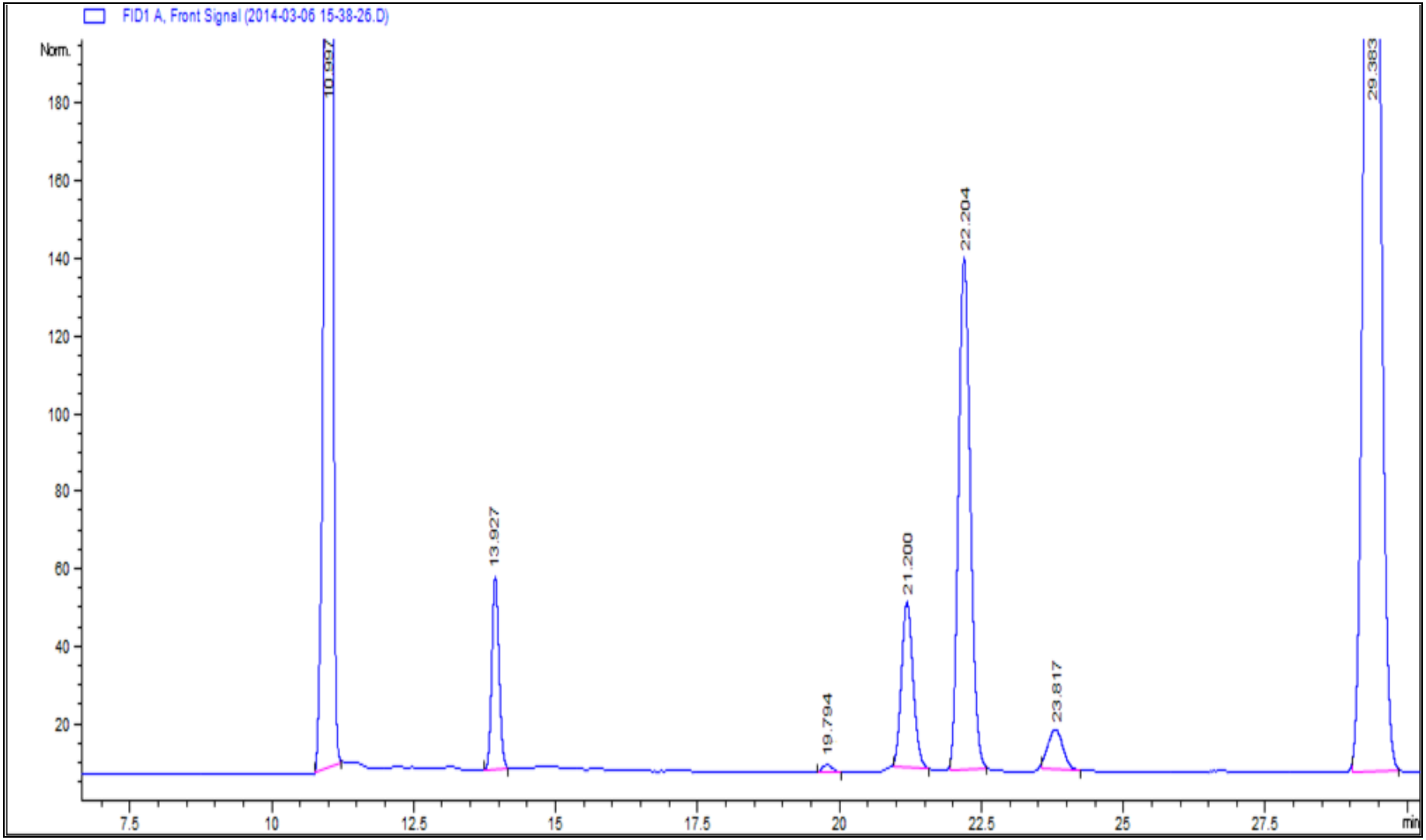
# Instrumentation Conditions

- GC: Agilent 7890 w/ FID
- Cat no: *GsBP-oxides 60m x 0.32mm*
- Oven: 35 ℃
- Carrier: Hydrogen, column flow 1.5ml/min
- Inlet: Split, 275 ℃, split 60ml/min
- Detector: FID 325 ℃
- Inject volume: 1ul

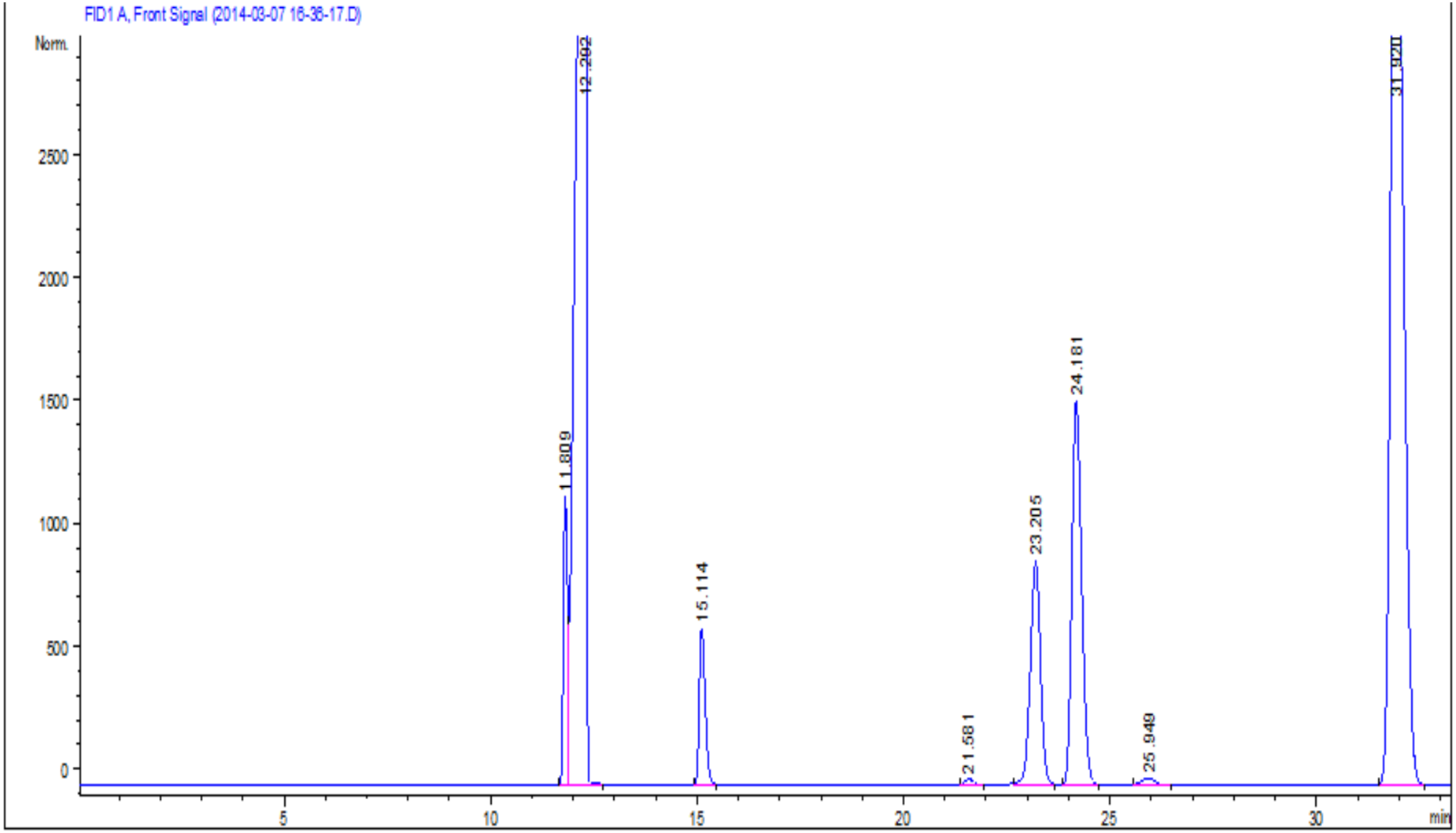

FID1 A, Front Signal (2014-03-06 15-38-26.D)
Norm.
180
160
140
120
100
80
60
40
20
10.997
13.927
19.794
21.200
22.204
23.817
29.383
7.5
10
12.5
15
17.5
20
22.5
25
27.5
min

# Peak Identifications and Resolutions

| Peak | Compound | Retention Time | Resolution |
|---|---|---|---|
| 1 | **Acetaldehyde/Methanol** | 10.997 | |
| 2 | **Ethylene oxide** | 13.927 | |
| 3 | **Acrolein** | 19.794 | |
| 4 | **Propionaldehyde** | 21.200 | 6.69 |
| 5 | **Propylene oxide** | 22.204 | 4.70 |
| 6 | **Methylene chloride** | 29.383 | |

# Instrumentation Conditions

- GC: Agilent  7890 w/ FID
- Cat no: *GsBP-oxides 60m x 0.32mm*
- Oven:  35 ℃
- Carrier: Hydrogen, column flow  1.5ml/min
- Inlet: Split, 275 ℃, split 60ml/min
- Detector: FID 325 ℃
- Inject volume: 10ul-a large amount of sample


FID1 A, Front Signal (2014-03-07 16-36-17.D)
Norm.
2500
2000
1500
1000
500
0
11.809
12.292
15.114
21.581
23.205
24.181
25.949
31.920
5
10
15
20
25
30
min

# Peak Identifications and Resolutions

| Peak | Compound | Retention Time | Resolution |
|---|---|---|---|
| 1 | **Acetaldehyde** | 11.809 | |
| 2 | **Methanol** | 12.292 | 3.03 |
| 3 | **Ethylene oxide** | 15.114 | |
| 4 | **Acrolein** | 21.581 | |
| 5 | **Propionaldehyde** | 23.205 | 7.67 |
| 6 | **Propylene oxide** | 24.181 | 4.30 |
| 7 | **Methylene chloride** | 31.920 | |