

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG040621\  
 Data File : FG007786.D  
 Signal(s) : FID1A.ch  
 Acq On : 06 Apr 2021 13:05  
 Operator : DD\AJ  
 Sample : M1458-01  
 Misc : LOD-SOIL-TPH GC- 1 PPM  
 ALS Vial : 10 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Apr 07 02:04:17 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG040521.M  
 Quant Title :  
 QLast Update : Tue Apr 06 03:05:53 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1uL  
 Signal Phase : Rxi-1ms  
 Signal Info : 20mx0.18mmx0.18um

| Compound                      | R.T.   | Response | Conc Units   |
|-------------------------------|--------|----------|--------------|
| -----                         |        |          |              |
| System Monitoring Compounds   |        |          |              |
| 9) S TETRACOSANE-d50 (SURR... | 14.773 | 2618928  | 17.537 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.373  | 133054   | 0.831 ug/ml  |
| 2) N-DECANE                   | 4.481  | 136715   | 0.825 ug/ml  |
| 3) N-DODECANE                 | 6.508  | 139552   | 0.832 ug/ml  |
| 4) N-TETRADECANE              | 8.307  | 143960   | 0.837 ug/ml  |
| 5) N-HEXADECANE               | 9.911  | 142948   | 0.832 ug/ml  |
| 6) N-OCTADECANE               | 11.356 | 146770   | 0.841 ug/ml  |
| 7) N-EICOSANE                 | 12.669 | 144718   | 0.835 ug/ml  |
| 8) N-DOCOSANE                 | 13.870 | 142752   | 0.829 ug/ml  |
| 10) N-TETRACOSANE             | 14.975 | 144681   | 0.846 ug/ml  |
| 11) N-HEXACOSANE              | 15.997 | 145141   | 0.872 ug/ml  |
| 12) N-OCTACOSANE              | 16.947 | 168320   | 1.035 ug/ml  |
| 13) N-TRIACONTANE             | 17.835 | 232803   | 1.482 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.668 | 231519   | 1.517 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.452 | 188027   | 1.414 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.191 | 138301   | 1.188 ug/ml  |
| -----                         |        |          |              |

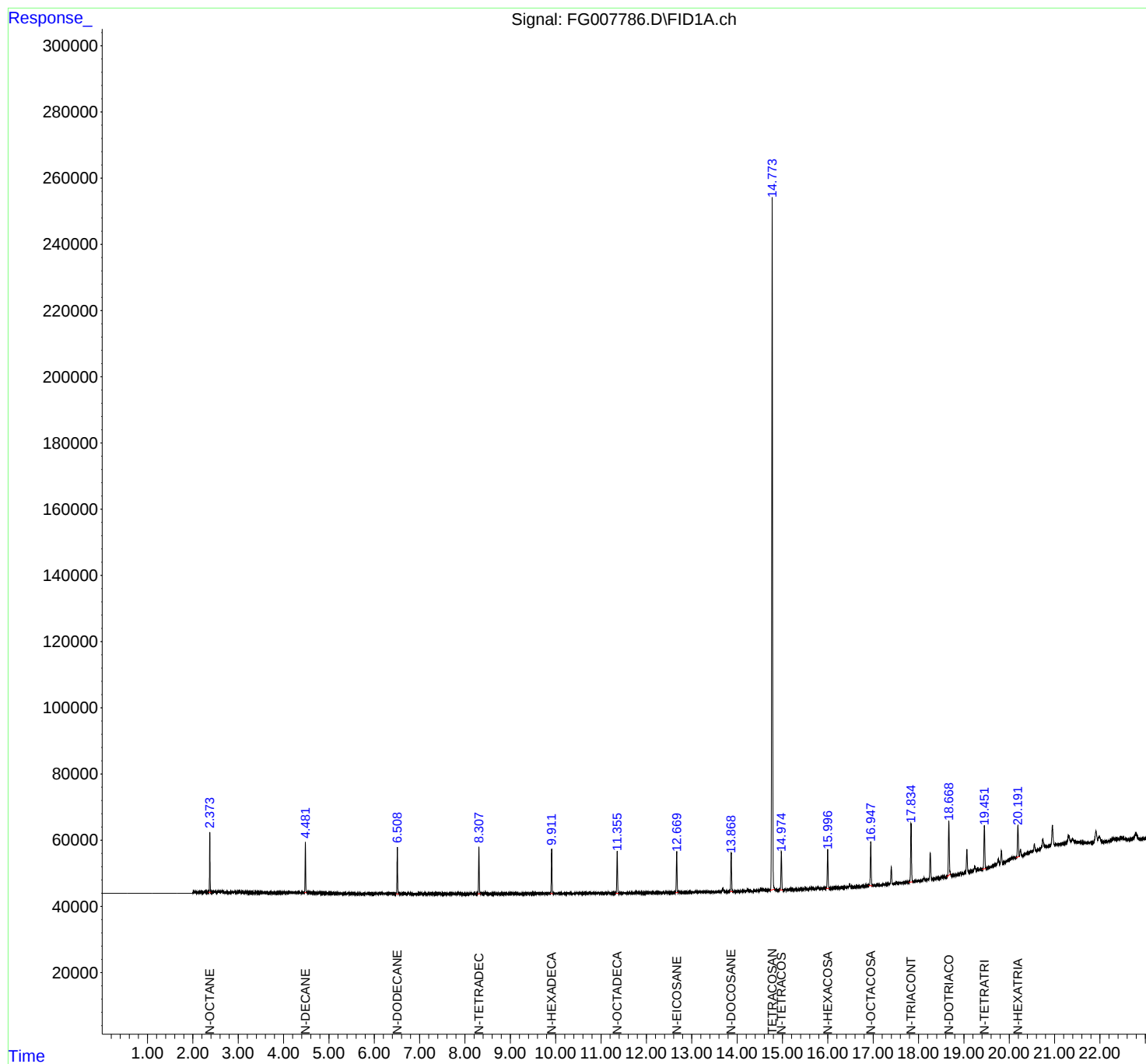
(f)=RT Delta > 1/2 Window

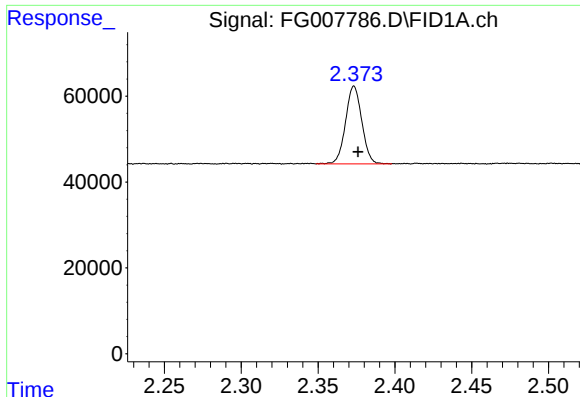
(m)=manual int.

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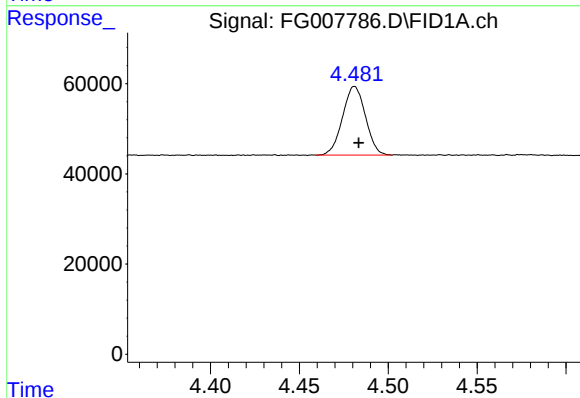
Volume Inj. : 1uL  
Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um





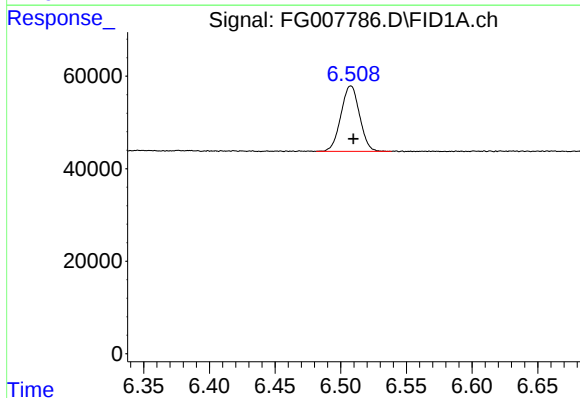
#1 N-OCTANE

R.T.: 2.373 min  
Delta R.T.: -0.002 min  
Response: 133054  
Conc: 0.83 ug/ml



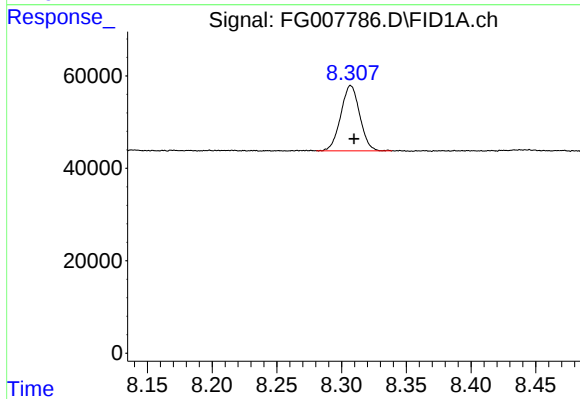
#2 N-DECANE

R.T.: 4.481 min  
Delta R.T.: -0.002 min  
Response: 136715  
Conc: 0.82 ug/ml



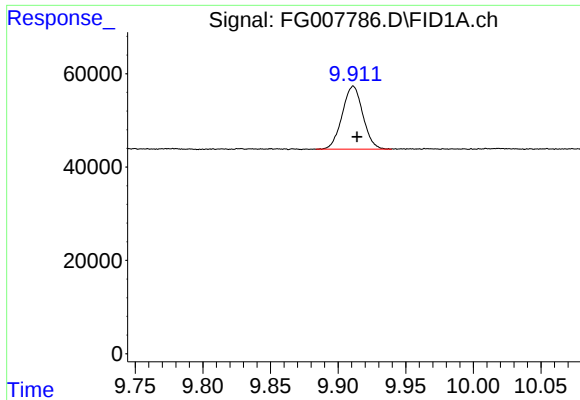
#3 N-DODECANE

R.T.: 6.508 min  
Delta R.T.: -0.002 min  
Response: 139552  
Conc: 0.83 ug/ml



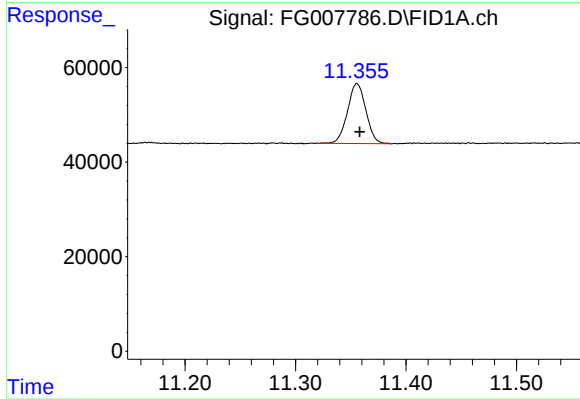
#4 N-TETRADECANE

R.T.: 8.307 min  
Delta R.T.: -0.002 min  
Response: 143960  
Conc: 0.84 ug/ml



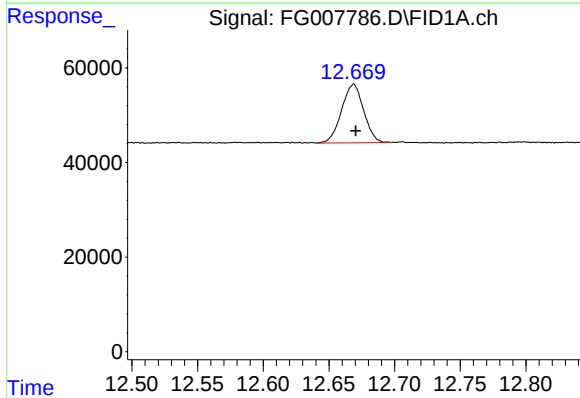
#5 N-HEXADECANE

R.T.: 9.911 min  
Delta R.T.: -0.003 min  
Response: 142948  
Conc: 0.83 ug/ml



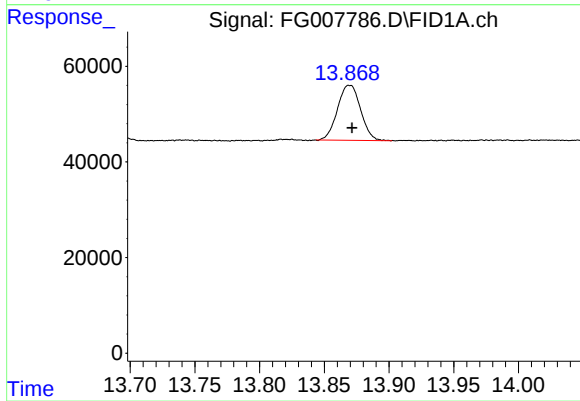
#6 N-OCTADECANE

R.T.: 11.356 min  
Delta R.T.: -0.002 min  
Response: 146770  
Conc: 0.84 ug/ml



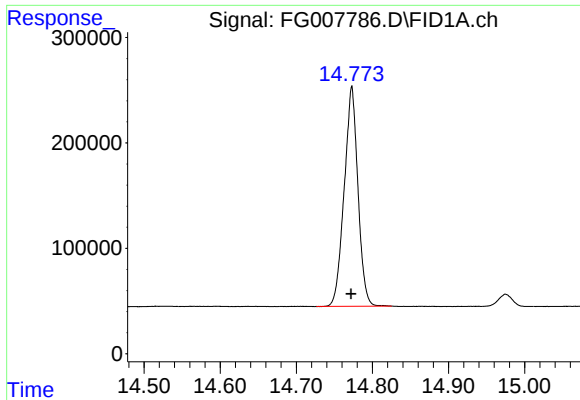
#7 N-EICOSANE

R.T.: 12.669 min  
Delta R.T.: -0.002 min  
Response: 144718  
Conc: 0.83 ug/ml



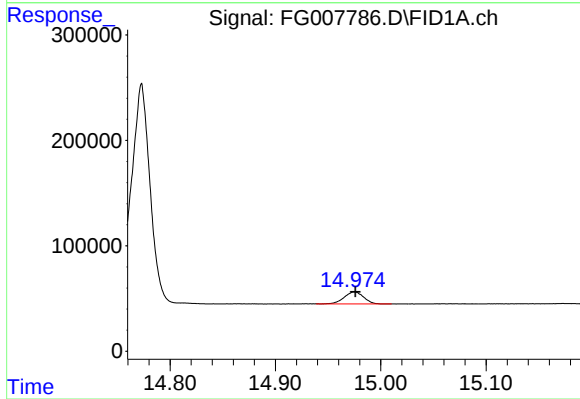
#8 N-DOCOSANE

R.T.: 13.870 min  
Delta R.T.: -0.002 min  
Response: 142752  
Conc: 0.83 ug/ml



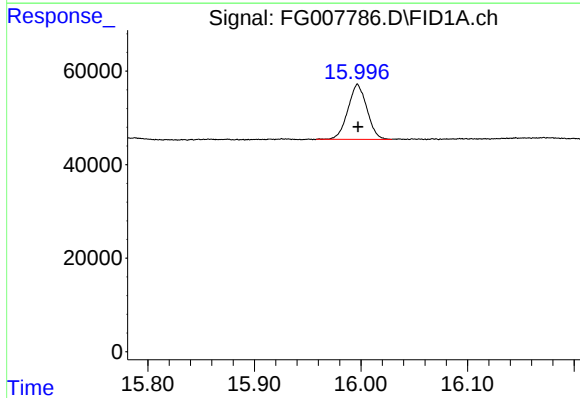
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.773 min  
Delta R.T.: 0.001 min  
Response: 2618928  
Conc: 17.54 ug/ml



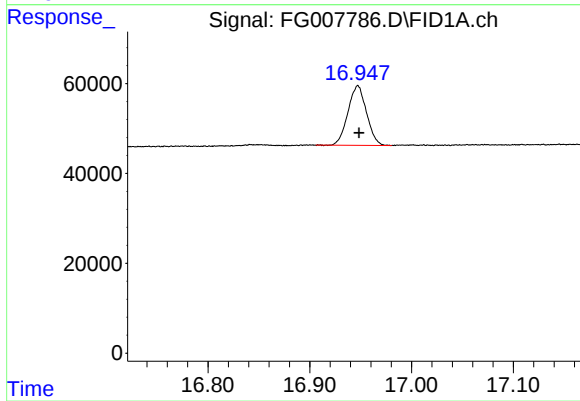
#10 N-TETRACOSANE

R.T.: 14.975 min  
Delta R.T.: 0.000 min  
Response: 144681  
Conc: 0.85 ug/ml



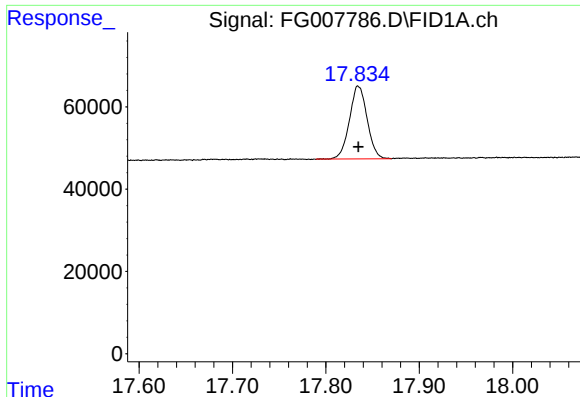
#11 N-HEXACOSANE

R.T.: 15.997 min  
Delta R.T.: 0.000 min  
Response: 145141  
Conc: 0.87 ug/ml



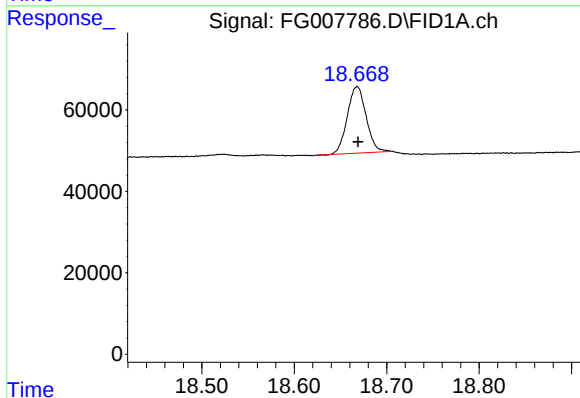
#12 N-OCTACOSANE

R.T.: 16.947 min  
Delta R.T.: -0.001 min  
Response: 168320  
Conc: 1.03 ug/ml



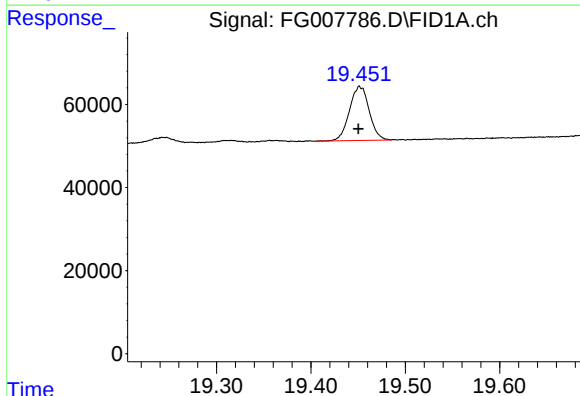
#13 N-TRIACONTANE

R.T.: 17.835 min  
Delta R.T.: 0.000 min  
Response: 232803  
Conc: 1.48 ug/ml



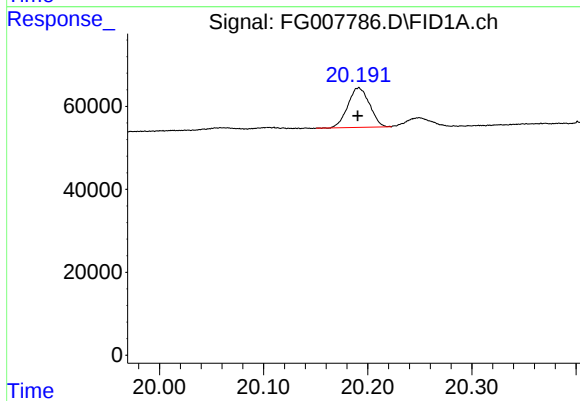
#14 N-DOTRIACONTANE

R.T.: 18.668 min  
Delta R.T.: 0.000 min  
Response: 231519  
Conc: 1.52 ug/ml



#15 N-TETRATRIACONTANE

R.T.: 19.452 min  
Delta R.T.: 0.001 min  
Response: 188027  
Conc: 1.41 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.191 min  
Delta R.T.: 0.000 min  
Response: 138301  
Conc: 1.19 ug/ml