

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 03/16/2021 SEQUENCE NAME 16Mar21

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 112420AQ
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 070819MIX
7	Aqueous control	0.400 g/dL	0.402 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	0.079 g/dL	Lipomed 03102016-A/1
31	Aqueous control	0.080 g/dL	0.079 g/dL	Lipomed 03102016-A/1
34	Aqueous control	0.400 g/dL	0.403 g/dL	Lipomed 11092018-A
35	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 14082019-B
36	Blood control	0.198 g/dL	0.199 g/dL	ACQ 407041529/13
37	Blank	Not detected	Not detected	SPD lab 111020WB

SUBJECT SAMPLES

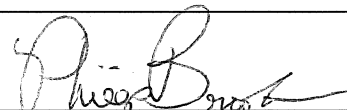
Subjects in the sequence 10 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected. This run includes the verification of a new control lot.

Run valid
 Run invalid


 Analyst

Run valid
 Run invalid


 Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

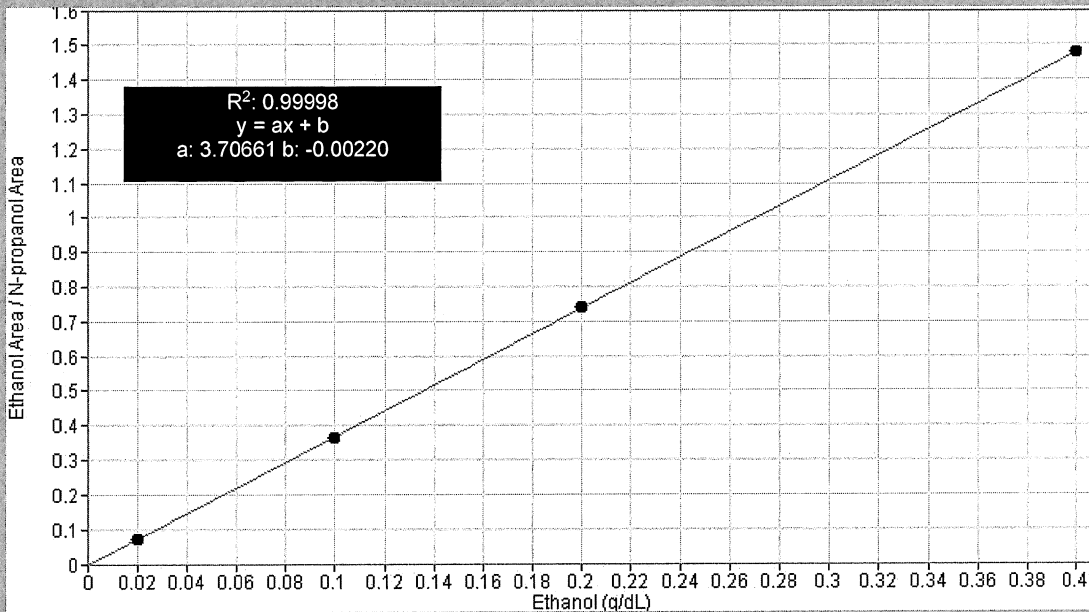
SEQUENCE NAME: 16Mar21

ANALYST: Abbott *AK*

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 112420AQ	5	negative	negative	-	-
0.400 11092018-A	7	0.402	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	0.079	0.080	1.25	-0.001
0.080 03102016-A/1	31	0.079	0.080	1.25	-0.001
0.400 11092018-A	34	0.403	0.400	0.75	0.003
0.040 14082019-B	35	0.040	0.040	0.00	0.000
0.198 407041529/13	36	0.199	0.198	0.51	0.001
blank 111020WB	37	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.667	162.970	0.072
0.100	59.916	163.440	0.367
0.200	123.012	165.656	0.743
0.400	240.291	162.446	1.479

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN06141806	Vial: 1
Description: 0.020 calibrator	Sequence: 16Mar21
Method: ethanol quant.M	Injection date: 3/16/2021 1:30:46 PM
Instrument: US14173023 CN14160045	Analyst: Abbott
Data file: C:\Chem32\1\Data\16Mar21\1.D	

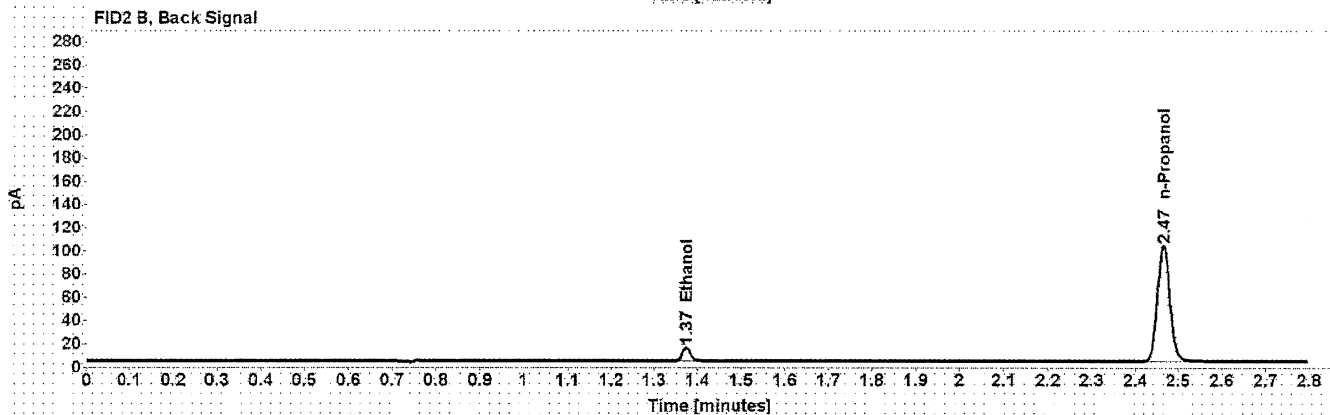
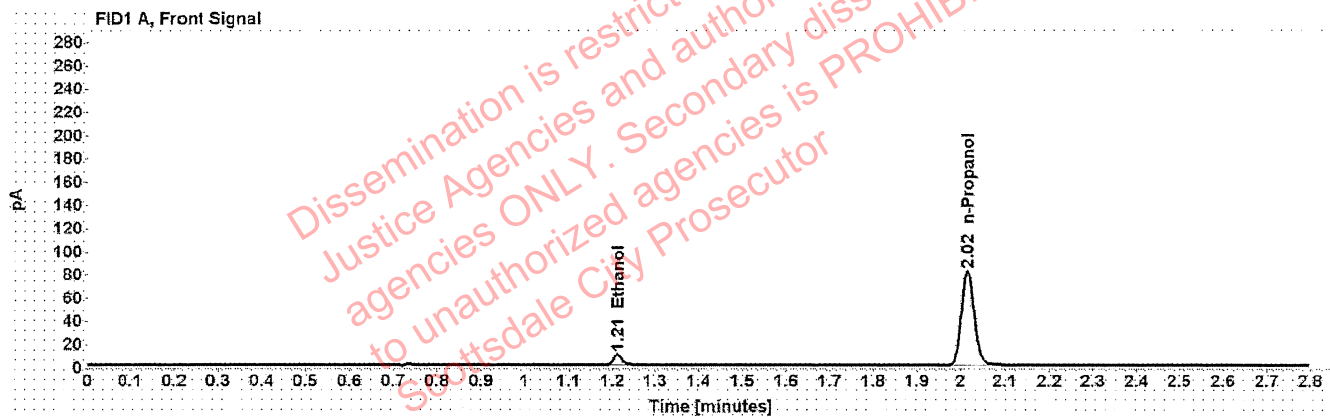


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.212	11.667
n-Propanol	2.015	162.970

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

Compound	Time (min)	Peak Area
Ethanol	1.374	14.539
n-Propanol	2.465	201.714

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN05311902	Vial:	2
Description:	0.100 calibrator	Sequence:	16Mar21
Method:	ethanol quant.M	Injection date:	3/16/2021 1:34:46 PM
Instrument:	US14173023 CN14160045	Analyst:	Abbott <i>DA</i>
Data file:	C:\Chem32\1\Data\16Mar21\2.D		

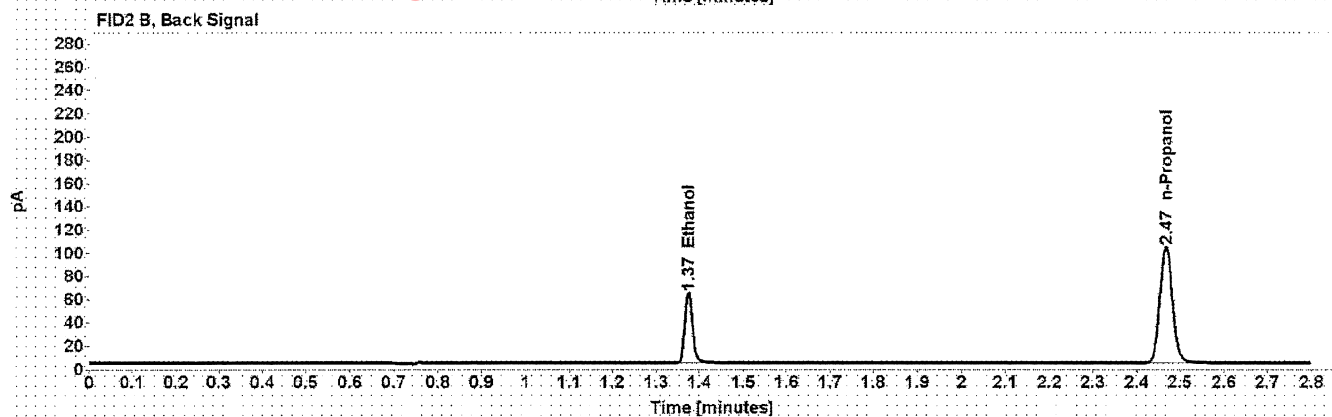
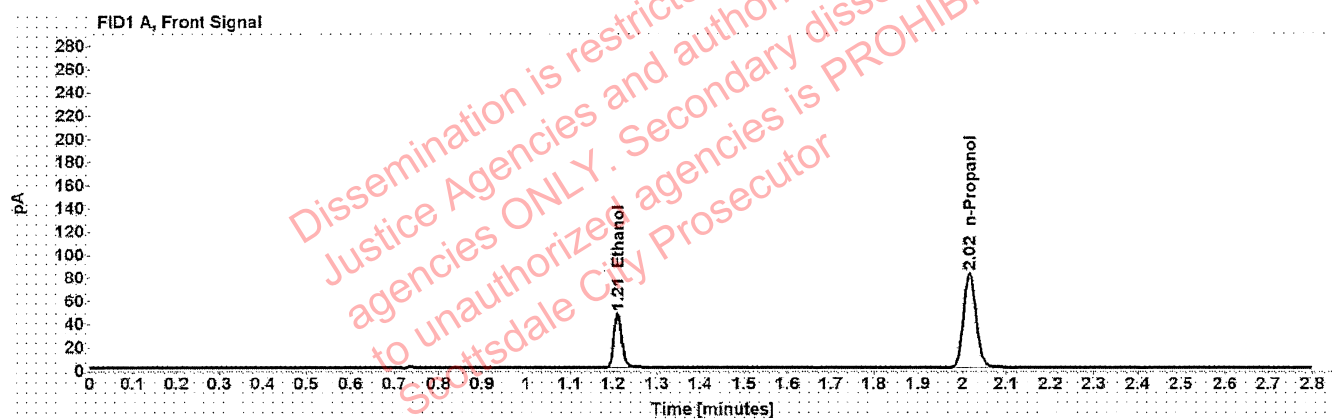


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.211	59.916
n-Propanol	2.016	163.440

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

Compound	Time (min)	Peak Area
Ethanol	1.375	74.829
n-Propanol	2.467	202.534

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN05101903	Vial: 3
Description: 0.200 calibrator	Sequence: 16Mar21
Method: ethanol quant.M	Injection date: 3/16/2021 1:38:47 PM
Instrument: US14173023 CN14160045	Analyst: Abbott <i>PA</i>
Data file: C:\Chem32\1\Data\16Mar21\3.D	

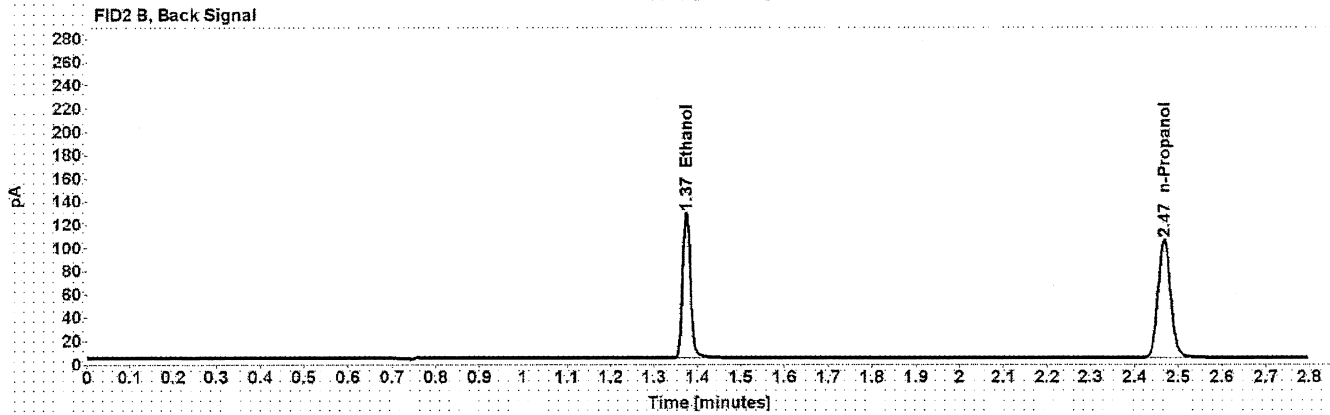
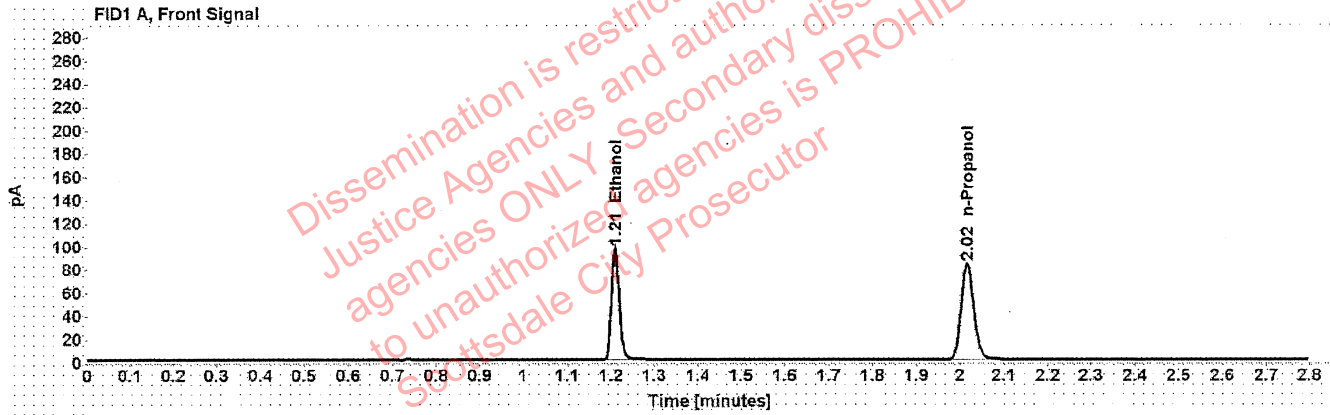


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.210	123.012
n-Propanol	2.016	165.656

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

Compound	Time (min)	Peak Area
Ethanol	1.374	153.954
n-Propanol	2.467	205.393

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN10051906	Vial: 4
Description: 0.400 calibrator	Sequence: 16Mar21
Method: ethanol quant.M	Injection date: 3/16/2021 1:42:45 PM
Instrument: US14173023 CN14160045	Analyst: Abbott
Data file: C:\Chem32\1\Data\16Mar21\4.D	

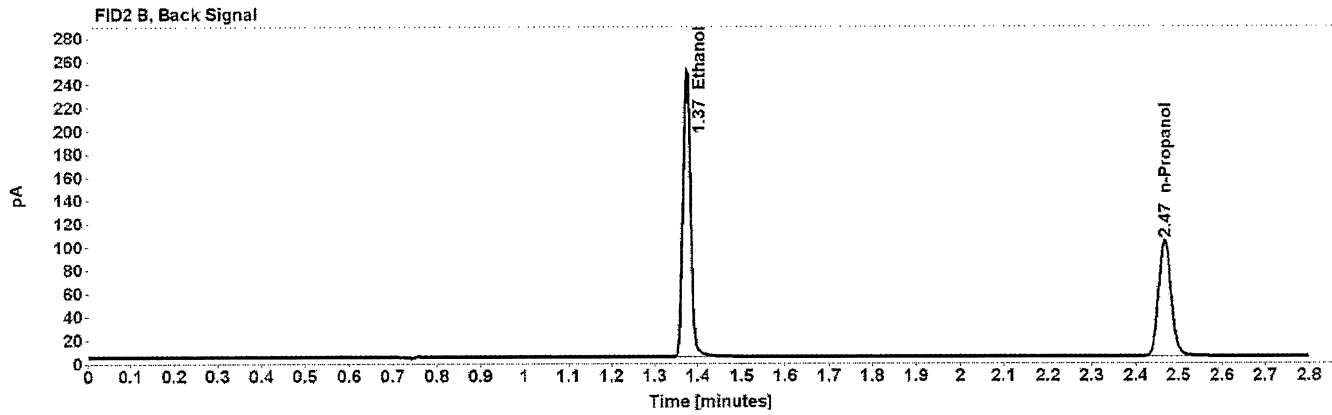
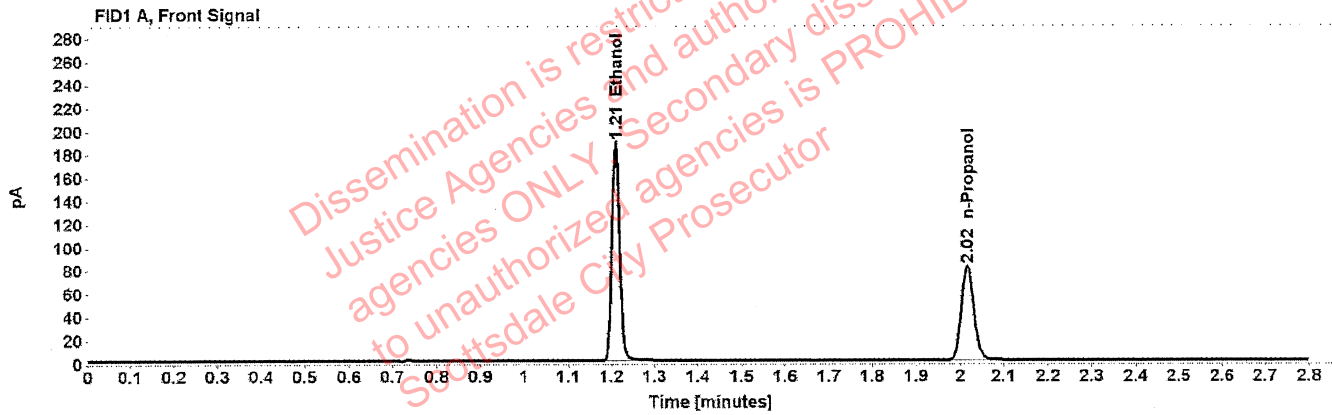


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	240.291
n-Propanol	2.016	162.446

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

Compound	Time (min)	Peak Area
Ethanol	1.374	301.783
n-Propanol	2.467	201.623

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 112420AQ	Vial: 5
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 16Mar21
Instrument: US14173023 CN14160045	Injection date: 3/16/2021 1:46:46 PM
Data file: C:\Chem32\1\Data\16Mar21\5.D	Analyst: Abbott <i>AB</i>

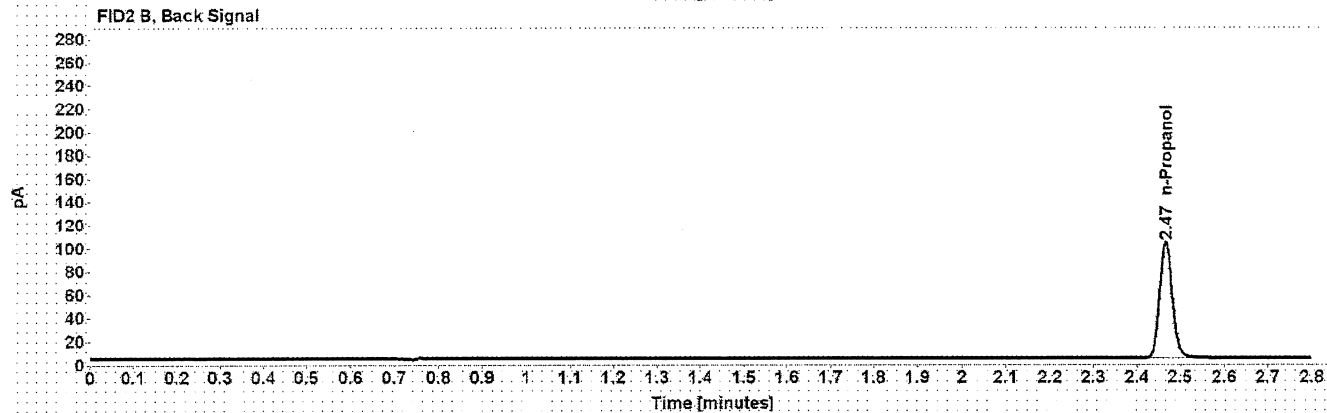


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	163.276

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

Compound	Time (min)	Peak Area
n-Propanol	2.467	201.966

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	070819MIX	Vial:	6
Description:	Volatiles mix	LIMS ID:	
Method:	ethanol quant.M	Sequence:	16Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/16/2021 1:50:47 PM
Data file:	C:\Chem32\1\Data\16Mar21\6.D	Analyst:	Abbott <i>RA</i>

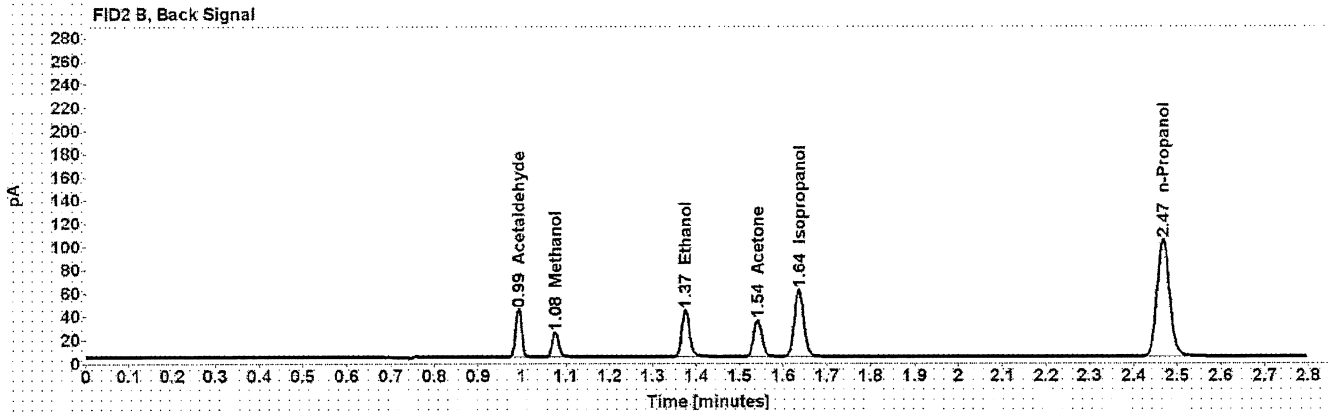
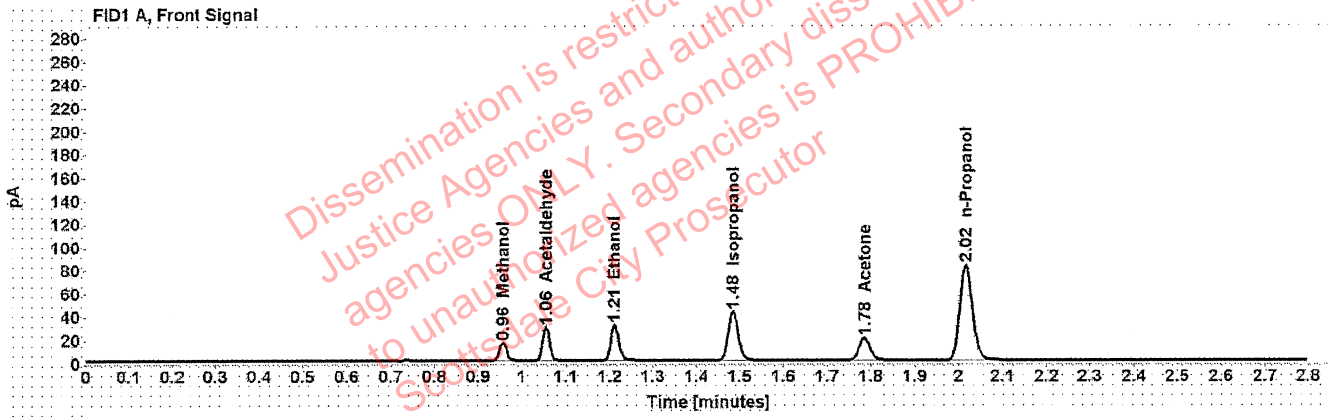


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.957	17.539
Acetaldehyde	-----	1.055	30.875
>Ethanol	0.0658	1.211	39.765
Isopropanol	-----	1.484	67.381
Acetone	-----	1.785	33.305
n-Propanol	-----	2.016	164.555

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	40.288
Methanol	1.076	22.479
Ethanol	1.375	49.614
Acetone	1.541	41.279
Isopropanol	1.636	86.472
n-Propanol	2.467	203.831

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 16Mar21
Instrument: US14173023 CN14160045	Injection date: 3/16/2021 1:55:02 PM
Data file: C:\Chem32\1\Data\16Mar21\7.D	Analyst: Abbott <i>JA</i>

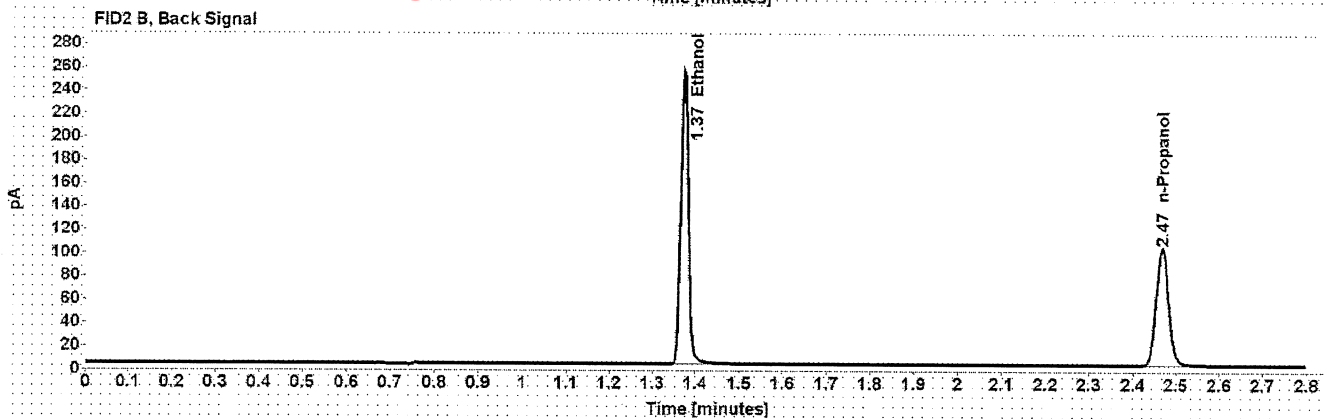
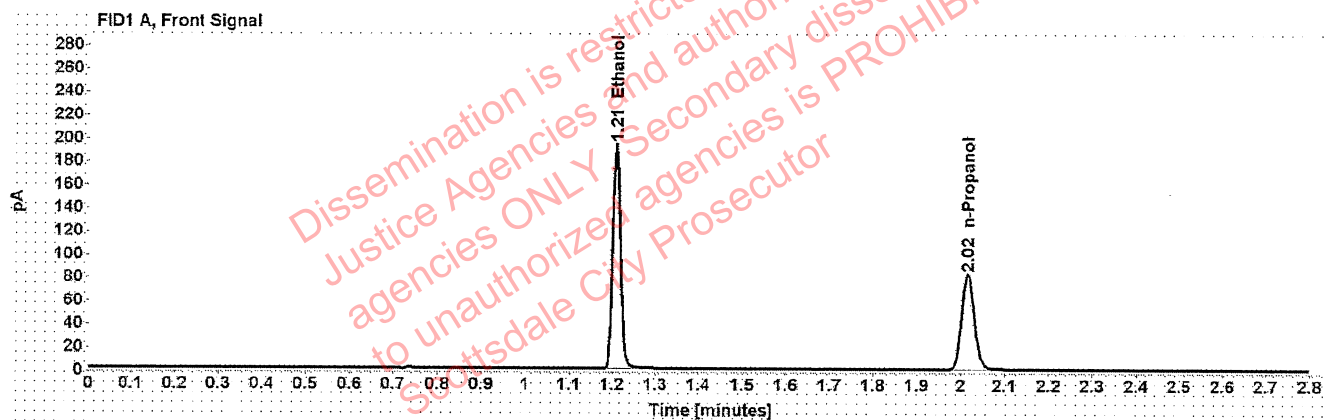


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4021	1.209	245.988
n-Propanol	-----	2.016	165.272

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

Compound	Time (min)	Peak Area
Ethanol	1.374	308.658
n-Propanol	2.467	205.131

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-B	Vial:	8
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	16Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/16/2021 1:59:01 PM
Data file:	C:\Chem32\1\Data\16Mar21\8.D	Analyst:	Abbott <i>Abbott</i>

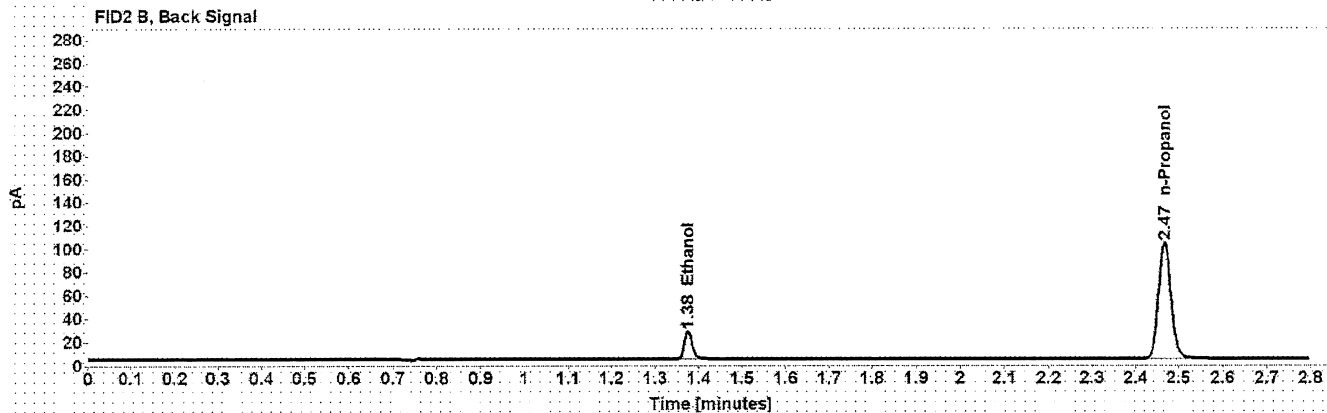
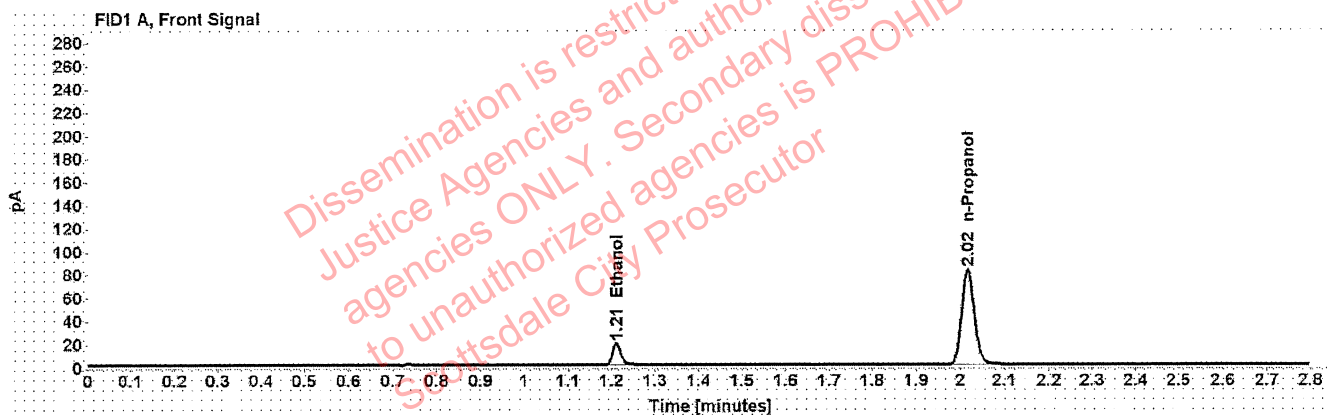


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0401	1.212	24.007
n-Propanol	-----	2.016	164.065

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

Compound	Time (min)	Peak Area
Ethanol	1.375	29.773
n-Propanol	2.467	202.828

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 407041529/13	Vial: 9
Description: 0.198	LIMS ID:
Method: ethanol quant.M	Sequence: 16Mar21
Instrument: US14173023 CN14160045	Injection date: 3/16/2021 2:03:01 PM
Data file: C:\Chem32\1\Data\16Mar21\9.D	Analyst: Abbott <i>AB</i>

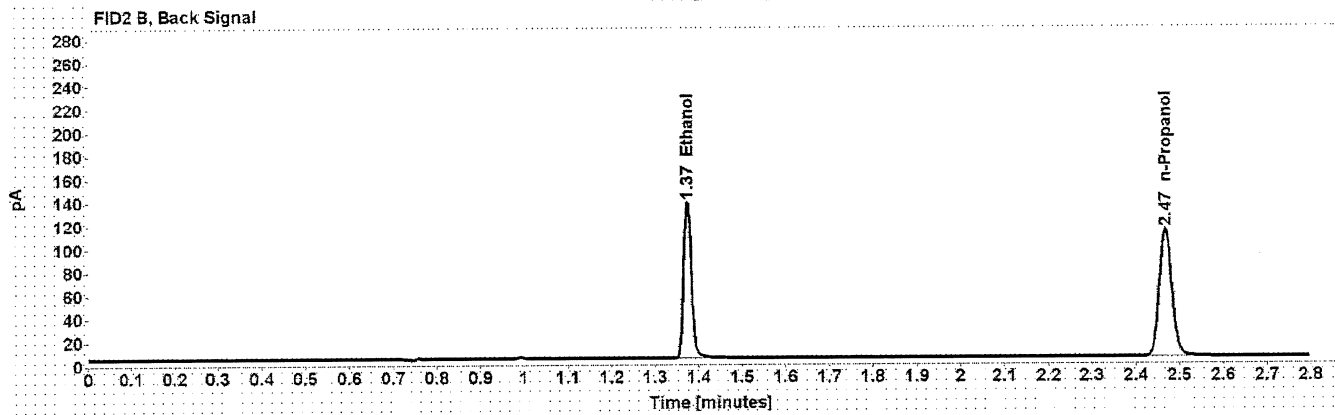
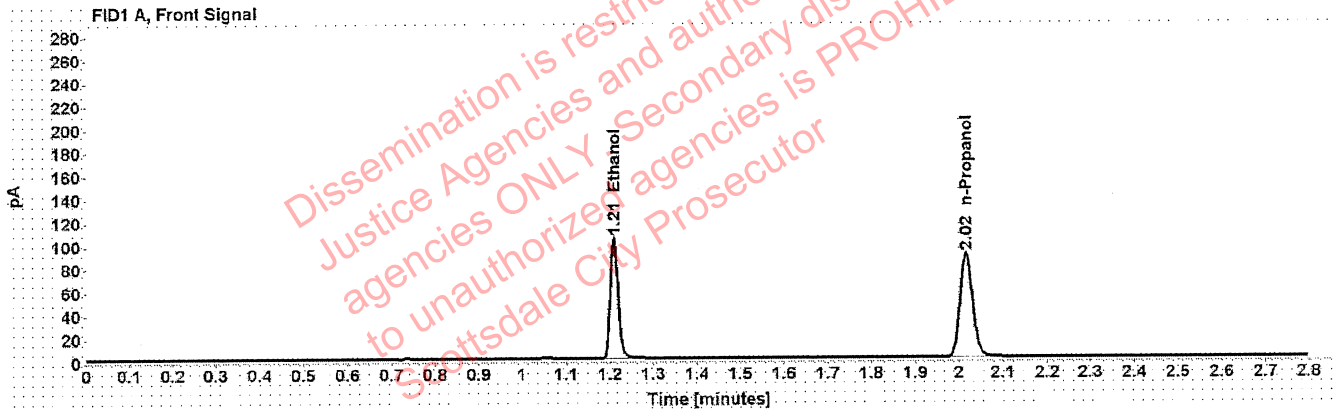


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2004	1.210	132.445
n-Propanol	-----	2.016	178.804

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

Compound	Time (min)	Peak Area
Ethanol	1.374	165.845
n-Propanol	2.467	221.387

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 03102016-A/1	Vial: 20
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 16Mar21
Instrument: US14173023 CN14160045	Injection date: 3/16/2021 2:47:31 PM
Data file: C:\Chem32\1\Data\16Mar21\20.D	Analyst: Abbott AA

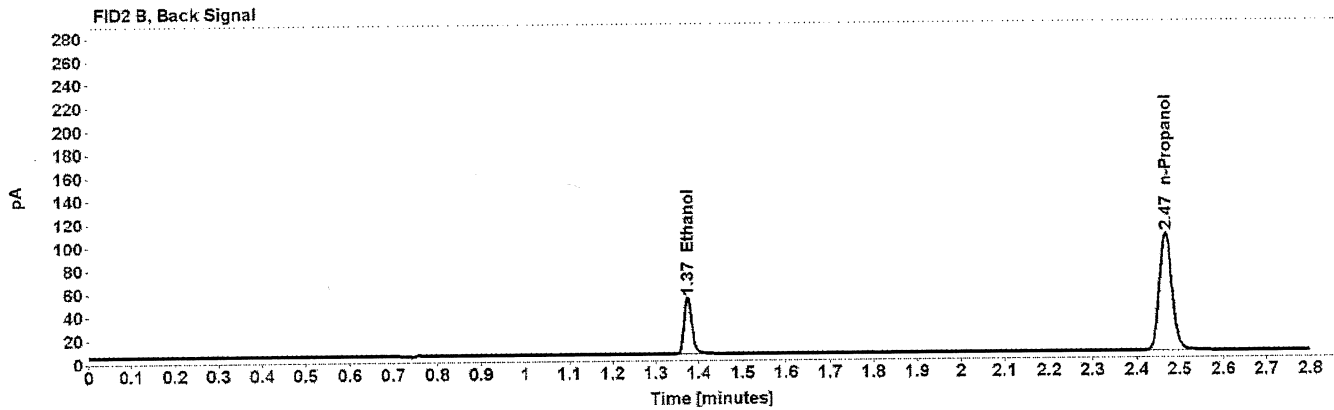
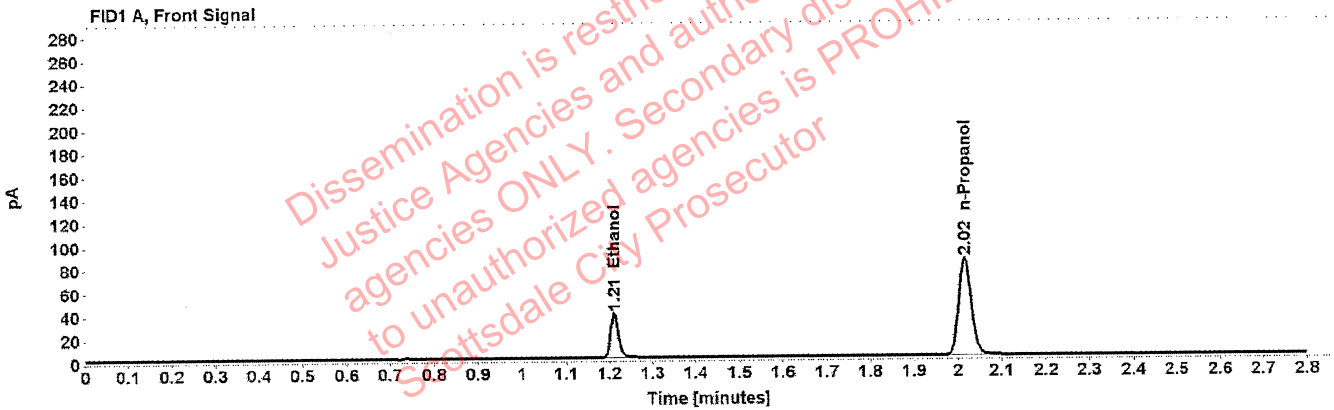


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0795	1.211	48.825
n-Propanol	-----	2.016	166.996

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

Compound	Time (min)	Peak Area
Ethanol	1.374	60.743
n-Propanol	2.467	206.085

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 03102016-A/1	Vial: 31
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 16Mar21
Instrument: US14173023 CN14160045	Injection date: 3/16/2021 3:32:01 PM
Data file: C:\Chem32\1\Data\16Mar21\31.D	Analyst: Abbott <i>di</i>

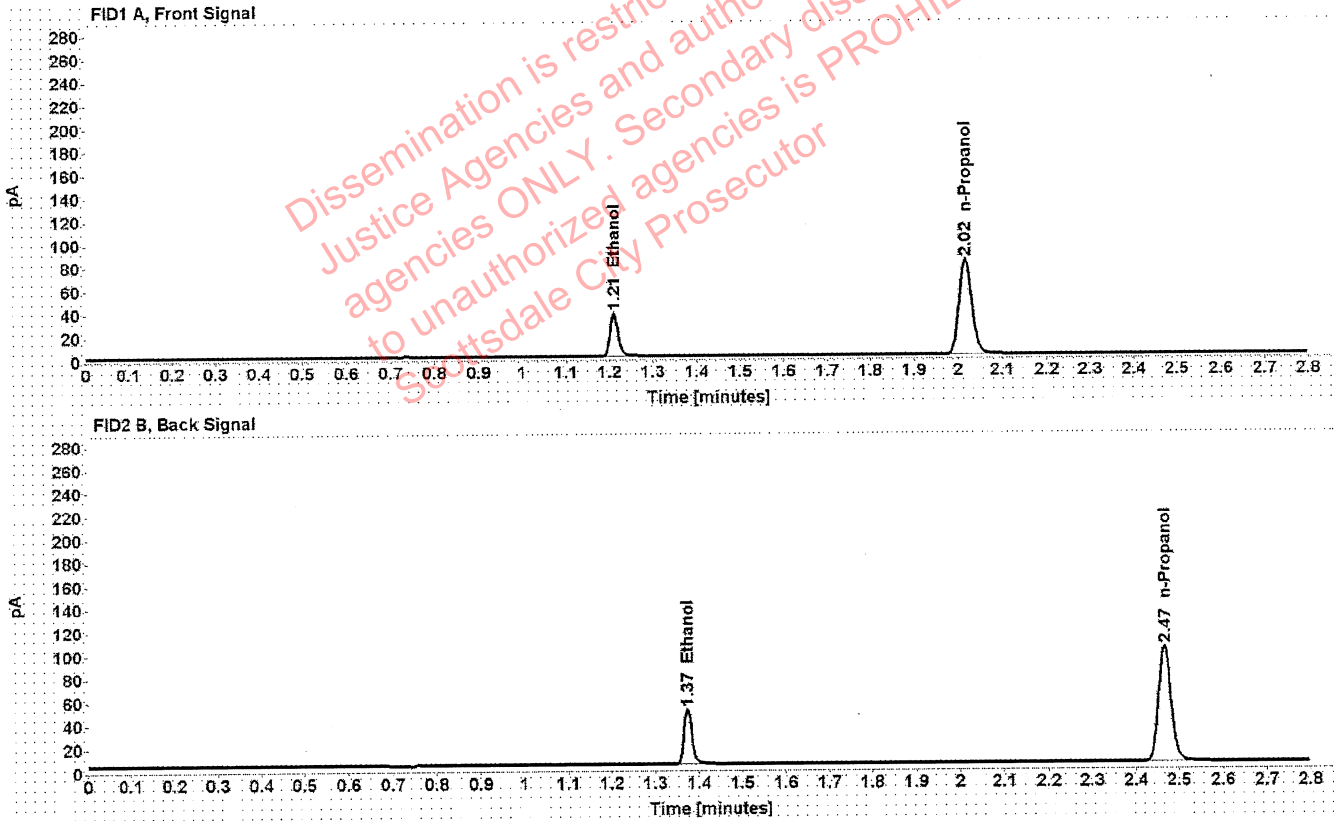


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0793	1.210	47.733
n-Propanol	-----	2.016	163.675

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

Compound	Time (min)	Peak Area
Ethanol	1.373	59.279
n-Propanol	2.466	201.405

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 34
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 16Mar21
Instrument: US14173023 CN14160045	Injection date: 3/16/2021 3:44:02 PM
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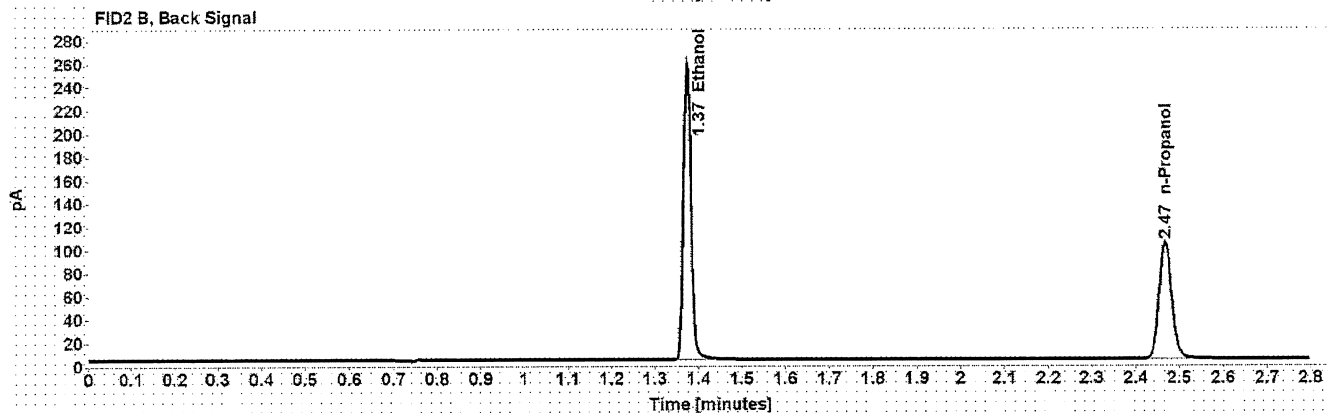
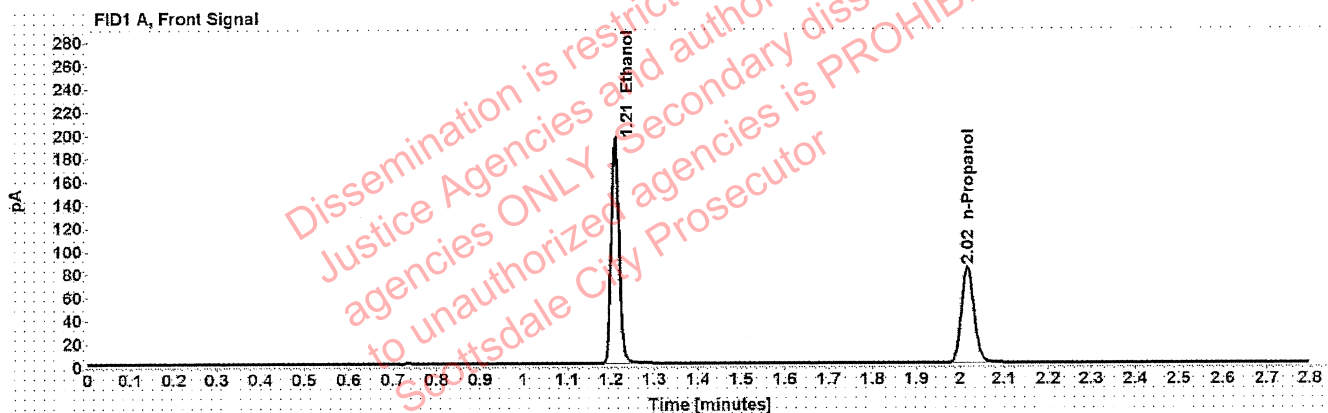


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4035	1.209	247.890
n-Propanol	-----	2.016	165.998

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

Compound	Time (min)	Peak Area
Ethanol	1.374	310.393
n-Propanol	2.467	205.138

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 35
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 16Mar21
Instrument: US14173023 CN14160045	Injection date: 3/16/2021 3:48:01 PM
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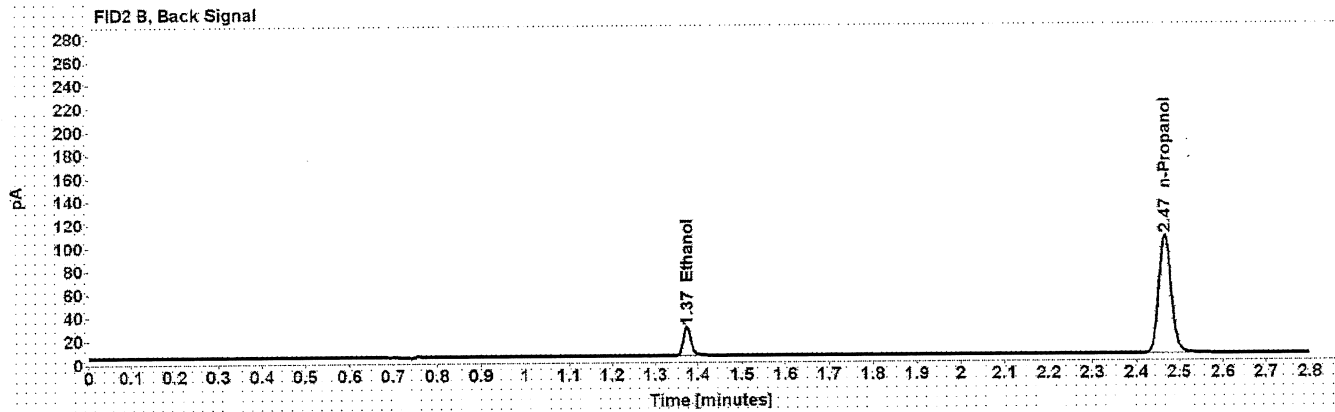
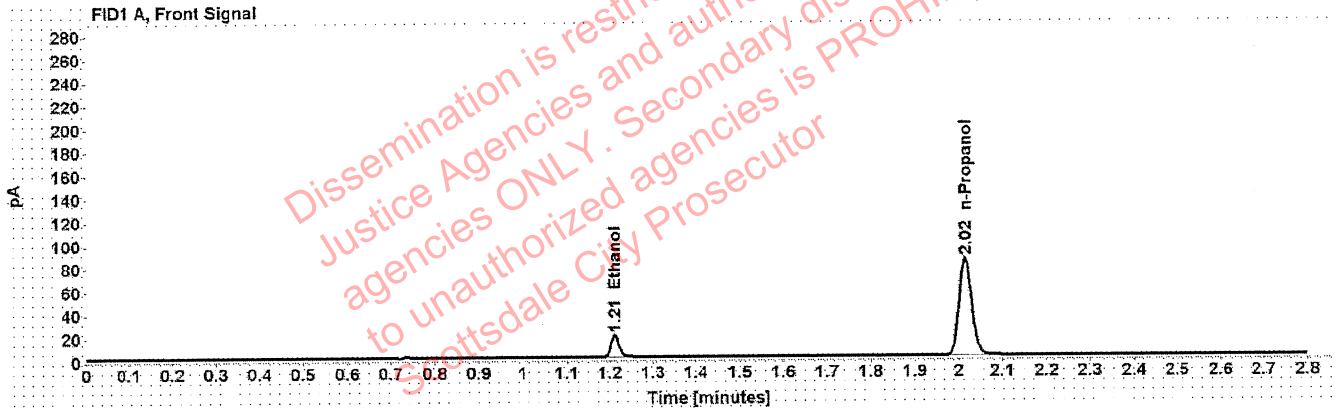


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0400	1.211	24.538
n-Propanol	-----	2.015	167.876

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

Compound	Time (min)	Peak Area
Ethanol	1.374	30.548
n-Propanol	2.466	206.722

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	407041529/13	Vial:	36
Description:	0.198	LIMS ID:	
Method:	ethanol quant.M	Sequence:	16Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/16/2021 3:52:02 PM
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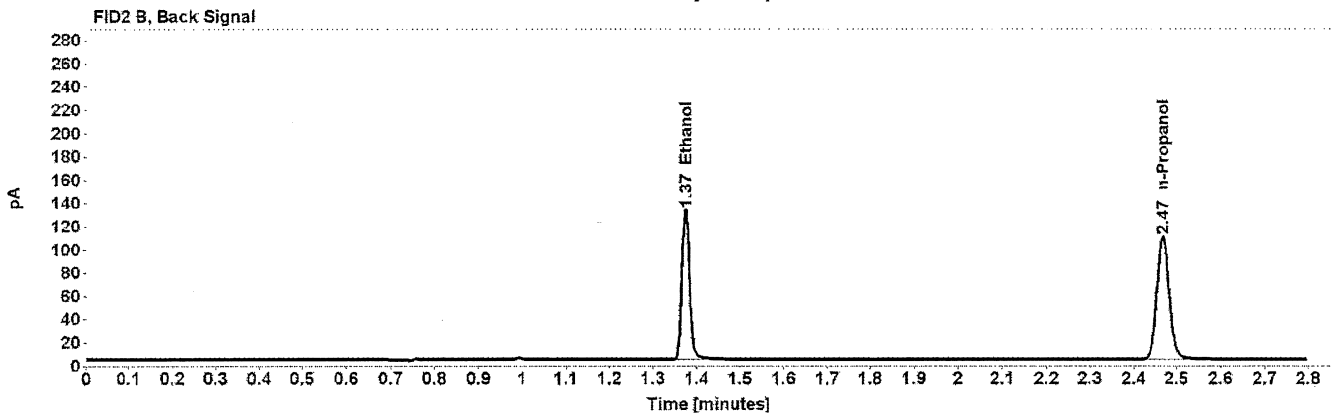
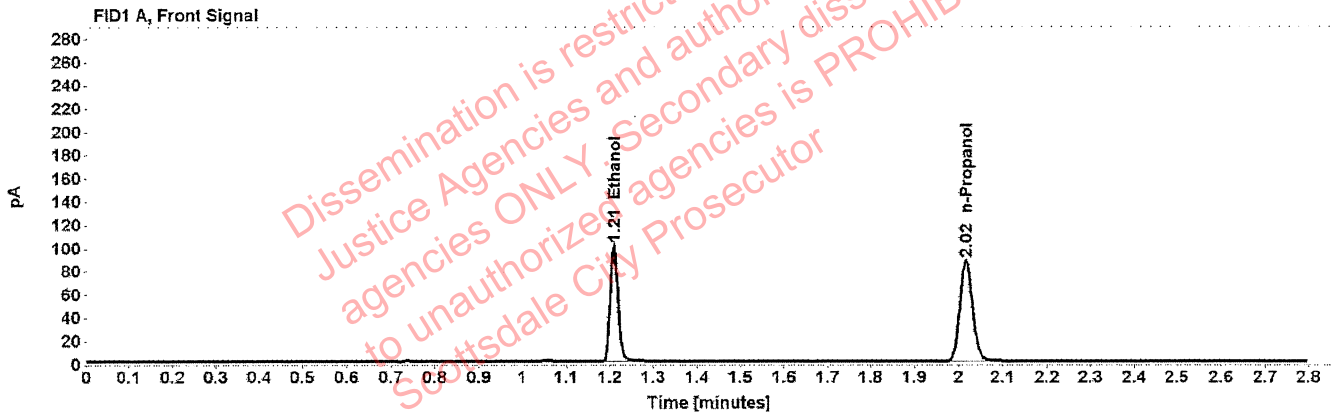


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1993	1.210	128.340
n-Propanol	-----	2.016	174.229

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

Compound	Time (min)	Peak Area
Ethanol	1.374	160.078
n-Propanol	2.467	215.185

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	111020WB	Vial:	37
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	16Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/16/2021 3:56:16 PM
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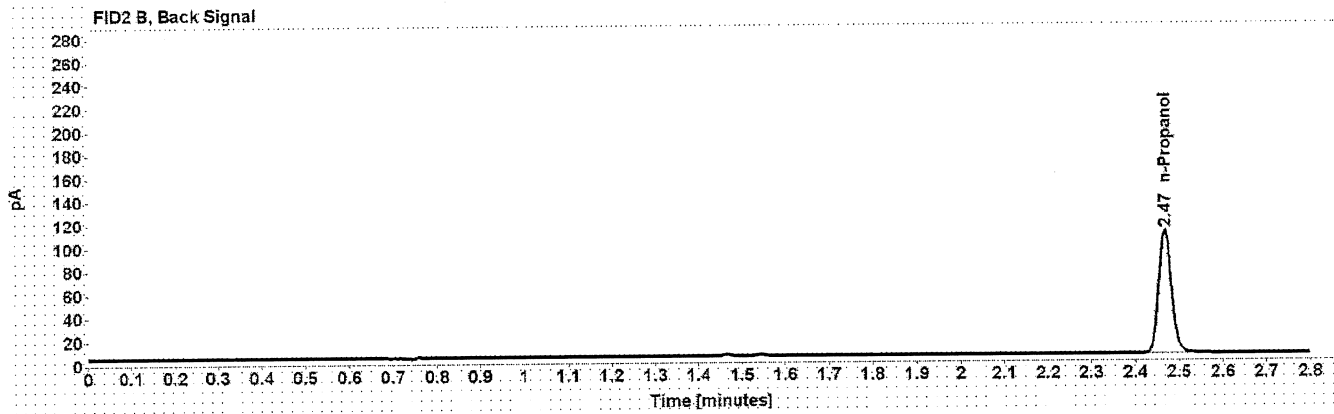
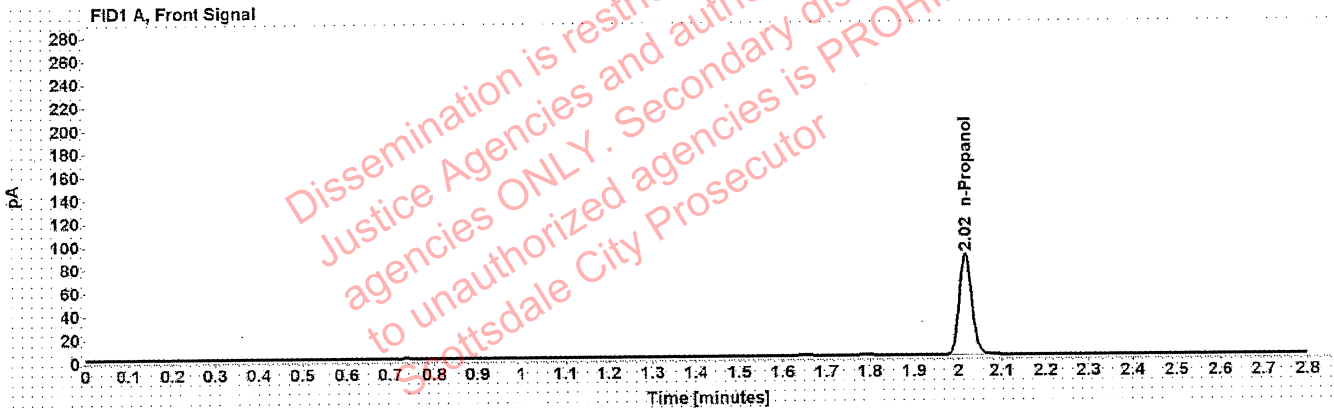


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	174.392

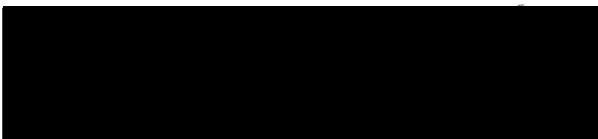
Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
n-Propanol	2.467	214.821

Sequence Summary

Sequence name: 16Mar21 Instrument: US14173023 CN14160045 Analyst: Abbott *[Signature]*

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	112420AQ	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	1325263		Sample		ethanol quant.M
11	1325263		Sample		ethanol quant.M
12	1359656		Sample		ethanol quant.M
13	1359656		Sample		ethanol quant.M
14	1362112		Sample		ethanol quant.M
15	1362112		Sample		ethanol quant.M
16	1329956		Sample		ethanol quant.M
17	1329956		Sample		ethanol quant.M
18	38601WE		Sample		ethanol quant.M
19	38601WE		Sample		ethanol quant.M
20	03102016-A/1	0.080	Control		ethanol quant.M
21	37101JP		Sample		ethanol quant.M
22	37101JP		Sample		ethanol quant.M
23	38401PK		Sample		ethanol quant.M
24	38401PK		Sample		ethanol quant.M
25	1298622		Sample		ethanol quant.M
26	1298622		Sample		ethanol quant.M
27	1335203		Sample		ethanol quant.M
28	1335203		Sample		ethanol quant.M
29	1364097		Sample		ethanol quant.M
30	1364097		Sample		ethanol quant.M
31	03102016-A/1	0.080	Control		ethanol quant.M
32	20012020-B		Sample		ethanol quant.M
33	20012020-B		Sample		ethanol quant.M
34	11092018-A	0.400	Control		ethanol quant.M
35	14082019-B	0.040	Control		ethanol quant.M
36	407041529/13	0.198	Control		ethanol quant.M
37	111020WB	Negative	Control		ethanol quant.M



Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 16Mar21


ANALYST: Abbott 

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.0000	0.0000	0.00000	0.00	0.00000
12 13	0.2731	0.2744	0.27375	0.24	0.00065
14 15	0.1838	0.1846	0.18420	0.22	0.00040
16 17	0.1930	0.1930	0.19300	0.00	0.00000
18 19	0.0246	0.0248	0.02470	0.40	0.00010
21 22	0.2577	0.2552	0.25645	0.49	0.00125
23 24	0.0083	0.0083	0.00830	0.00	0.00000
25 26	0.1189	0.1185	0.11870	0.17	0.00020
27 28	0.1511	0.1507	0.15090	0.13	0.00020
29 30	0.2435	0.2435	0.24350	0.00	0.00000
32 33	0.0793	0.0793	0.07930	0.00	0.00000

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

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

Scottsdale Forensic Lab Blood Alcohol Pipetting Log

ANALYST: Abbott 

SEQUENCE: 16Mar21

Instrument Position	Headspace Vial 1	Headspace Vial 2	Blood Tube	Barcode Match
Vials 10 and 11	1325263	1325263	1325263	Yes
Vials 12 and 13	1359656	1359656	1359656	Yes
Vials 14 and 15	1362112	1362112	1362112	Yes
Vials 16 and 17	1329956	1329956	1329956	Yes
Vials 18 and 19	38601WE	38601WE	38601WE	Yes
Vials 21 and 22	37101JP	37101JP	37101JP	Yes
Vials 23 and 24	38401PK	38401PK	38401PK	Yes
Vials 25 and 26	1298622	1298622	1298622	Yes
Vials 27 and 28	1335203	1335203	1335203	Yes
Vials 29 and 30	1364097	1364097	1364097	Yes

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1325263	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/16/2021 2:07:01 PM
Data file:	C:\Chem32\1\Data\16Mar21\10.D	Analyst:	Abbott

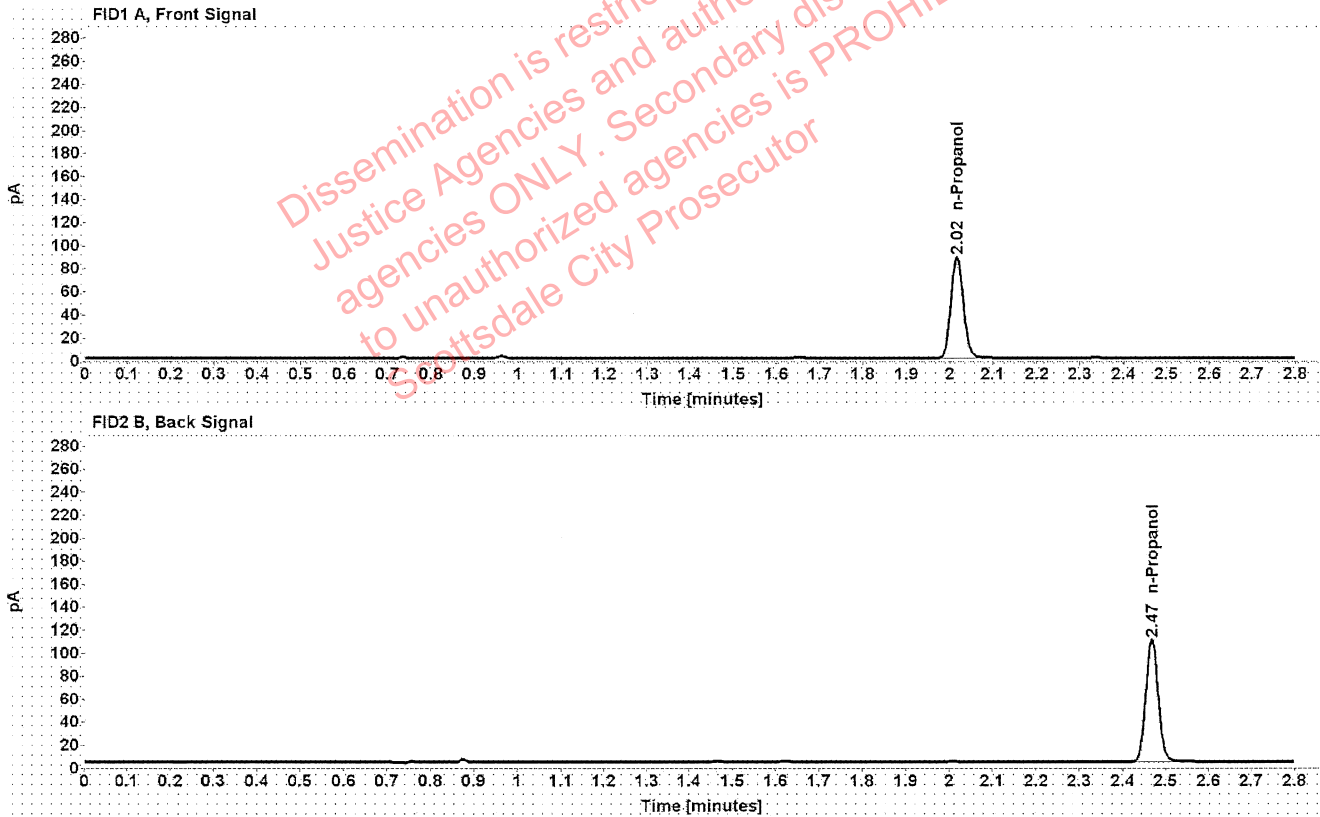


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	174.590

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

Compound	Time (min)	Peak Area
n-Propanol	2.468	216.498

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1325263	Vial:	11
Description:	[redacted]	LIMS ID:	[redacted]
Method:	ethanol quant.M	Sequence:	16Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/16/2021 2:11:01 PM
Data file:	C:\Chem32\1\Data\16Mar21\11.D	Analyst:	Abbott

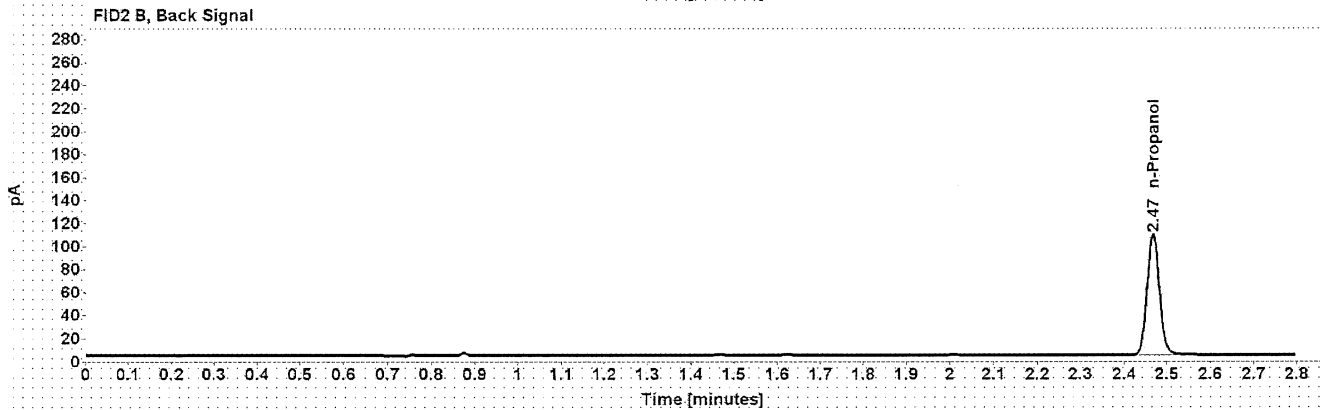
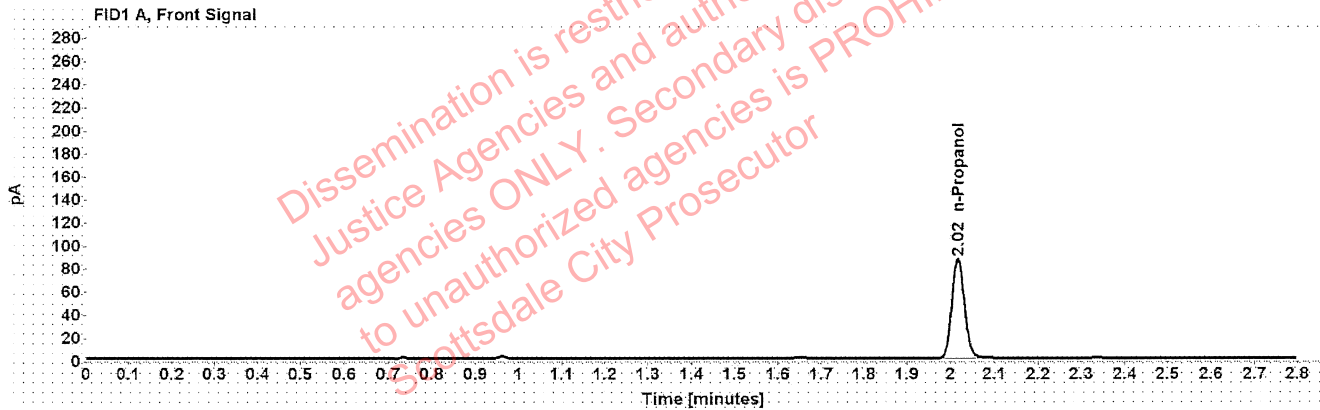


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	172.152

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

Compound	Time (min)	Peak Area
n-Propanol	2.467	213.249

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1359656	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/16/2021 2:15:01 PM
Data file:	C:\Chem32\1\Data\16Mar21\12.D	Analyst:	Abbott

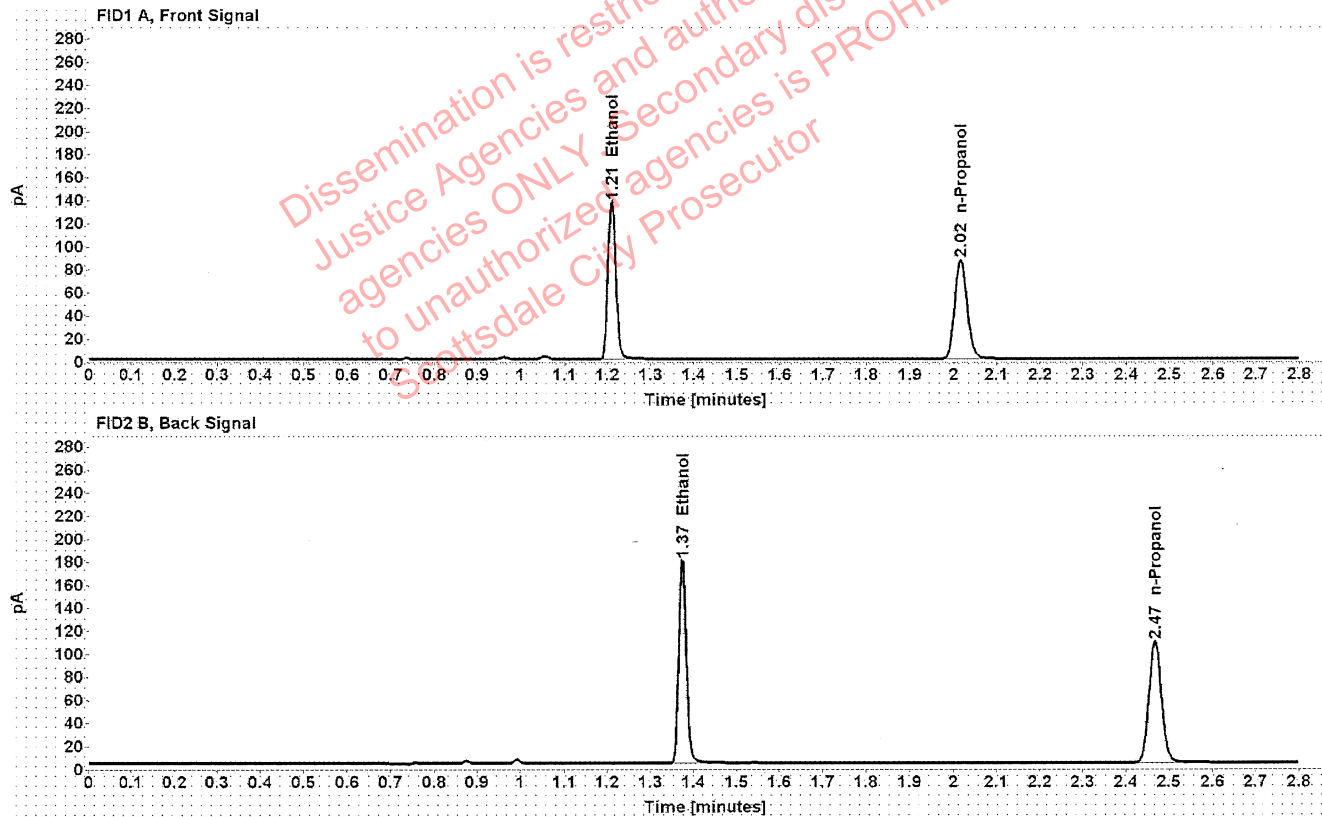


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2731	1.210	173.947
n-Propanol	-----	2.016	172.190

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

Compound	Time (min)	Peak Area
Ethanol	1.374	217.474
n-Propanol	2.468	212.839

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1359656	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/16/2021 2:19:16 PM
Data file:	C:\Chem32\1\Data\16Mar21\13.D	Analyst:	Abbott

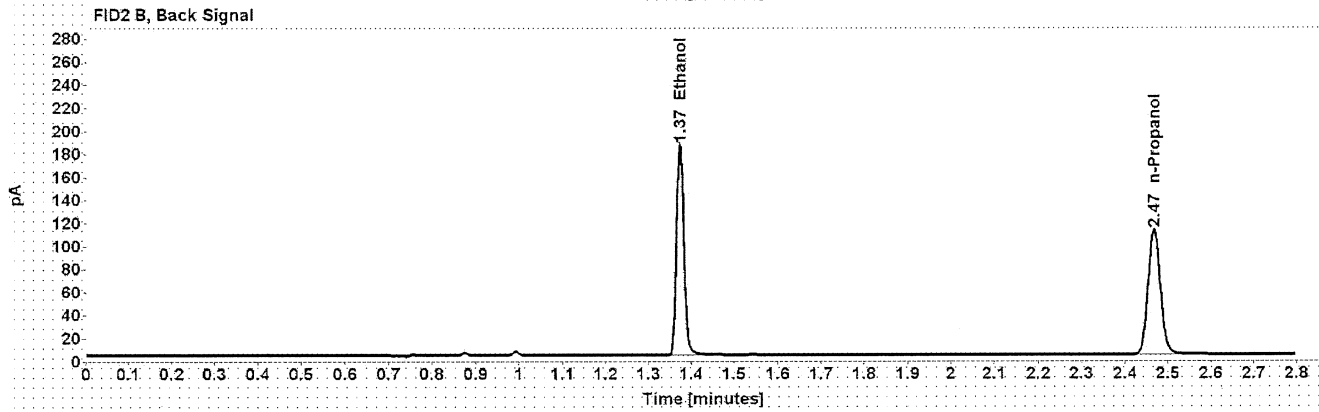
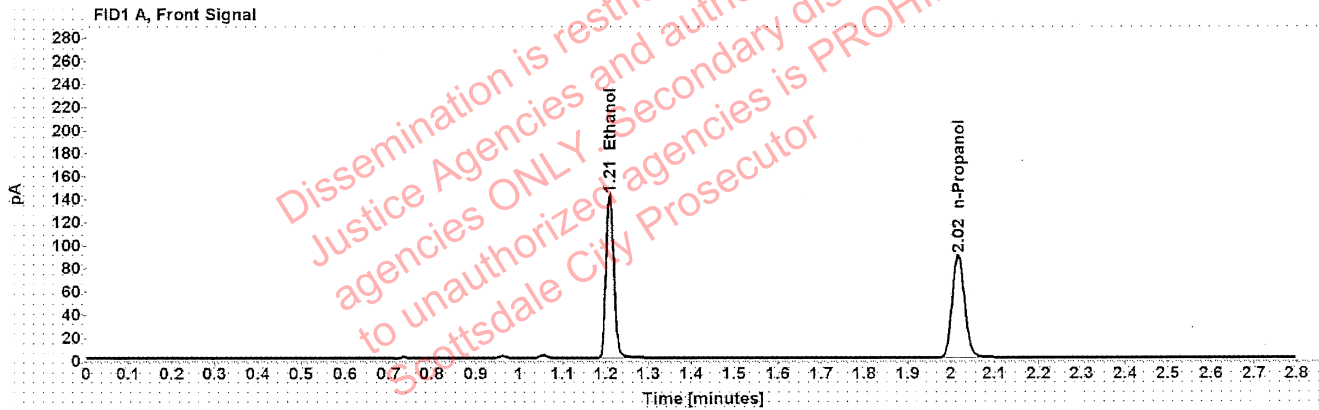


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2744	1.210	180.089
n-Propanol	-----	2.016	177.434

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

Compound	Time (min)	Peak Area
Ethanol	1.374	225.029
n-Propanol	2.467	219.261

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1362112 LA 03/17/21

Vial: 14

Description: [REDACTED]

LIMS ID: [REDACTED]

Method: ethanol quant.M

Sequence: 16Mar21

Instrument: US14173023 CN14160045

Injection date: 3/16/2021 2:23:16 PM

Data file: C:\Chem32\1\Data\16Mar21\14.D

Analyst: Abbott

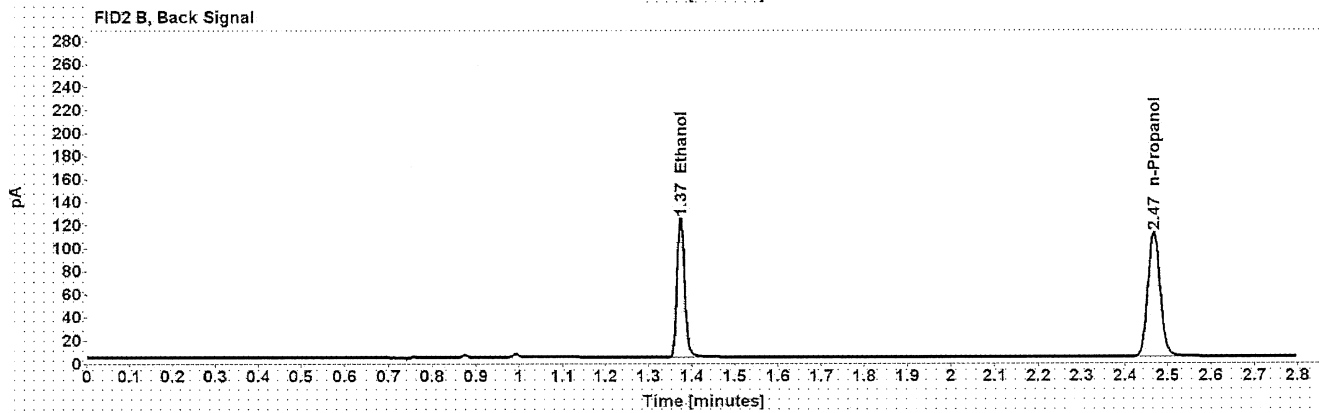
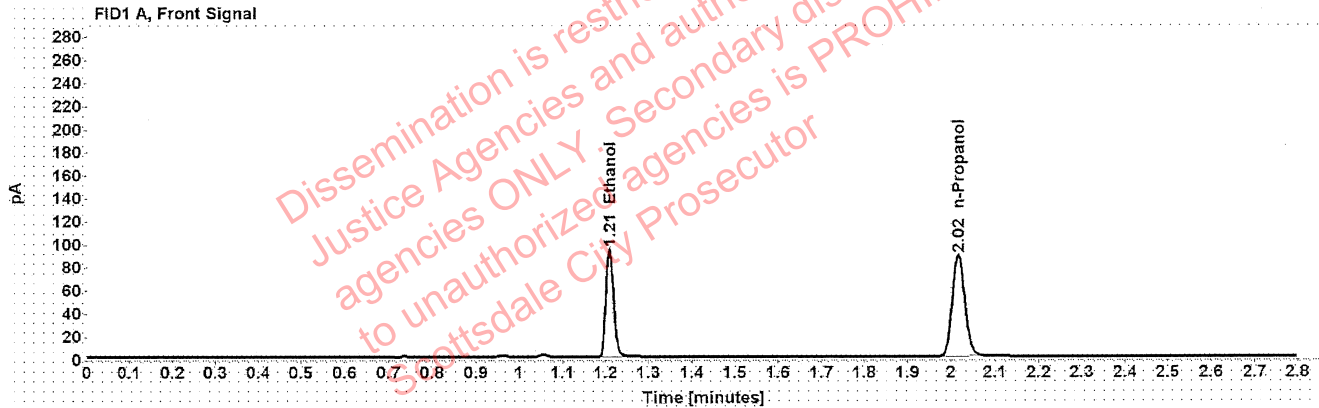


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1838	1.210	119.485
n-Propanol	-----	2.016	175.960

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

Compound	Time (min)	Peak Area
Ethanol	1.374	149.014
n-Propanol	2.467	217.393

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1362112 LA 03/17/21 Vial: 15
Description: [REDACTED] LIMS ID: [REDACTED]
Method: ethanol quant.M Sequence: 16Mar21
Instrument: US14173023 CN14160045 Injection date: 3/16/2021 2:27:16 PM
Data file: C:\Chem32\1\Data\16Mar21\15.D Analyst: Abbott

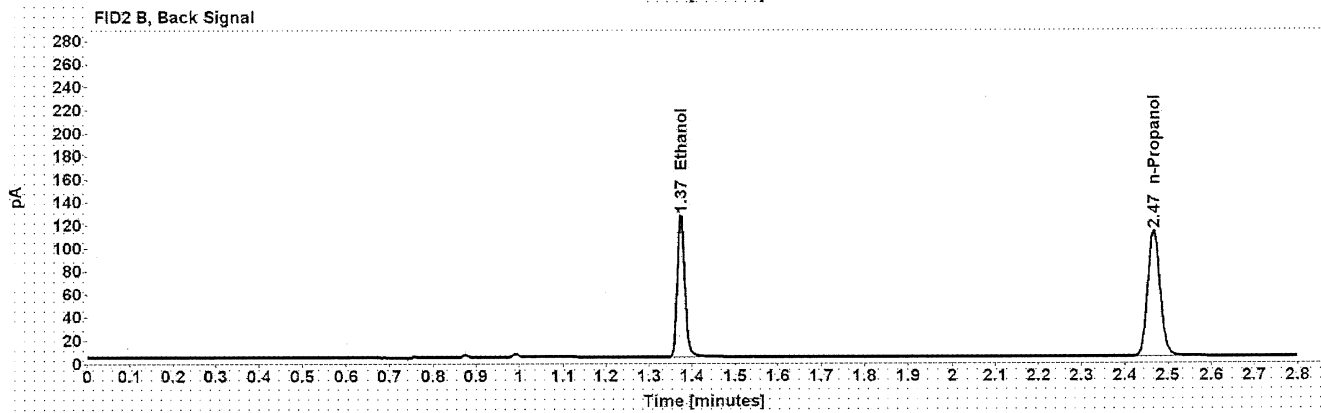
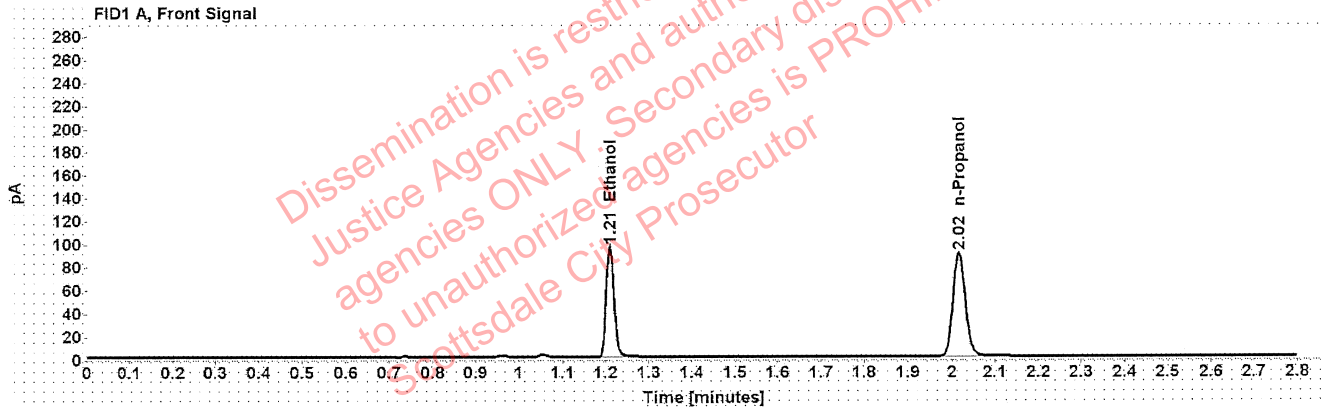


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1846	1.210	122.068
n-Propanol	-----	2.016	178.965

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

Compound	Time (min)	Peak Area
Ethanol	1.374	152.543
n-Propanol	2.467	220.719

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1329956	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/16/2021 2:31:17 PM
Data file:	C:\Chem32\1\Data\16Mar21\16.D	Analyst:	Abbott

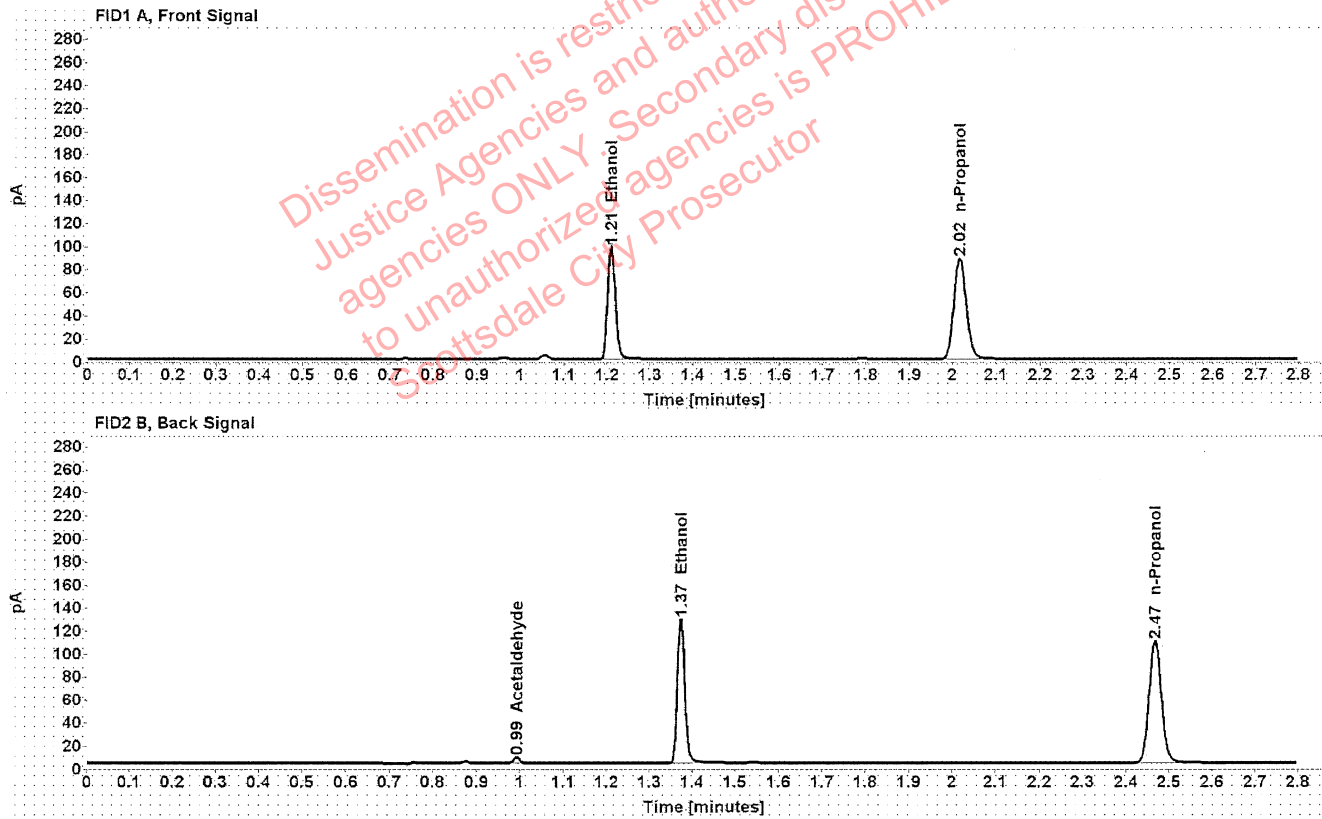


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1930	1.210	124.102
n-Propanol	-----	2.016	174.027

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.856
Ethanol	1.374	154.731
n-Propanol	2.468	215.229

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1329956	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/16/2021 2:35:17 PM
Data file:	C:\Chem32\1\Data\16Mar21\17.D	Analyst:	Abbott

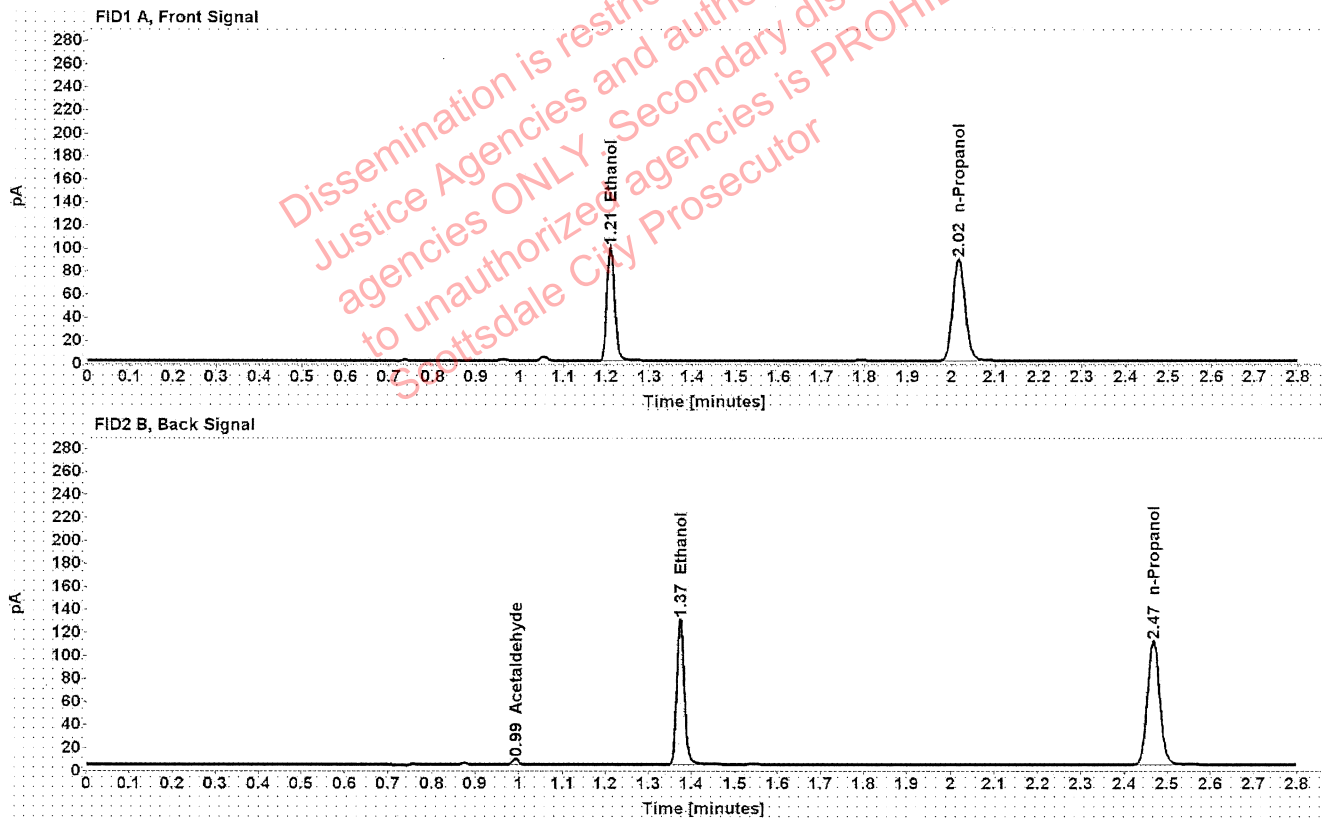


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1930	1.210	125.368
n-Propanol	-----	2.017	175.790

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.861
Ethanol	1.374	156.617
n-Propanol	2.468	217.374

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	38601WE	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/16/2021 2:39:17 PM
Data file:	C:\Chem32\1\Data\16Mar21\18.D	Analyst:	Abbott

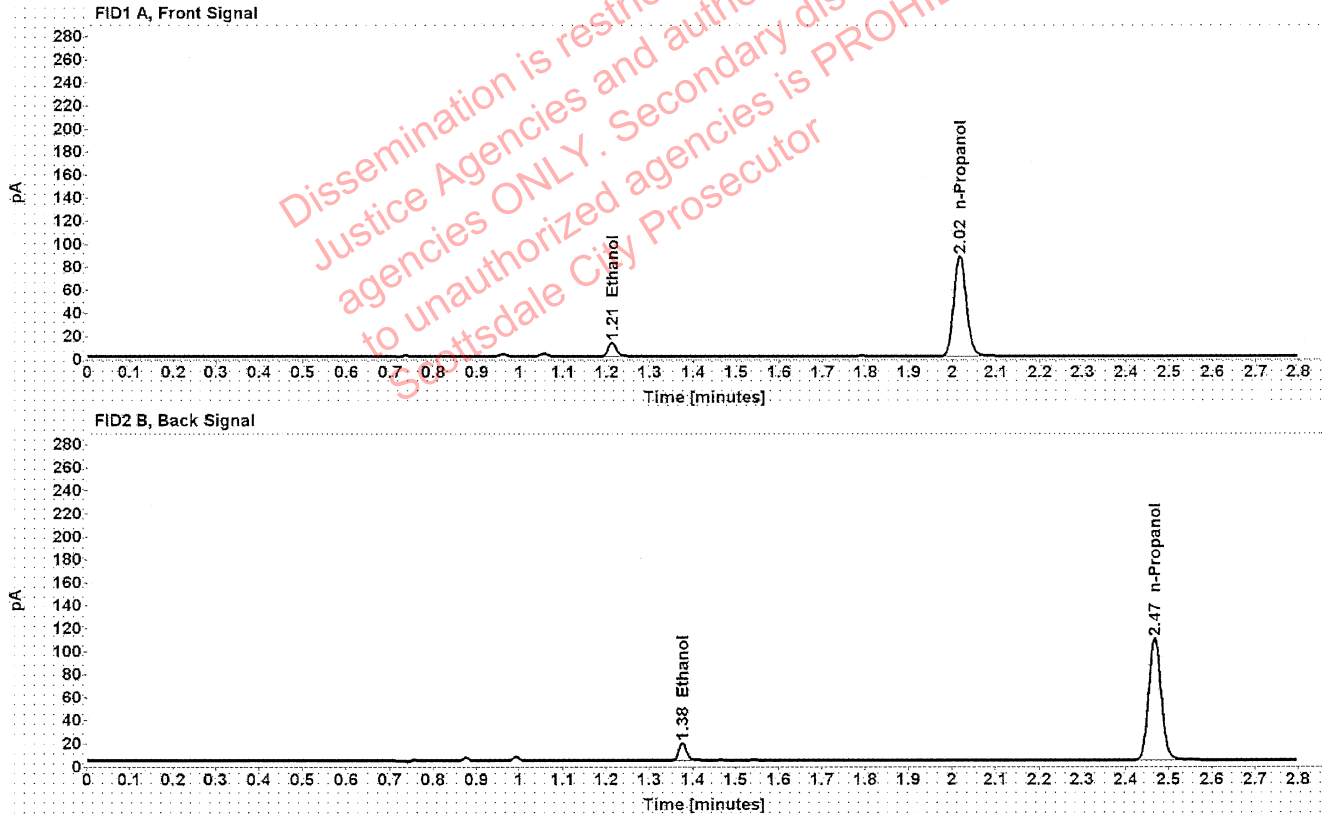


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0246	1.213	15.495
n-Propanol	-----	2.016	174.121

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

Compound	Time (min)	Peak Area
Ethanol	1.376	19.614
n-Propanol	2.468	215.106

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	38601WE	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/16/2021 2:43:31 PM
Data file:	C:\Chem32\1\Data\16Mar21\19.D	Analyst:	Abbott

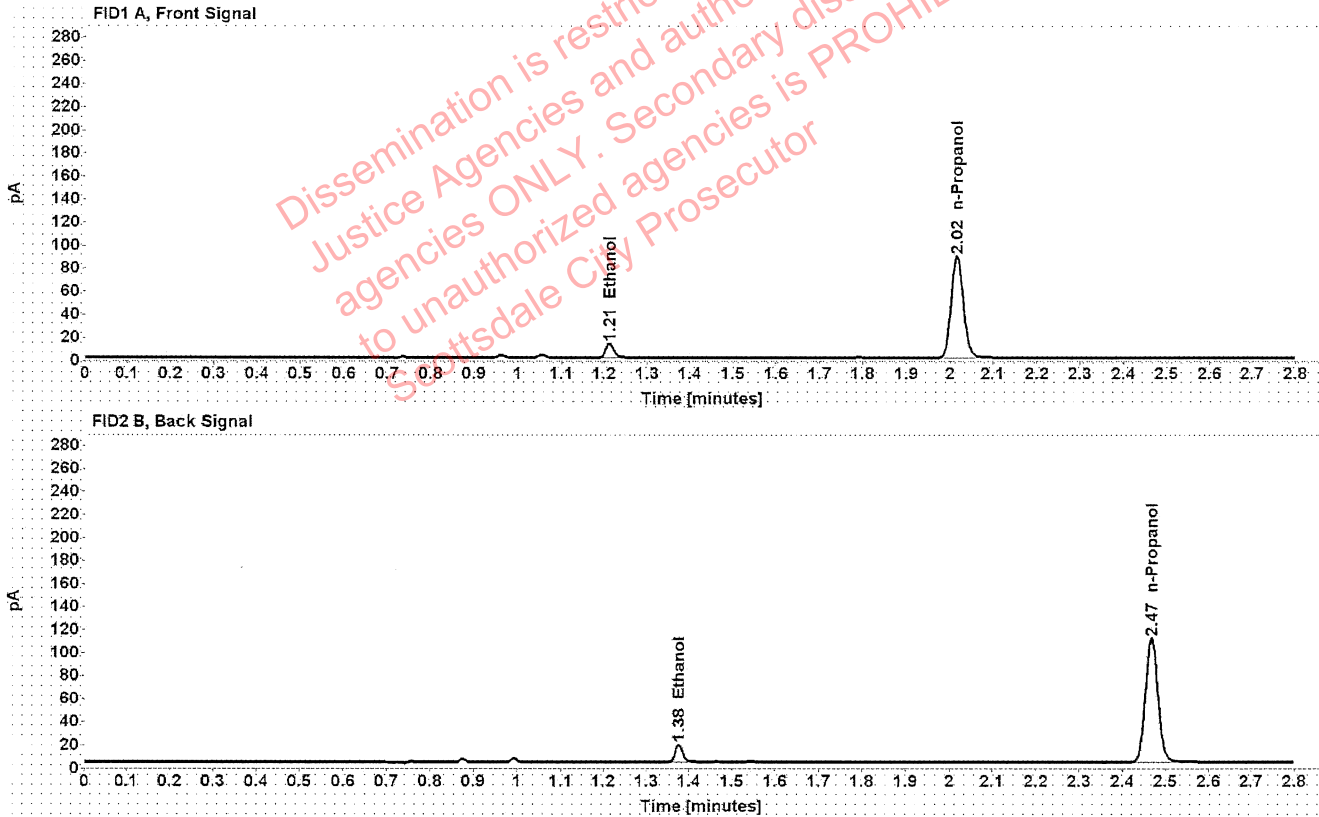


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0248	1.212	15.809
n-Propanol	-----	2.016	176.328

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

Compound	Time (min)	Peak Area
Ethanol	1.376	19.990
n-Propanol	2.467	217.856

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	37101JP	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/16/2021 2:51:31 PM
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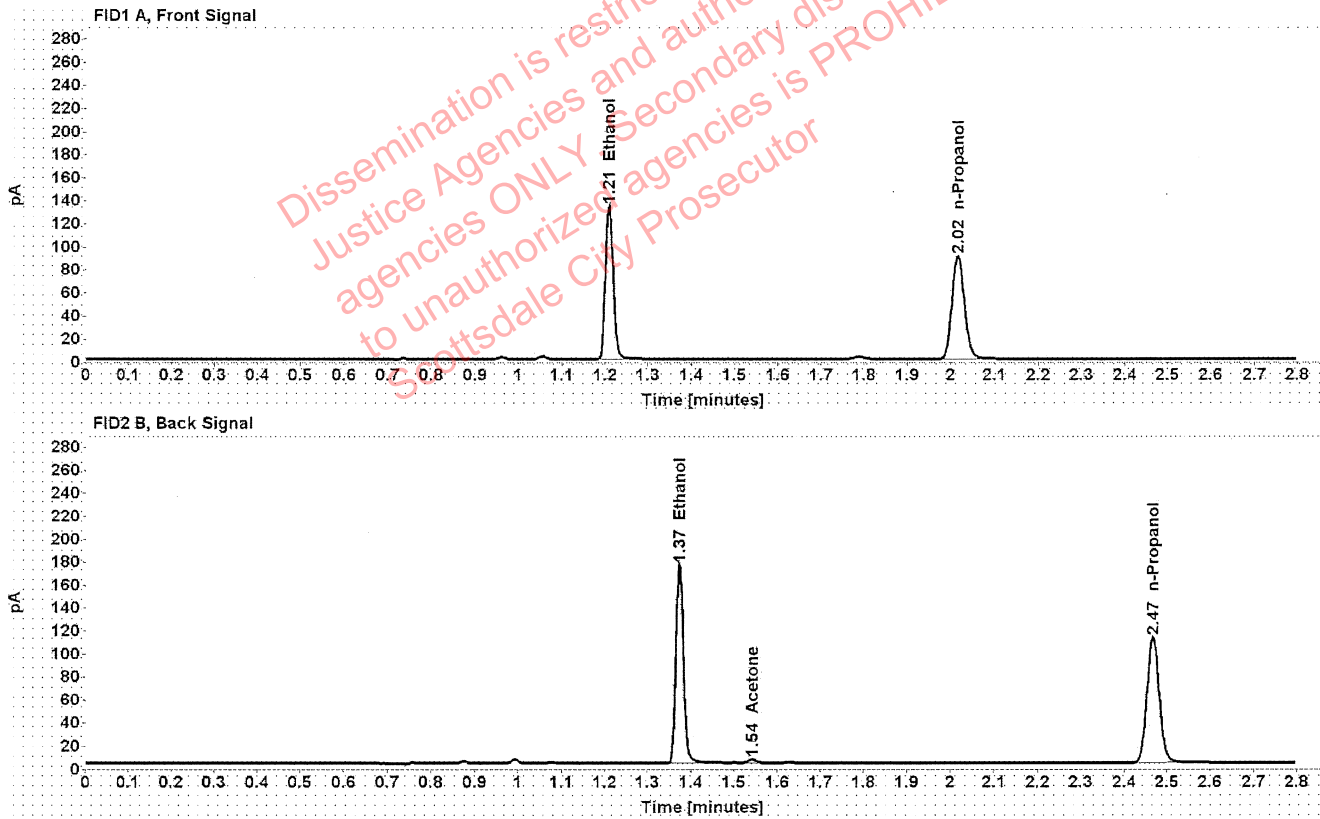


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2577	1.210	170.365
n-Propanol	-----	2.016	178.765

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

Compound	Time (min)	Peak Area
Ethanol	1.374	214.169
Acetone	1.543	4.623
n-Propanol	2.467	220.542

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	37101JP	Vial:	22
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	16Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/16/2021 2:55:31 PM
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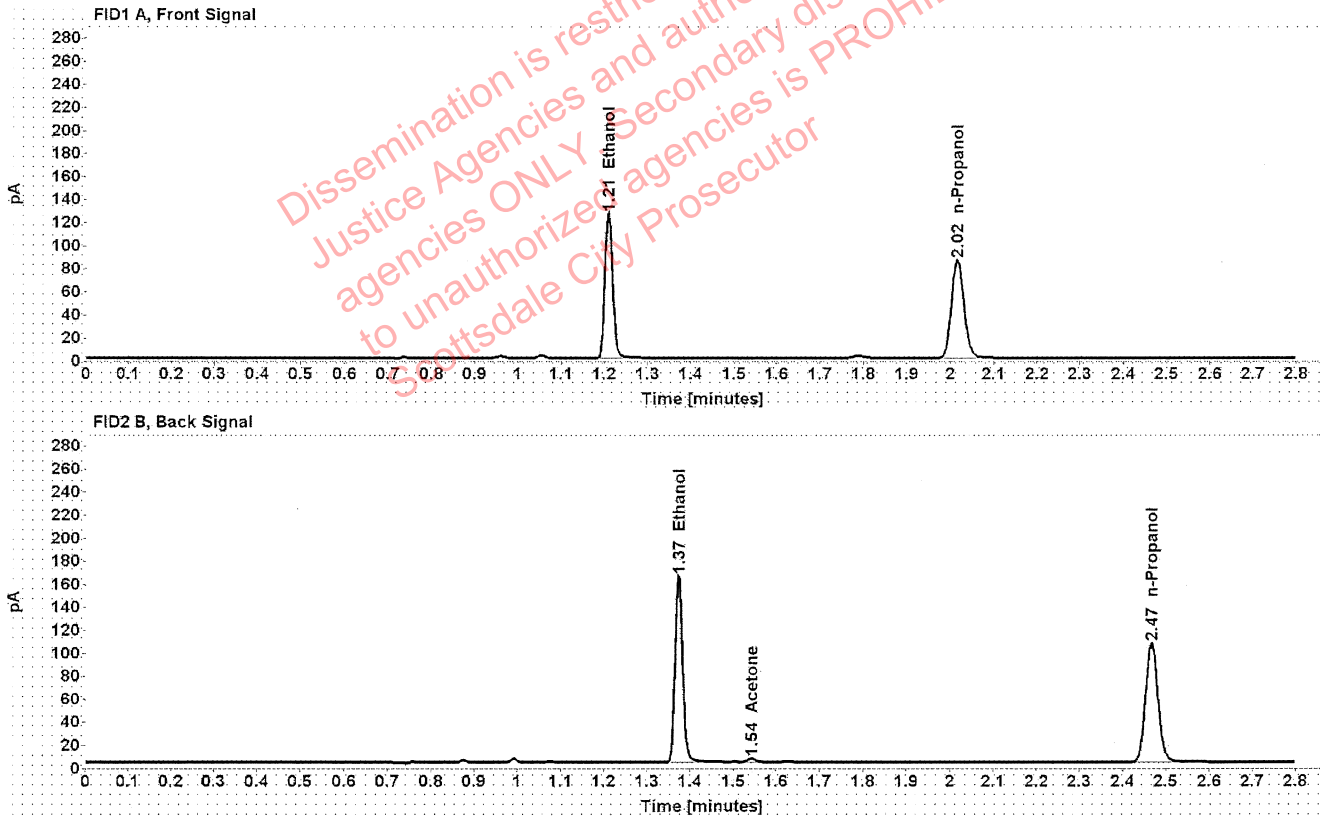


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2552	1.210	160.240
n-Propanol	-----	2.016	169.823

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

Compound	Time (min)	Peak Area
Ethanol	1.374	200.052
Acetone	1.543	3.830
n-Propanol	2.467	209.543

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	38401PK	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/16/2021 2:59:31 PM
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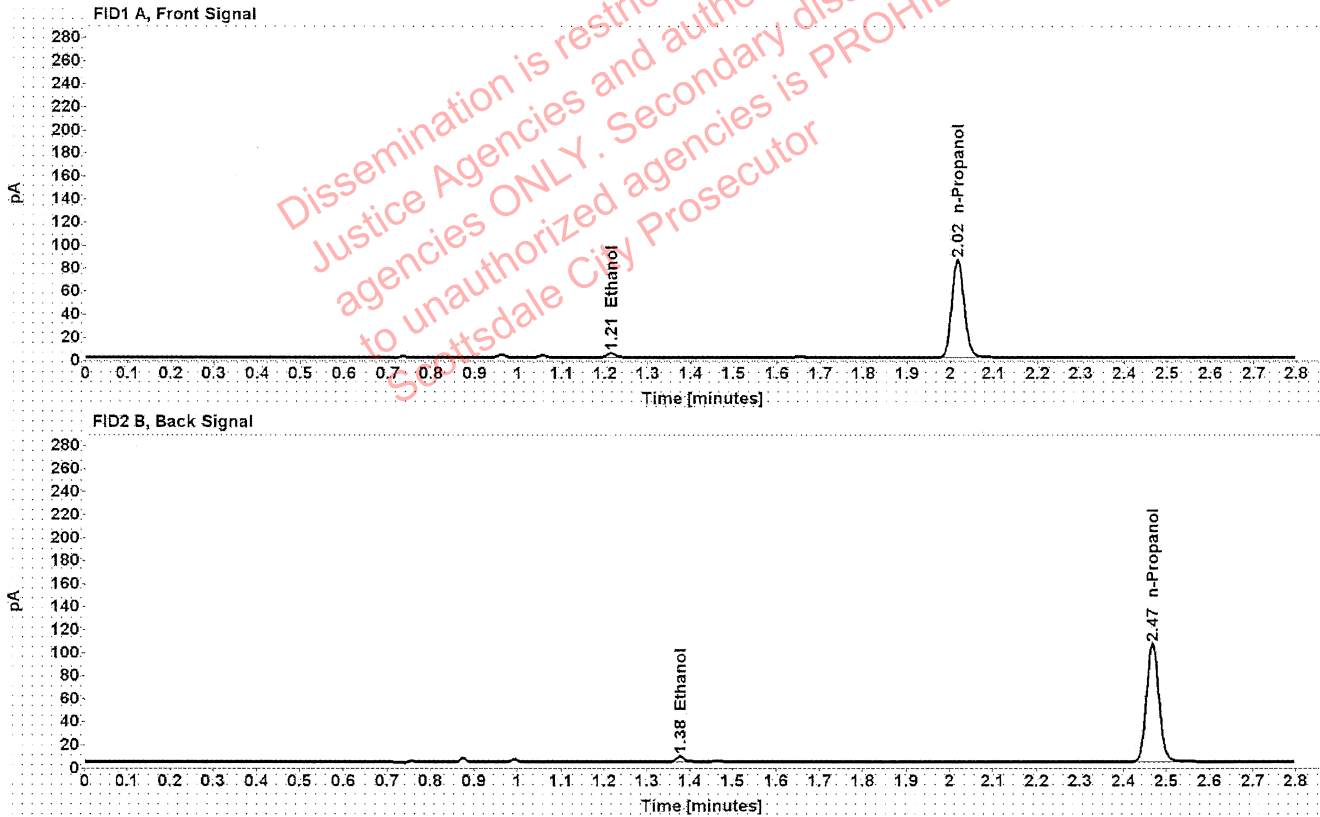


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0083	1.214	4.856
n-Propanol	-----	2.016	169.211

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

Compound	Time (min)	Peak Area
Ethanol	1.377	6.116
n-Propanol	2.467	209.107

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	38401PK	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/16/2021 3:03:31 PM
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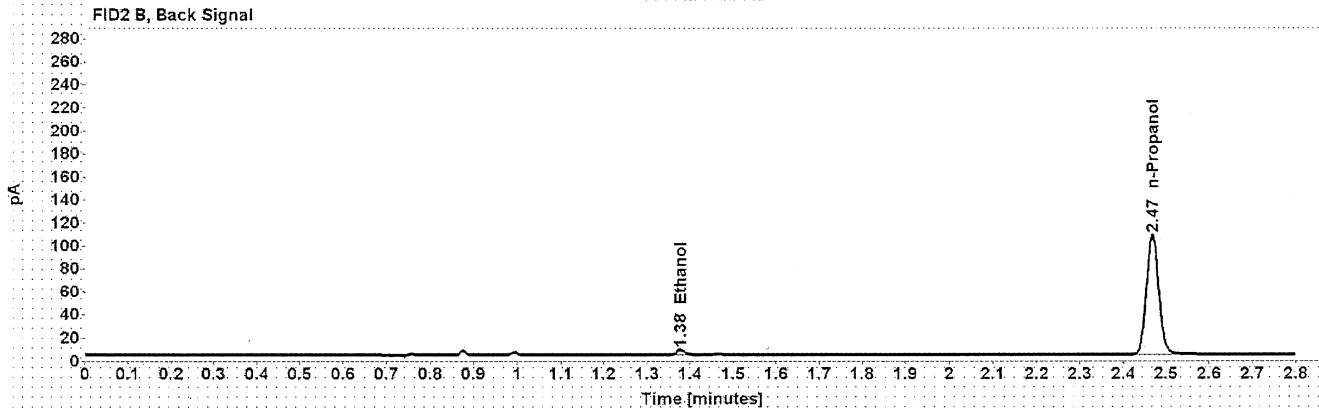
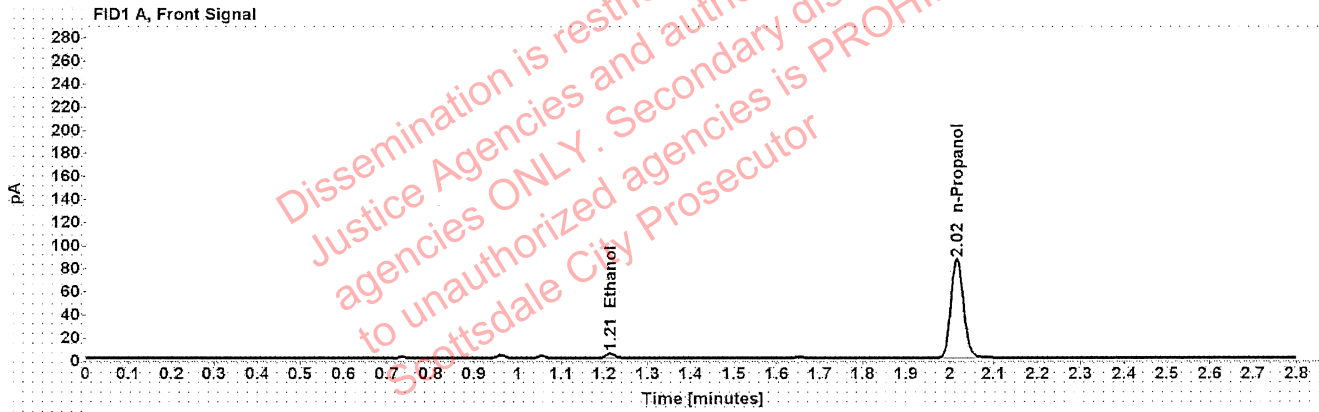


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0083	1.214	4.860
n-Propanol	-----	2.016	171.207

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

Compound	Time (min)	Peak Area
Ethanol	1.377	6.047
n-Propanol	2.468	211.310

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1298622	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/16/2021 3:07:47 PM
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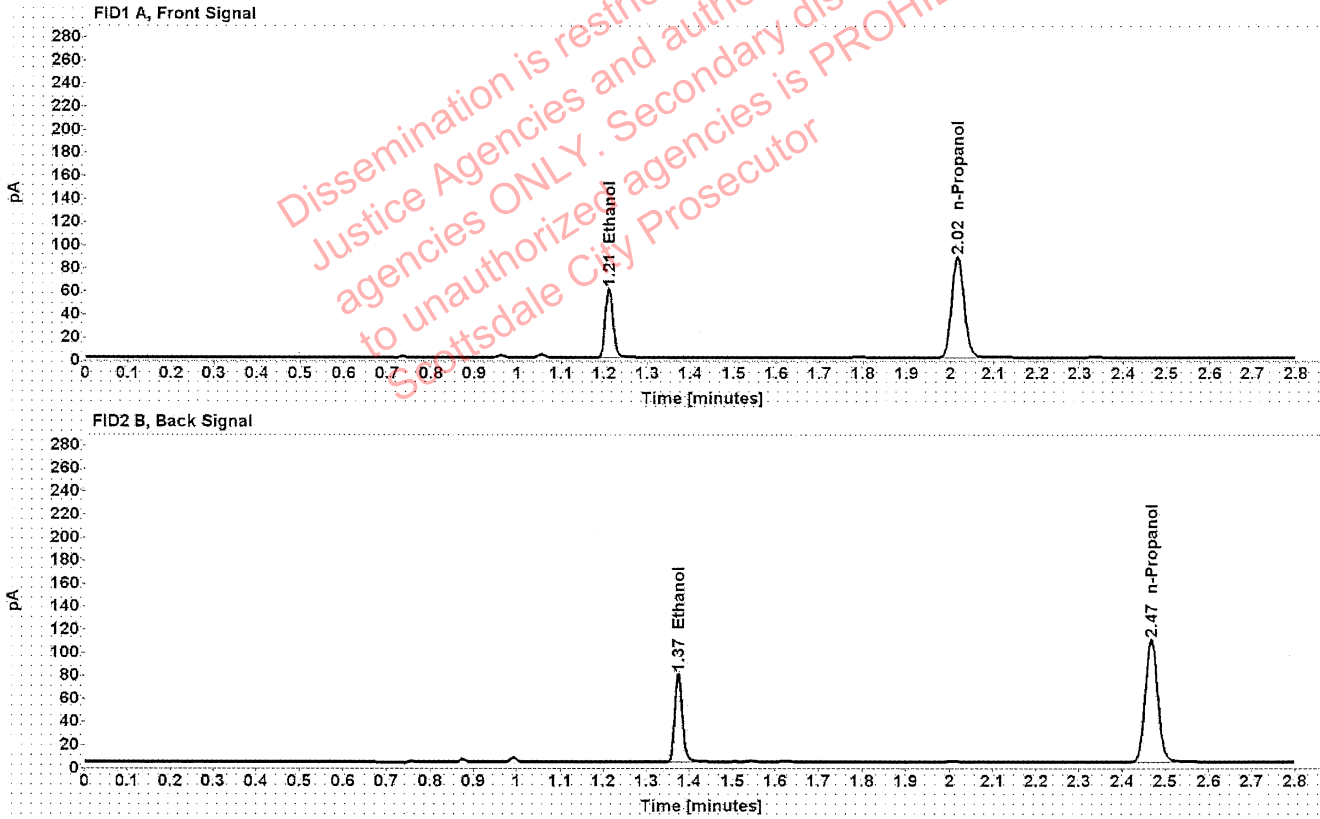


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1189	1.210	76.545
n-Propanol	-----	2.016	174.561

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

Compound	Time (min)	Peak Area
Ethanol	1.375	95.097
n-Propanol	2.468	215.956

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1298622	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/16/2021 3:11:47 PM
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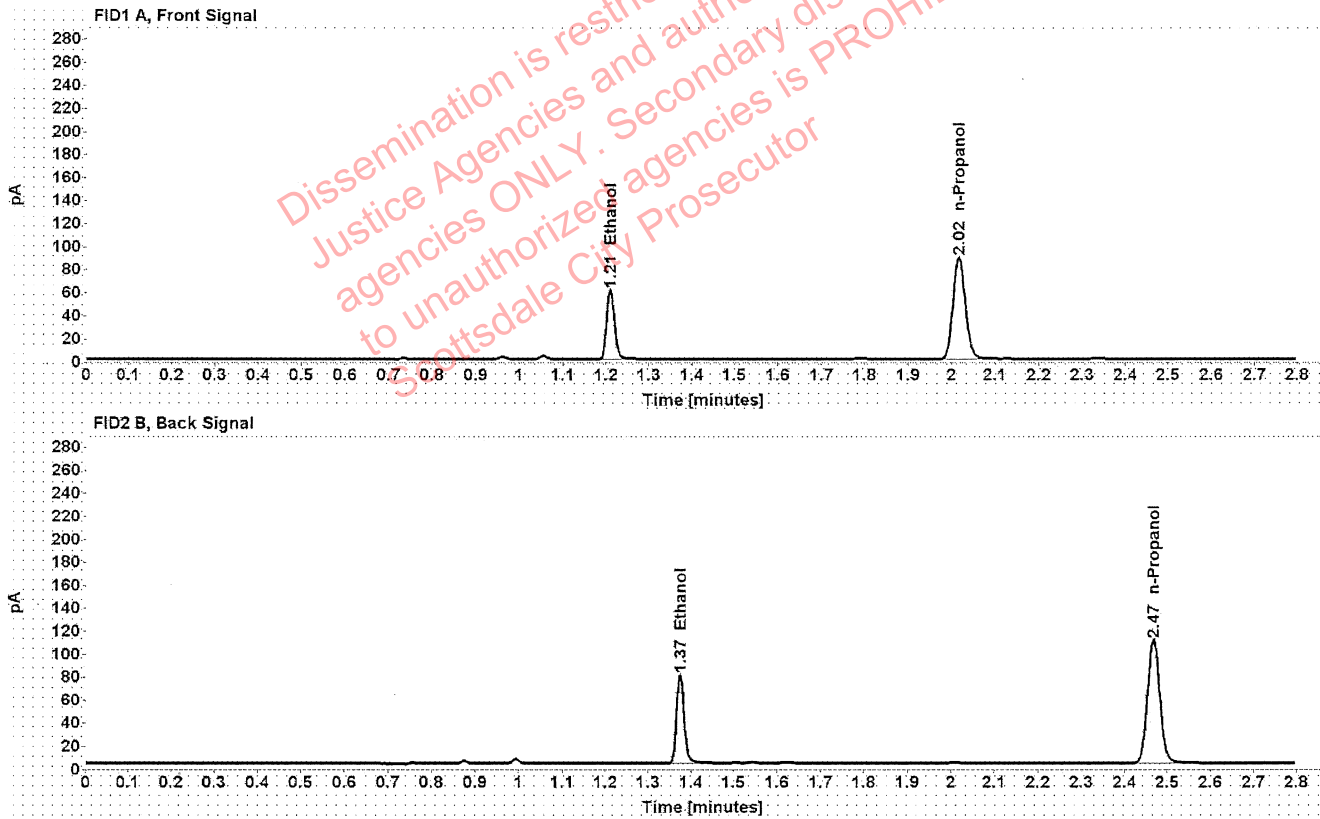


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1185	1.210	76.771
n-Propanol	-----	2.016	175.646

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

Compound	Time (min)	Peak Area
Ethanol	1.374	95.555
n-Propanol	2.468	217.329

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1335203	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/16/2021 3:15:47 PM
Data file:	C:\Chem32\1\Data\16Mar21\27.D	Analyst:	Abbott

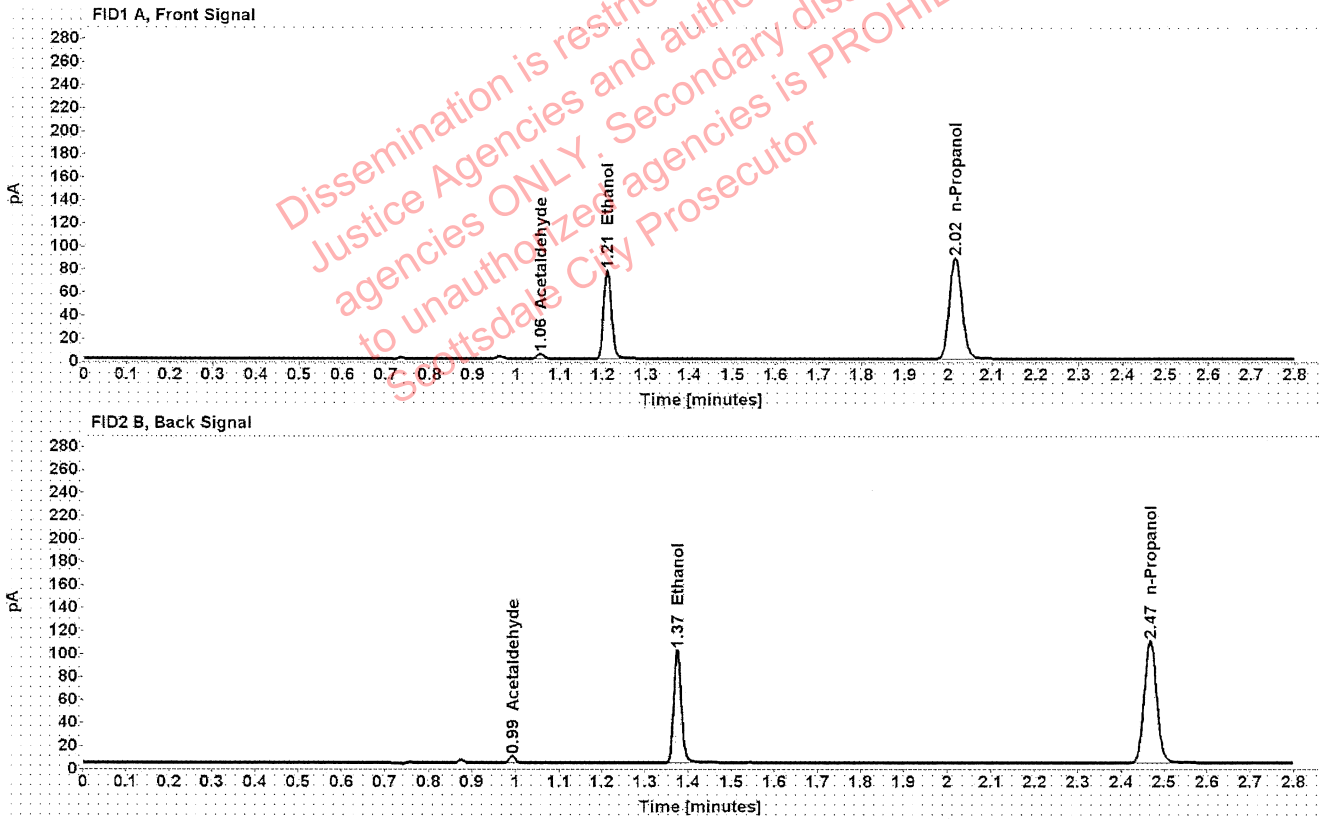


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	4.396
>Ethanol	0.1511	1.210	97.826
n-Propanol	-----	2.016	175.362

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5.816
Ethanol	1.374	121.506
n-Propanol	2.467	216.788

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1335203	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/16/2021 3:19:47 PM
Data file:	C:\Chem32\1\Data\16Mar21\28.D	Analyst:	Abbott

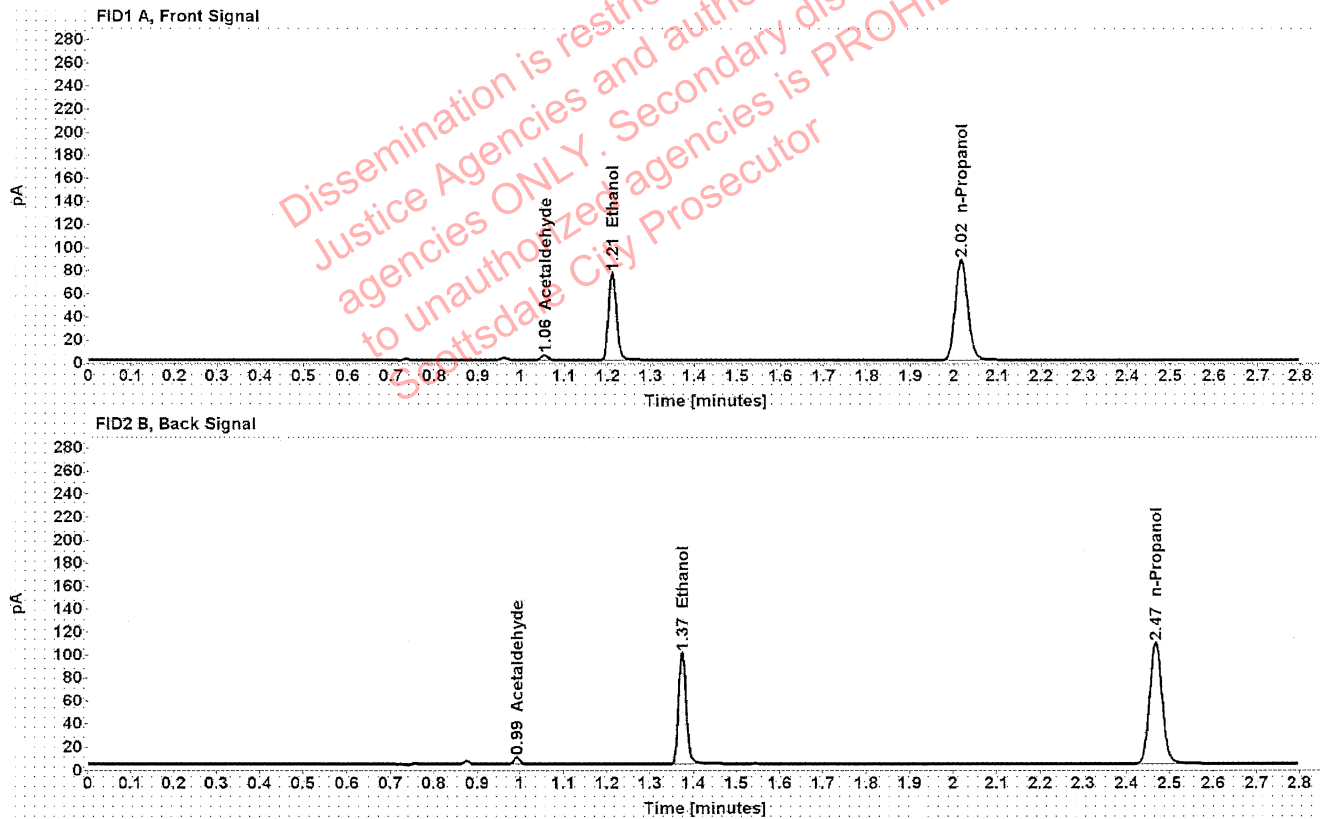


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	4.437
>Ethanol	0.1507	1.210	96.430
n-Propanol	-----	2.016	173.305

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5.849
Ethanol	1.374	119.686
n-Propanol	2.467	214.088

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1364097	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/16/2021 3:23:47 PM
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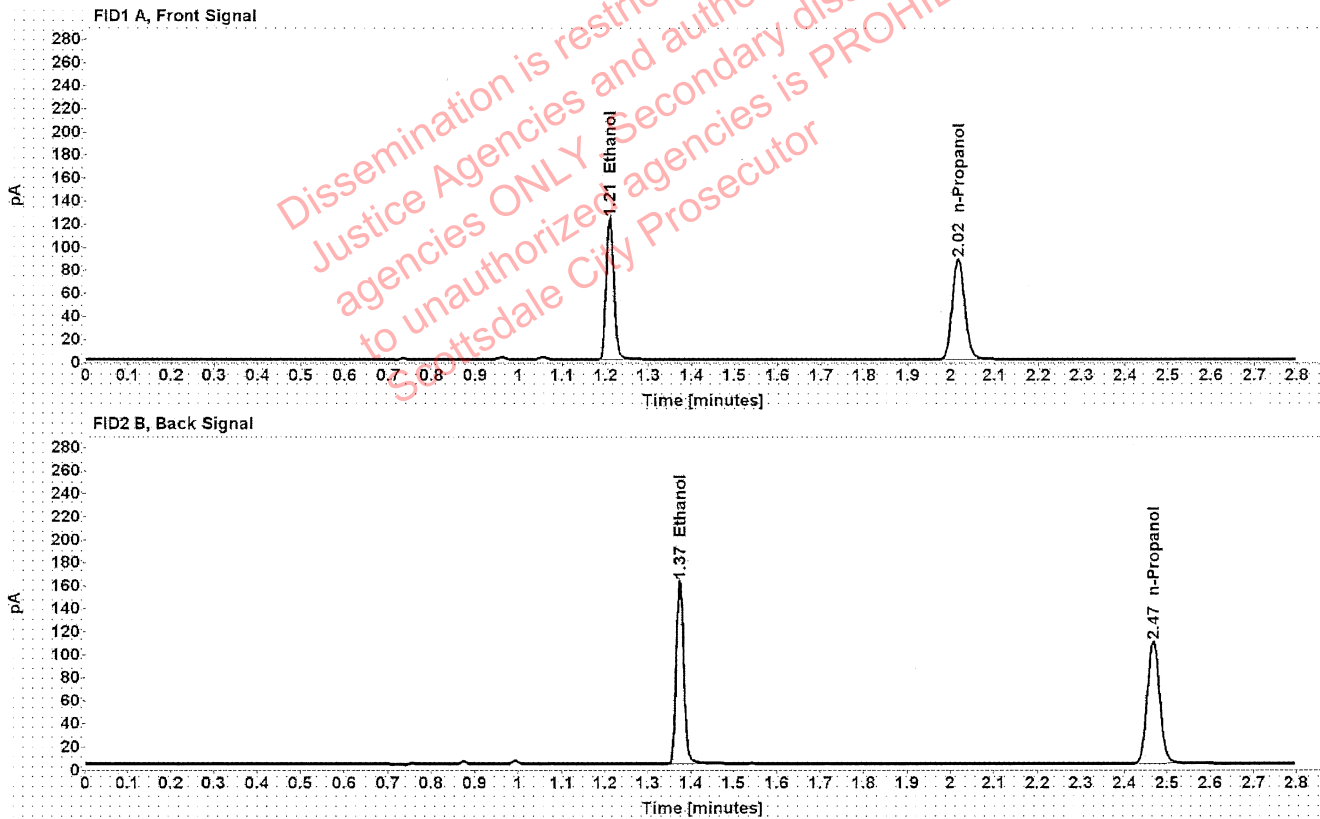


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2435	1.210	156.477
n-Propanol	-----	2.016	173.804

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

Compound	Time (min)	Peak Area
Ethanol	1.374	195.308
n-Propanol	2.467	214.253

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1364097	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/16/2021 3:27:47 PM
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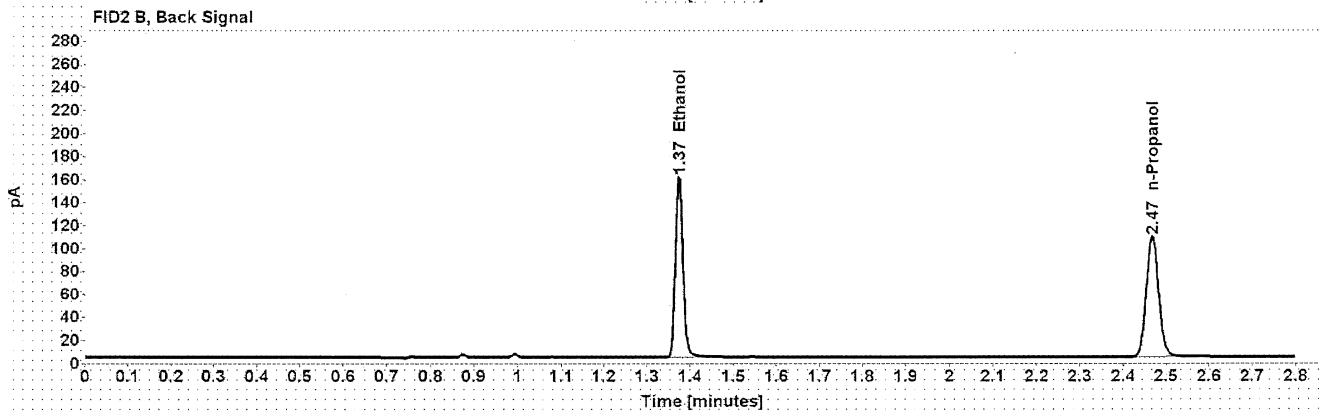
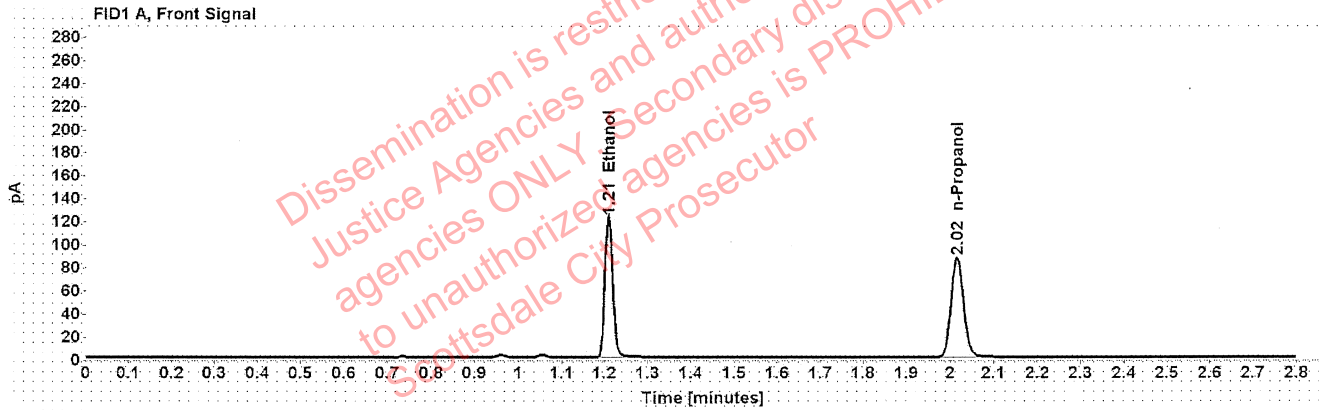


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2435	1.210	155.181
n-Propanol	-----	2.016	172.360

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

Compound	Time (min)	Peak Area
Ethanol	1.374	193.647
n-Propanol	2.467	212.354

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 20012020-B	Vial: 32
Description: ██████████	LIMS ID: ██████████
Method: ethanol quant.M	Sequence: 16Mar21
Instrument: US14173023 CN14160045	Injection date: 3/16/2021 3:36:01 PM
Data file: C:\Chem32\1\Data\16Mar21\32.D	Analyst: Abbott <i>AB</i>

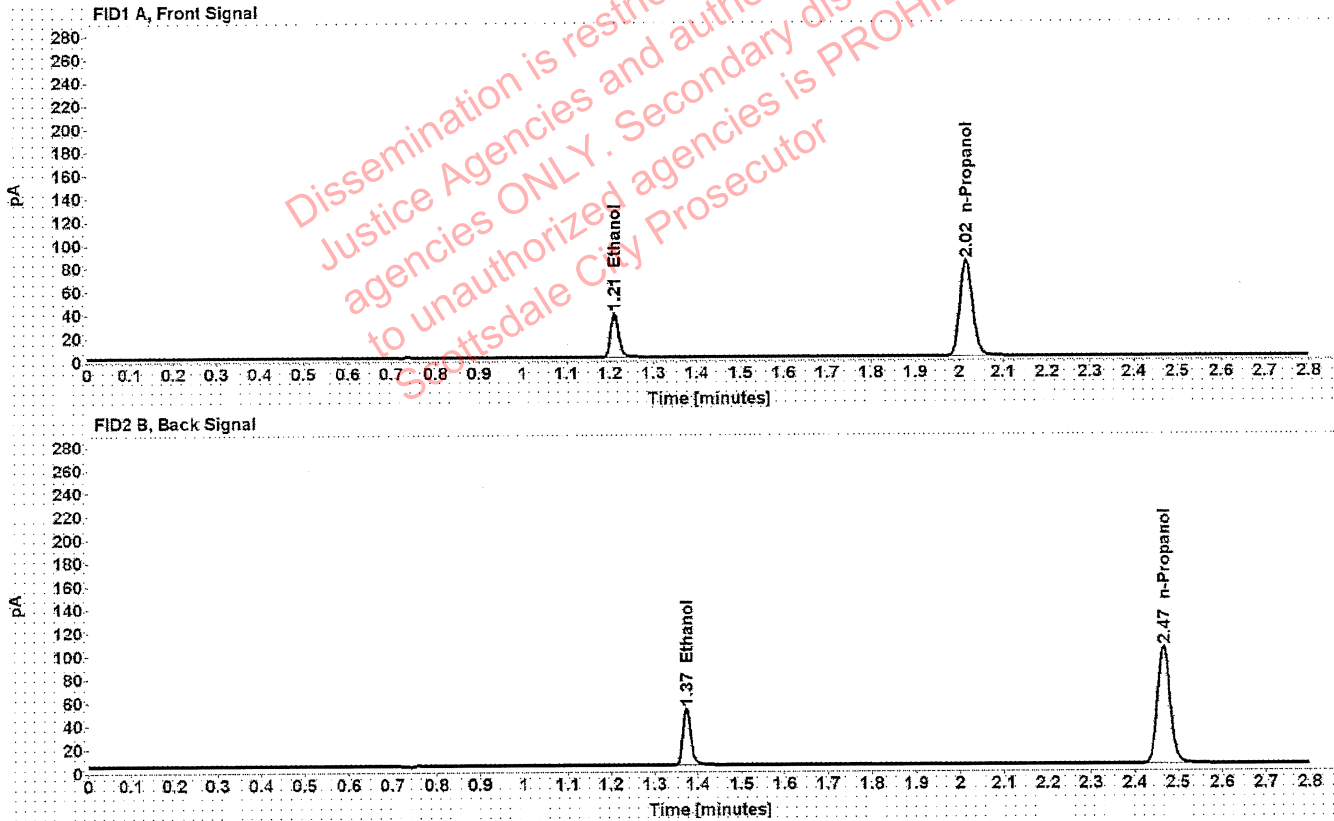


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0793	1.210	48.398
n-Propanol	-----	2.016	165.888

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

Compound	Time (min)	Peak Area
Ethanol	1.374	60.259
n-Propanol	2.466	204.395

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 20012020-B	Vial: 33
Description: ██████████	LIMS ID: ██████████
Method: ethanol quant.M	Sequence: 16Mar21
Instrument: US14173023 CN14160045	Injection date: 3/16/2021 3:40:02 PM
Data file: C:\Chem32\1\Data\16Mar21\33.D	Analyst: Abbott <i>JA</i>

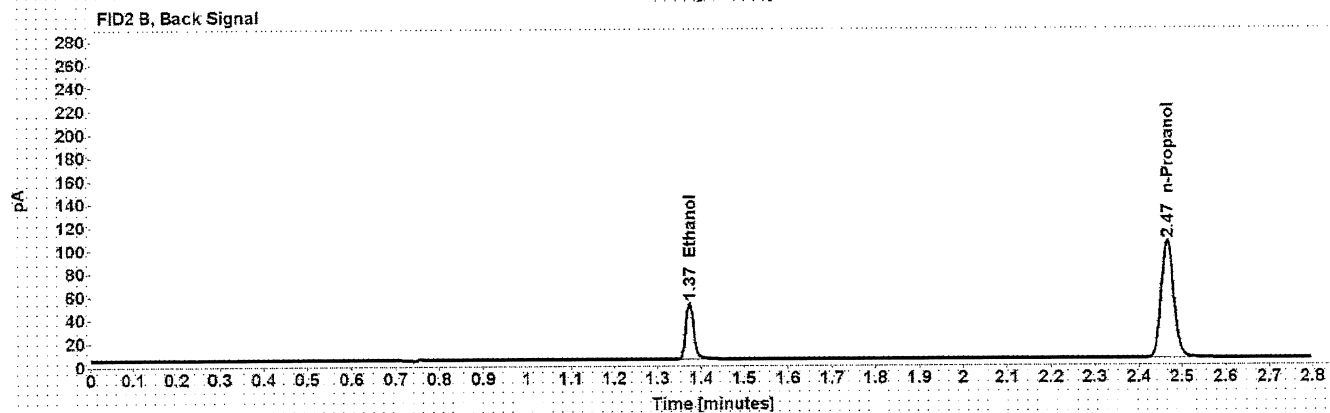
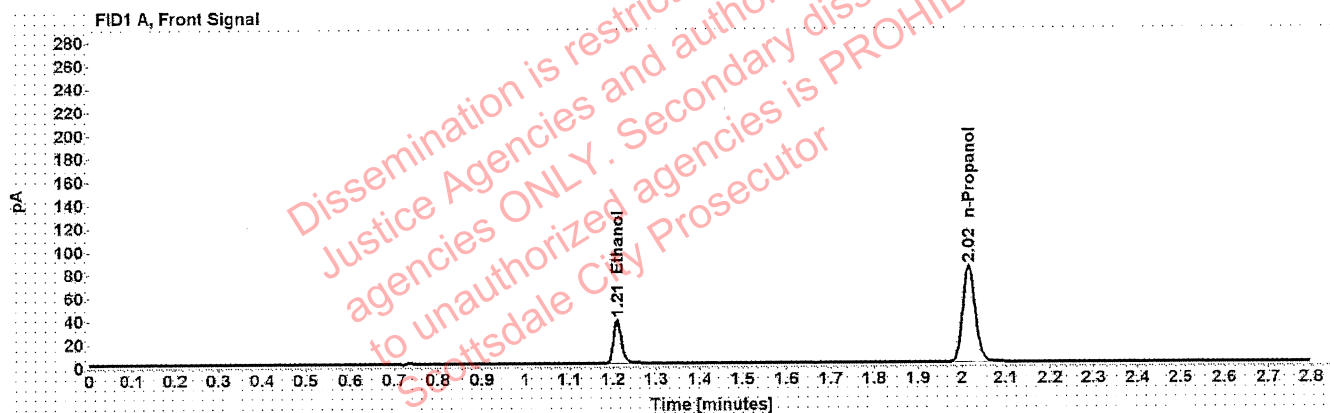


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0793	1.210	48.608
n-Propanol	-----	2.015	166.518

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

Compound	Time (min)	Peak Area
Ethanol	1.373	60.543
n-Propanol	2.466	205.195