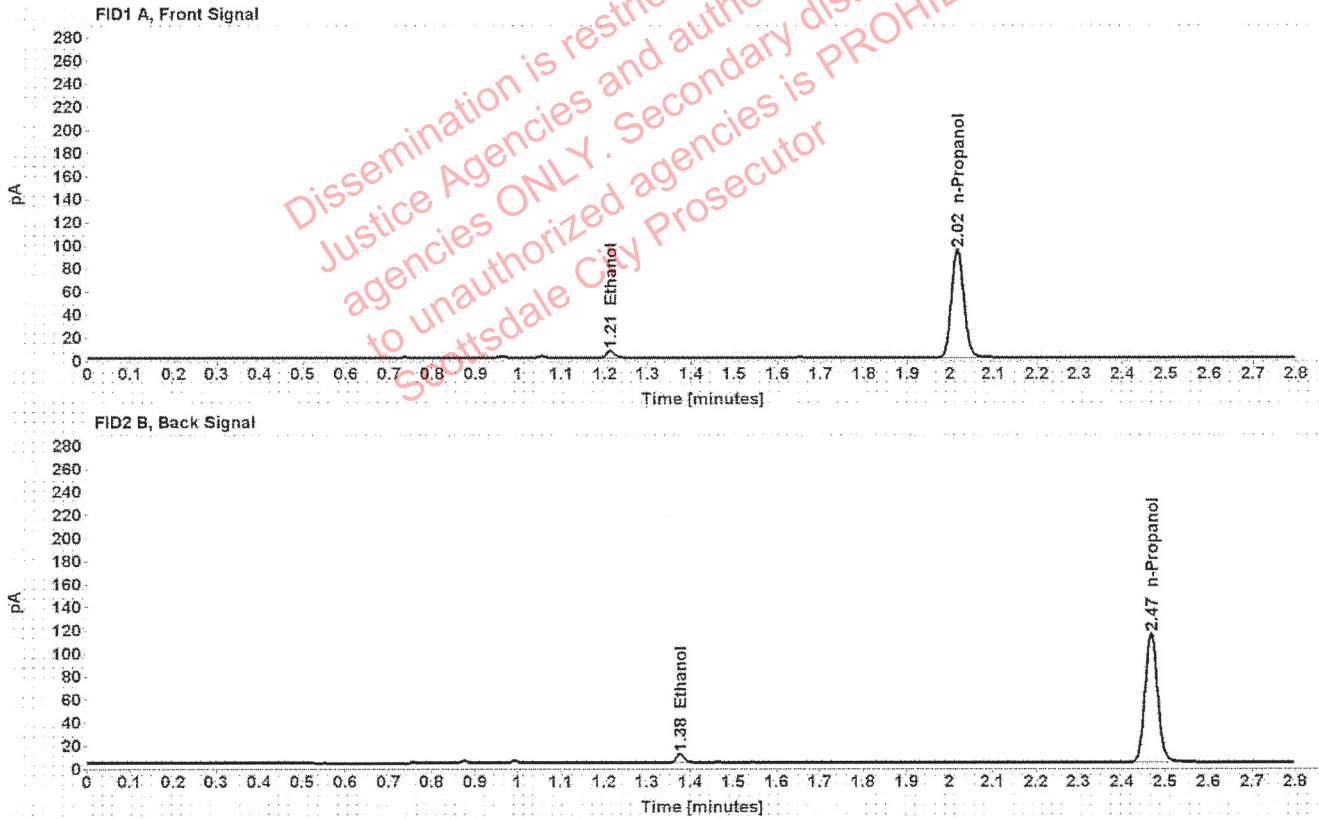


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0134	1.213	7.949
n-Propanol	-----	2.016	186.918

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

Compound	Time (min)	Peak Area
Ethanol	1.377	10.127
n-Propanol	2.468	228.314

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1341531	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Oct20
Instrument:	US14173023 CN14160045	Injection date:	10/13/2020 6:43:13 PM
Data file:	C:\Chem321\Data\13Oct20\32.D	Analyst:	Abbott

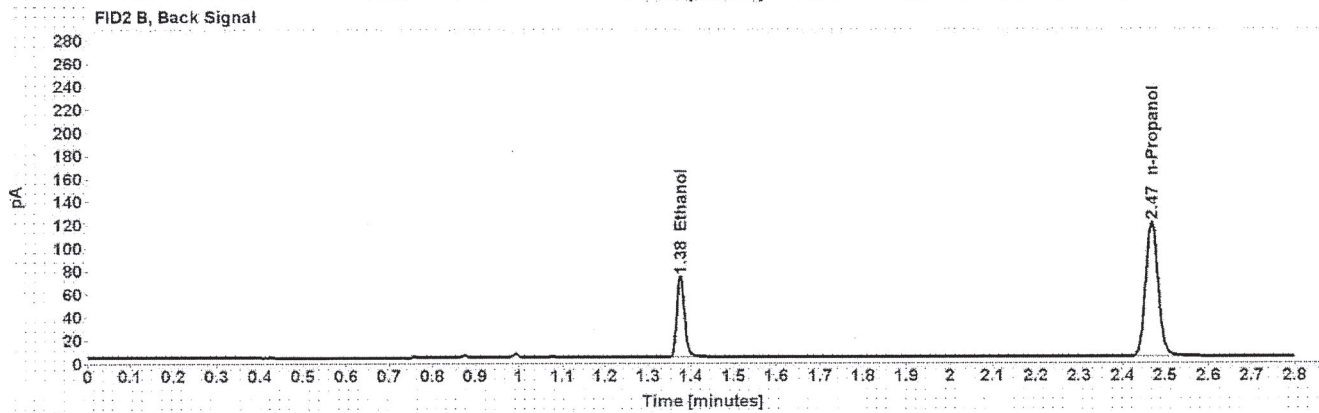
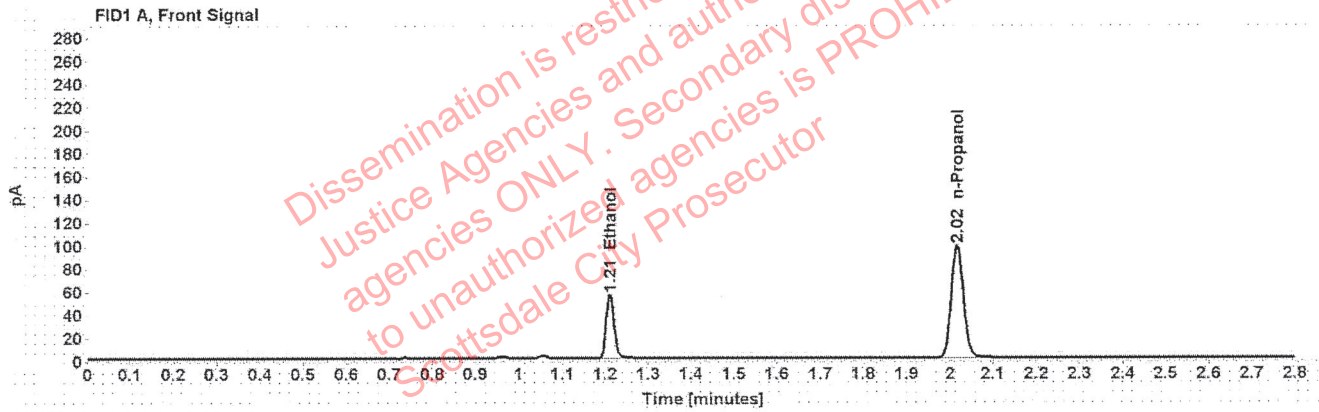


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1040	1.211	70.866
n-Propanol	-----	2.017	194.789

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

Compound	Time (min)	Peak Area
Ethanol	1.376	87.736
n-Propanol	2.468	237.977

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1341531	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Oct20
Instrument:	US14173023 CN14160045	Injection date:	10/13/2020 6:47:13 PM
Data file:	C:\Chem32\1\Data\13Oct20\33.D	Analyst:	Abbott

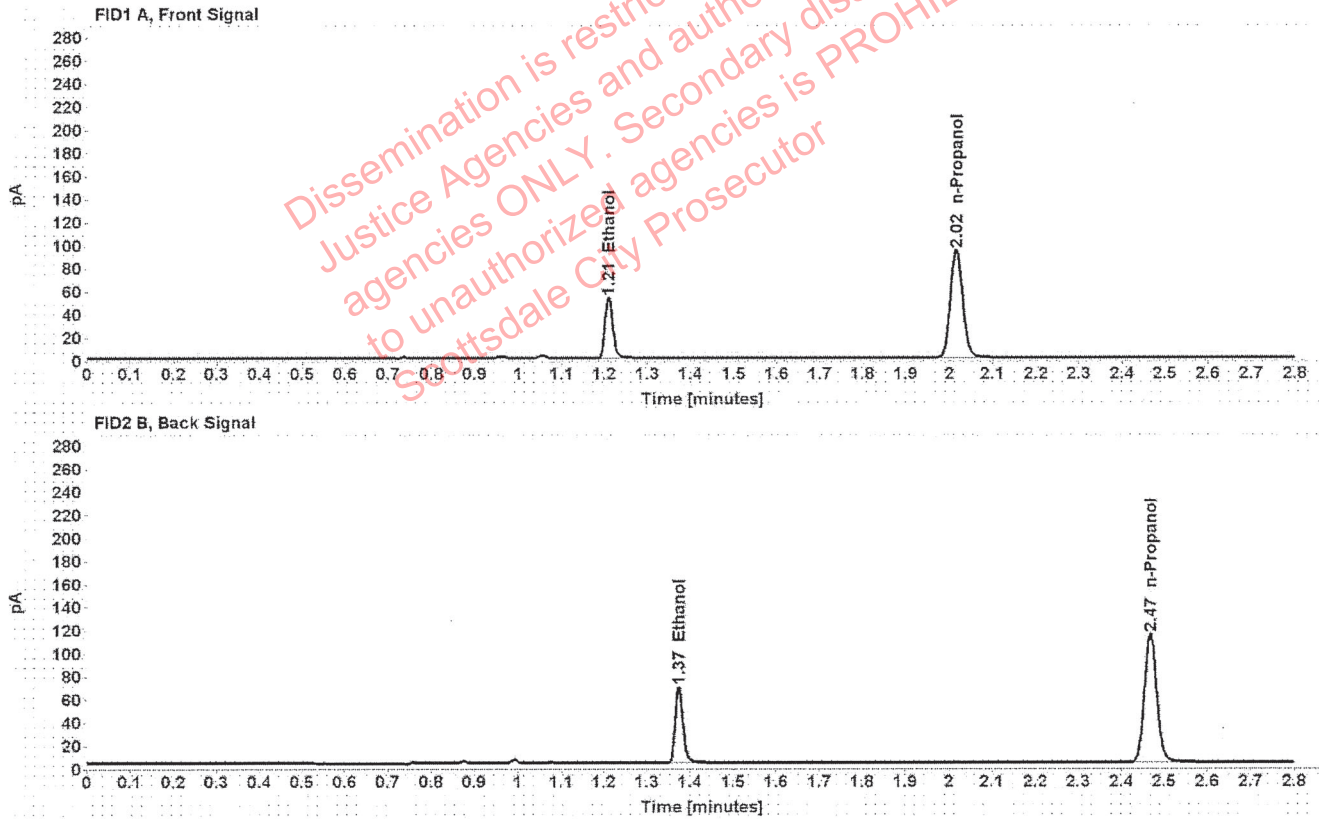


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1028	1.210	66.981
n-Propanol	-----	2.016	186.288

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

Compound	Time (min)	Peak Area
Ethanol	1.375	82.729
n-Propanol	2.468	227.406

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1341608	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Oct20
Instrument:	US14173023 CN14160045	Injection date:	10/13/2020 6:51:13 PM
Data file:	C:\Chem32\1\Data\13Oct20\34.D	Analyst:	Abbott

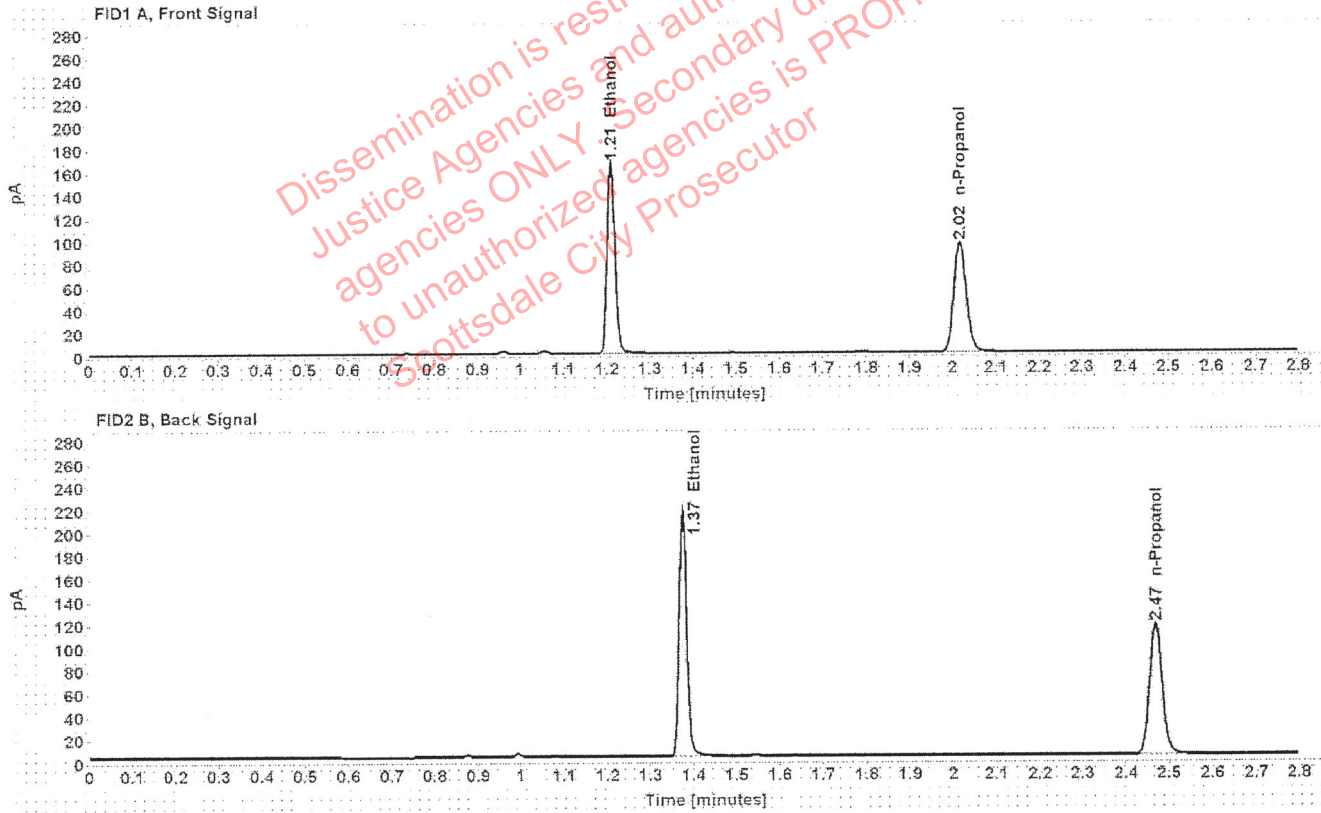


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3150	1.210	211.768
n-Propanol	-----	2.017	190.436

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

Compound	Time (min)	Peak Area
Ethanol	1.375	264.402
n-Propanol	2.469	232.995

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1341608	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Oct20
Instrument:	US14173023 CN14160045	Injection date:	10/13/2020 6:55:13 PM
Data file:	C:\Chem32\1\Data\13Oct20\35.D	Analyst:	Abbott

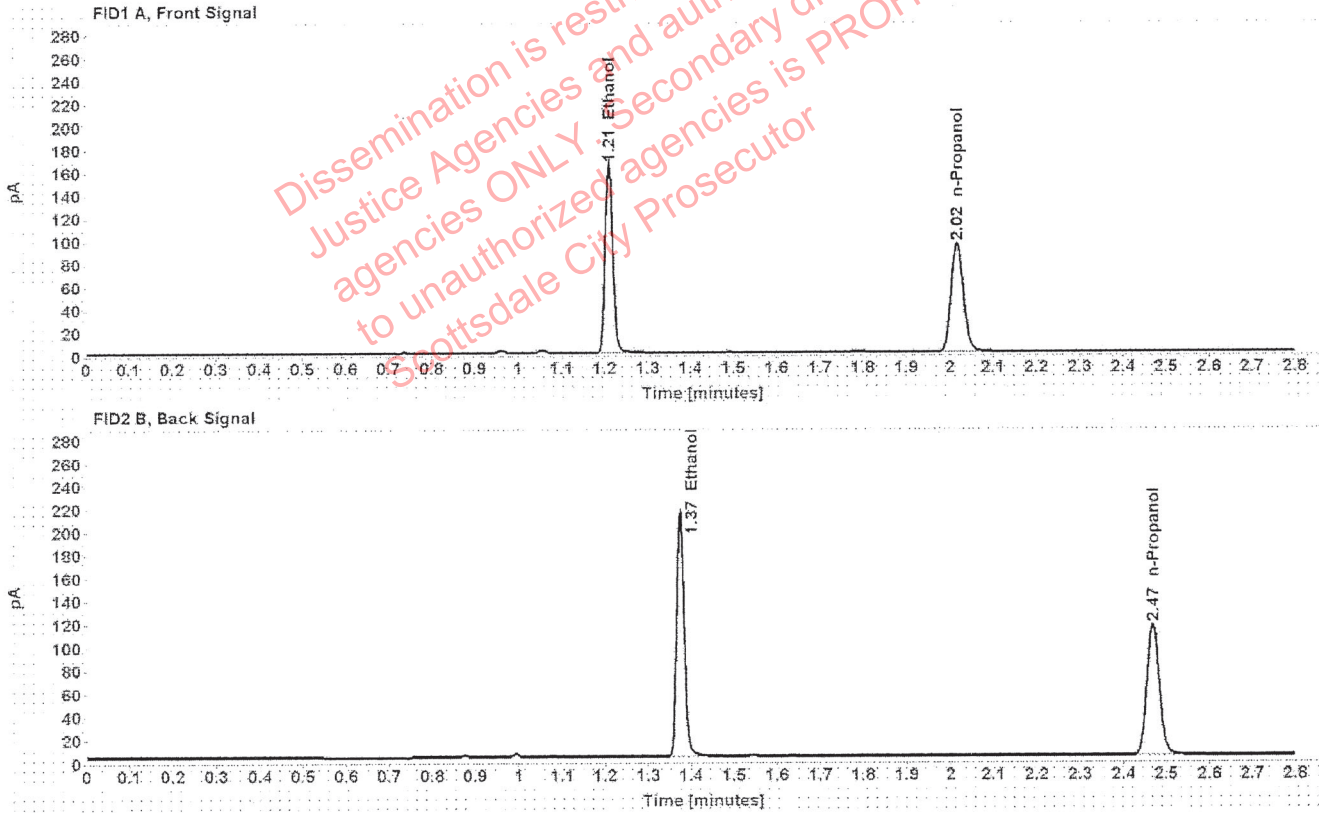


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3141	1.210	210.181
n-Propanol	-----	2.017	189.532

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

Compound	Time (min)	Peak Area
Ethanol	1.375	262.374
n-Propanol	2.468	231.799

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1341847	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Oct20
Instrument:	US14173023 CN14160045	Injection date:	10/13/2020 6:59:13 PM
Data file:	C:\Chem32\1\Data\13Oct20\36.D	Analyst:	Abbott

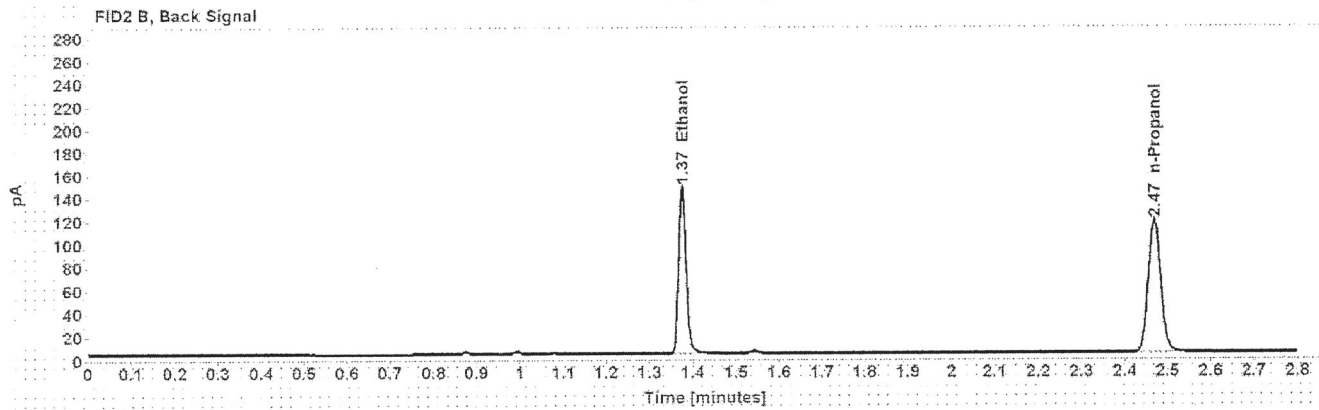
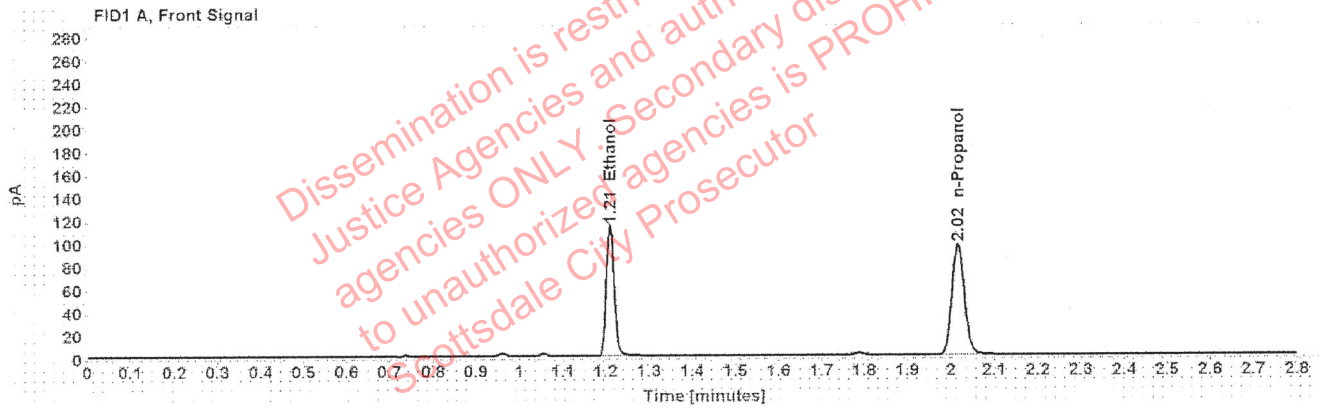


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2137	1.210	144.762
n-Propanol	-----	2.016	192.294

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

Compound	Time (min)	Peak Area
Ethanol	1.375	180.572
n-Propanol	2.468	234.490

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1341847	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Oct20
Instrument:	US14173023 CN14160045	Injection date:	10/13/2020 7:03:29 PM
Data file:	C:\Chem32\1\Data\13Oct20\37.D	Analyst:	Abbott

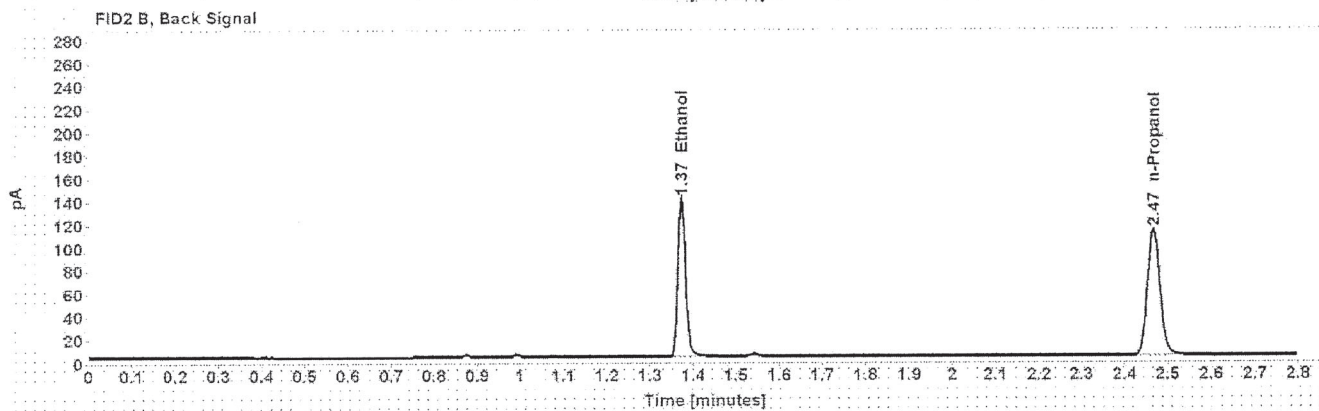
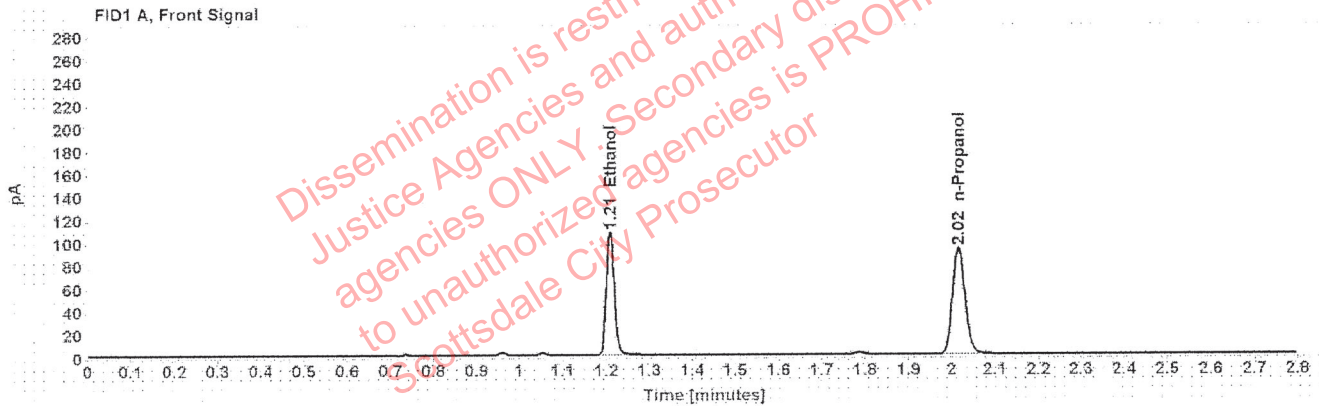


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2116	1.209	137.648
n-Propanol	-----	2.015	184.702

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

Compound	Time (min)	Peak Area
Ethanol	1.373	171.644
n-Propanol	2.467	225.049

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1299197	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Oct20
Instrument:	US14173023 CN14160045	Injection date:	10/13/2020 7:11:28 PM
Data file:	C:\Chem32\1\Data\13Oct20\39.D	Analyst:	Abbott

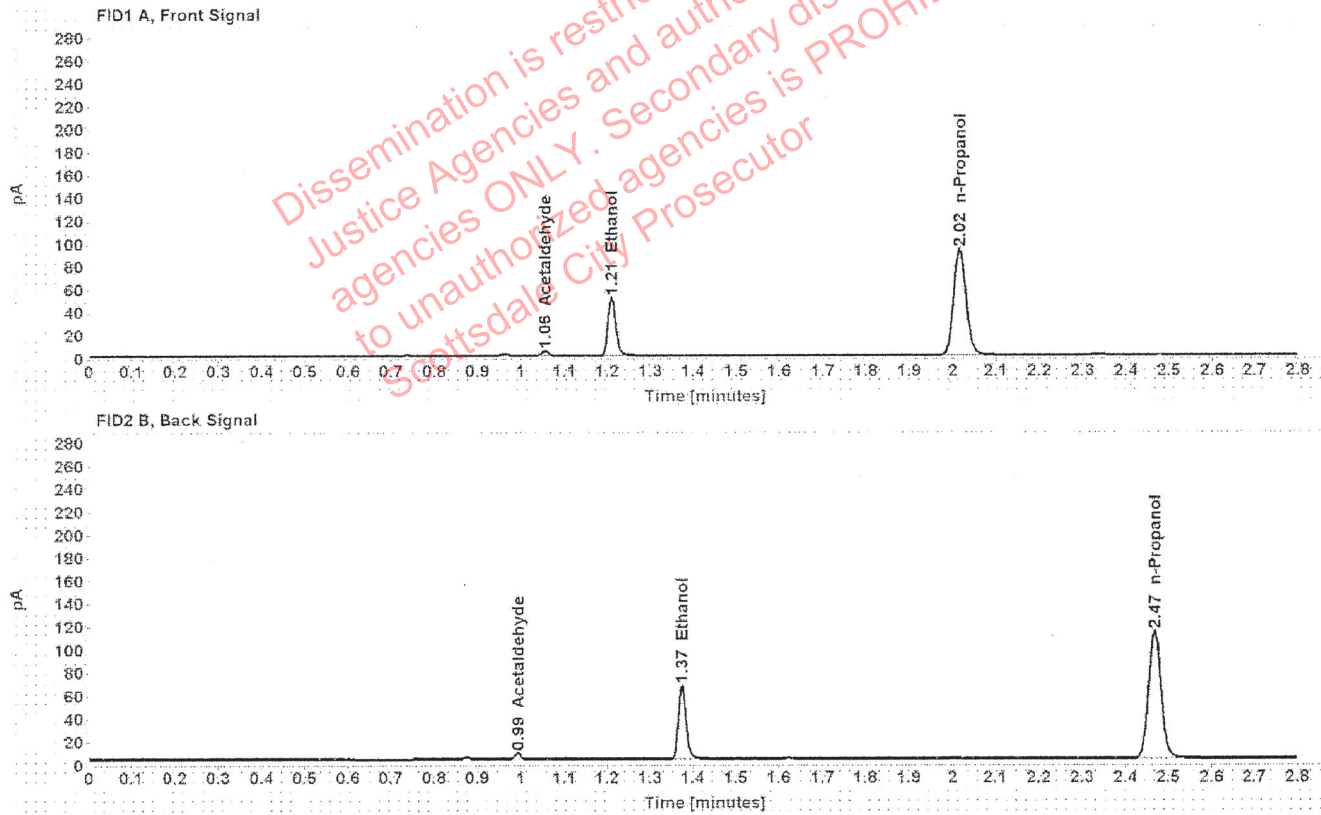


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	3.974
>Ethanol	0.1002	1.210	64.707
n-Propanol	-----	2.016	184.577

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5.243
Ethanol	1.374	80.069
n-Propanol	2.467	226.467

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1299197	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Oct20
Instrument:	US14173023 CN14160045	Injection date:	10/13/2020 7:07:28 PM
Data file:	C:\Chem32\1\Data\13Oct20\38.D	Analyst:	Abbott

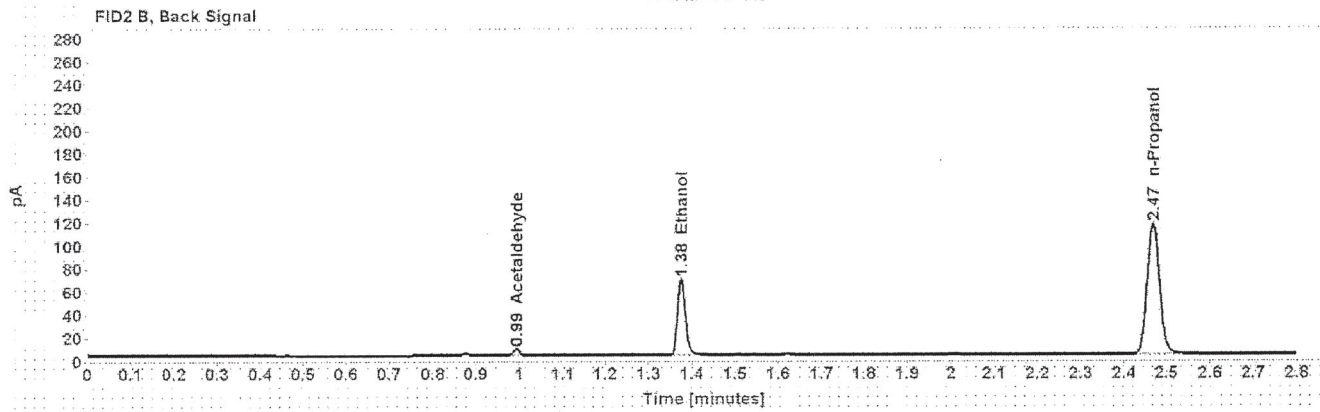
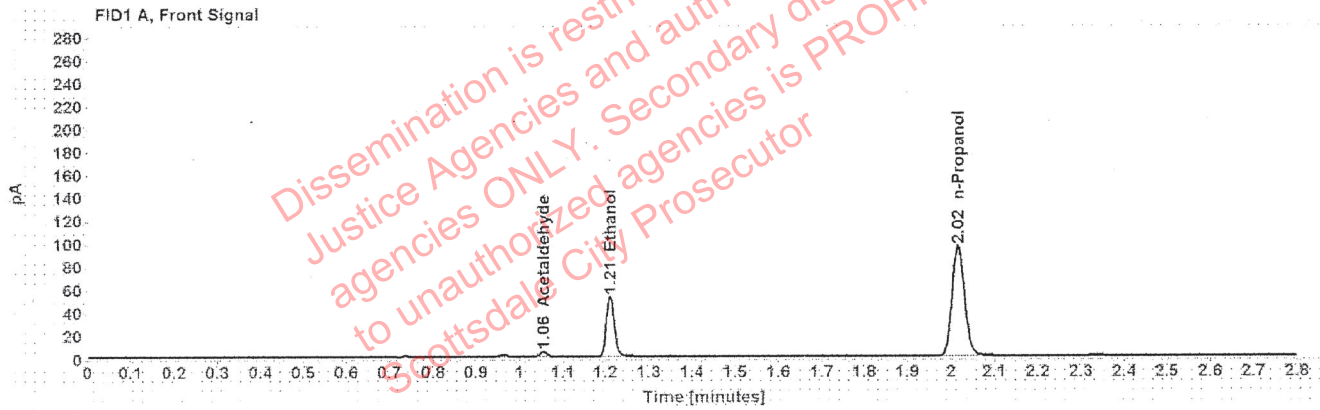


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	4.059
>Ethanol	0.1005	1.211	66.807
n-Propanol	-----	2.016	190.033

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5.325
Ethanol	1.375	82.914
n-Propanol	2.468	233.222

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1341294	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Oct20
Instrument:	US14173023 CN14160045	Injection date:	10/13/2020 7:15:28 PM
Data file:	C:\Chem32\1\Data\13Oct20\40.D	Analyst:	Abbott

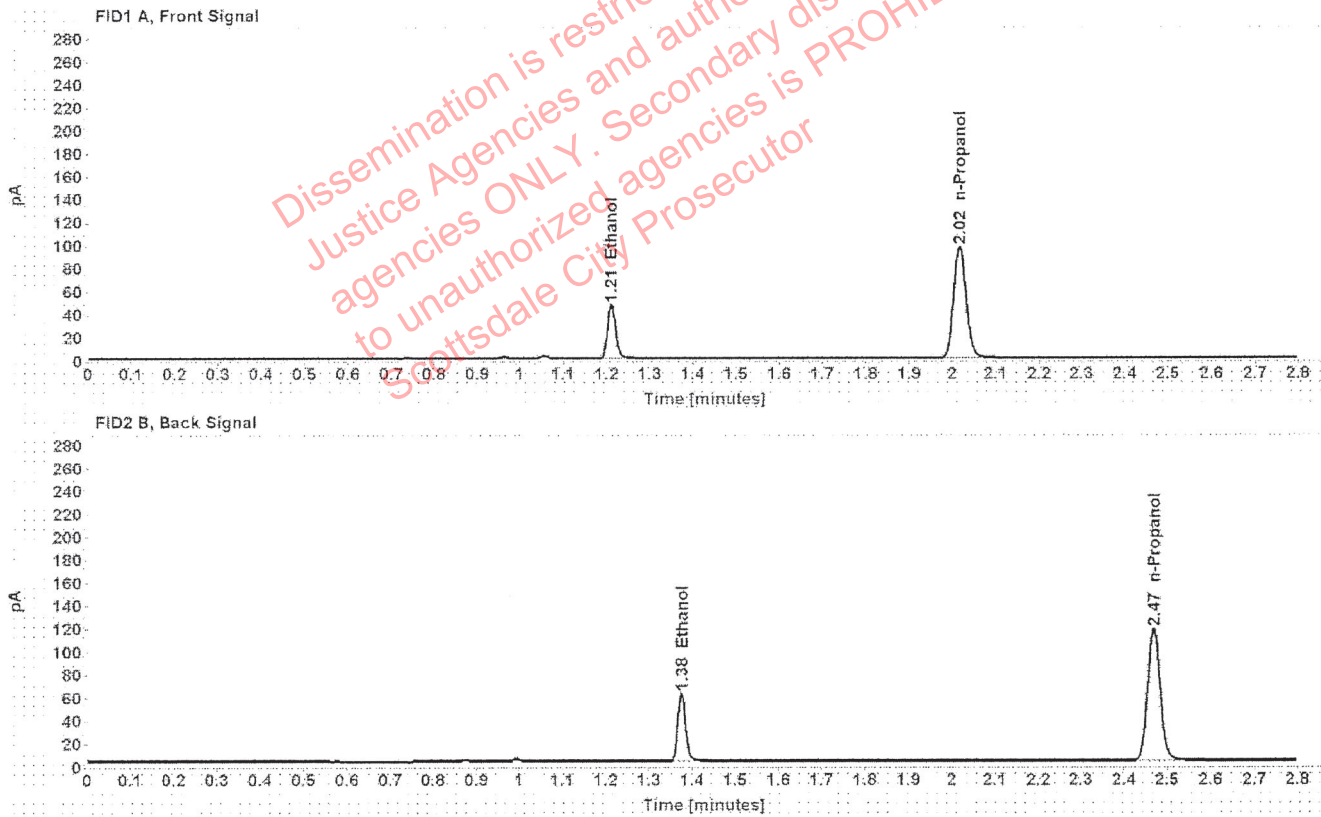


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0891	1.211	59.879
n-Propanol	-----	2.016	192.577

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

Compound	Time (min)	Peak Area
Ethanol	1.376	74.094
n-Propanol	2.468	235.119

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1341294	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Oct20
Instrument:	US14173023 CN14160045	Injection date:	10/13/2020 7:19:28 PM
Data file:	C:\Chem32\1\Data\13Oct20\41.D	Analyst:	Abbott

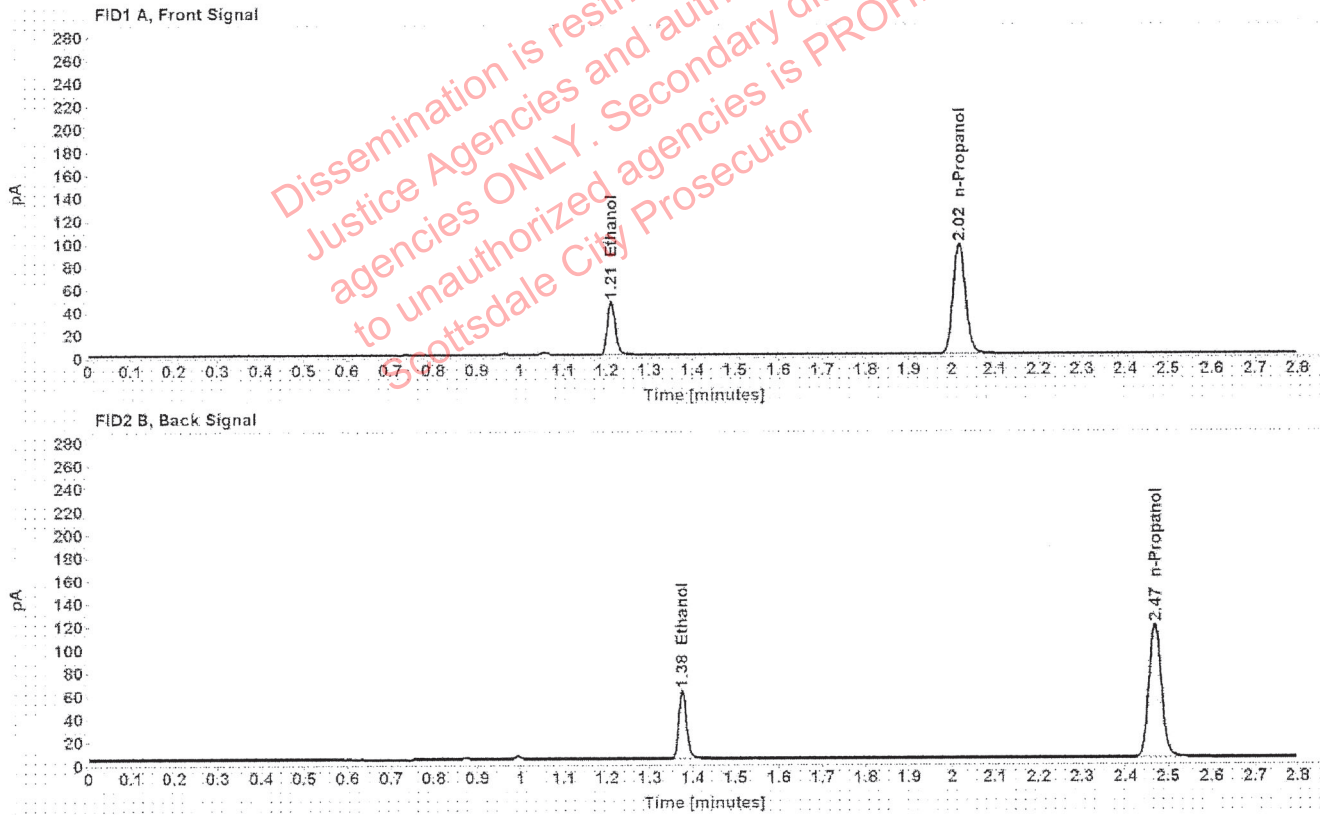


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0886	1.211	59.685
n-Propanol	-----	2.016	192.911

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

Compound	Time (min)	Peak Area
Ethanol	1.375	73.913
n-Propanol	2.468	236.106