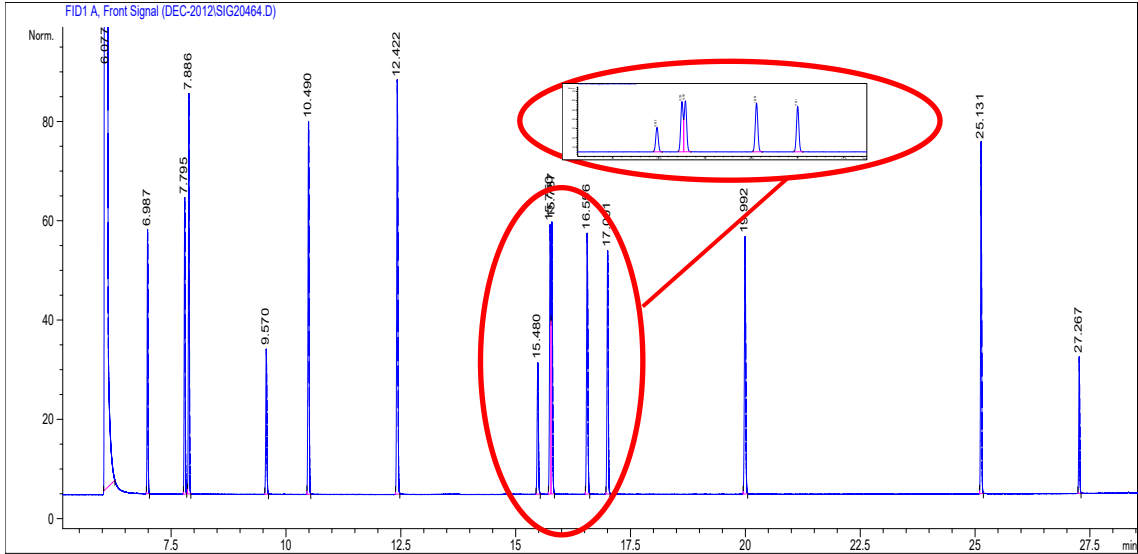




挥发性石油烃类物质 (VPHS)在NanoChrom BP-PONA上的分离与检测



Column: NanoChrom BP-PONA
 Dimension: 100m×0.25mm×0.5μm
 Carrier: Hydrogen, column flow 1.3mL/min
 Inlet: S/S, 275 °C, split flow: 60 mL/min
 Oven: 50 °C (hold 1 min) to 150 °C (hold 1 min) at 5 °C/min to 260 °C (hold 5 min) at 15 °C/min
 Inject: 1 μL
 Detector: FID 325 °C

| Peak | Compound | Retention time (min) | Resolution |
|------|--|----------------------|------------|
| 1 | Methanol (甲醇) | 6.077 | |
| 2 | Pentane (戊烷) | 6.987 | |
| 3 | MTBE (MTBE) | 7.795 | |
| 4 | 2-Methyl pentane (2-甲基戊烷) | 7.886 | 4.09 |
| 5 | Benzene (苯) | 9.570 | |
| 6 | Issoctane (异辛烷) | 10.490 | |
| 7 | Toluene (甲苯) | 12.422 | |
| 8 | Ethylbenzene (乙苯) | 15.480 | |
| 9 | m-Xylene (间二甲苯) | 15.750 | |
| 10 | p-Xylene (对二甲苯) | 15.787 | 1.31 |
| 11 | o-Xylene (邻二甲苯) | 16.556 | |
| 12 | Nonane (壬烷) | 17.001 | |
| 13 | 2, 5-Dibromotoluene (2, 5-二溴甲苯) | 19.992 | |
| 14 | 1, 2, 4-Trimethylbenzene (1, 2, 4-三甲苯) | 25.131 | |
| 15 | Naphthalene (萘) | 27.267 | |