

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE021921\  
 Data File : FE033250.D  
 Signal(s) : FID1B.CH  
 Acq On : 19 Feb 2021 9:54  
 Operator : DD\AJ  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Feb 19 21:45:01 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\FE012121.M  
 Quant Title :  
 QLast Update : Fri Jan 22 00:52:02 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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... | 14.573 | 17376360 | 51.680 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.296  | 19200187 | 54.370 ug/ml |
| 2) N-DECANE                   | 4.323  | 19305796 | 55.042 ug/ml |
| 3) N-DODECANE                 | 6.330  | 19633266 | 54.754 ug/ml |
| 4) N-TETRADECANE              | 8.124  | 20235786 | 53.800 ug/ml |
| 5) N-HEXADECANE               | 9.723  | 20209733 | 53.408 ug/ml |
| 6) N-OCTADECANE               | 11.165 | 20438343 | 52.912 ug/ml |
| 7) N-EICOSANE                 | 12.476 | 20225384 | 52.515 ug/ml |
| 8) N-DOCOSANE                 | 13.673 | 19953012 | 51.901 ug/ml |
| 10) N-TETRACOSANE             | 14.779 | 19659339 | 51.251 ug/ml |
| 11) N-HEXACOSANE              | 15.799 | 18993222 | 50.548 ug/ml |
| 12) N-OCTACOSANE              | 16.750 | 18470226 | 49.663 ug/ml |
| 13) N-TRIACONTANE             | 17.638 | 17776789 | 48.936 ug/ml |
| 14) N-DOTRIACONTANE           | 18.470 | 16969479 | 48.103 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.256 | 16220933 | 48.184 ug/ml |
| 16) N-HEXATRIACONTANE         | 19.996 | 15296127 | 49.109 ug/ml |
| 17) N-OCTATRIACONTANE         | 20.718 | 12963440 | 43.853 ug/ml |
| 18) N-TETRACONTANE            | 21.587 | 6703158  | 22.060 ug/ml |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

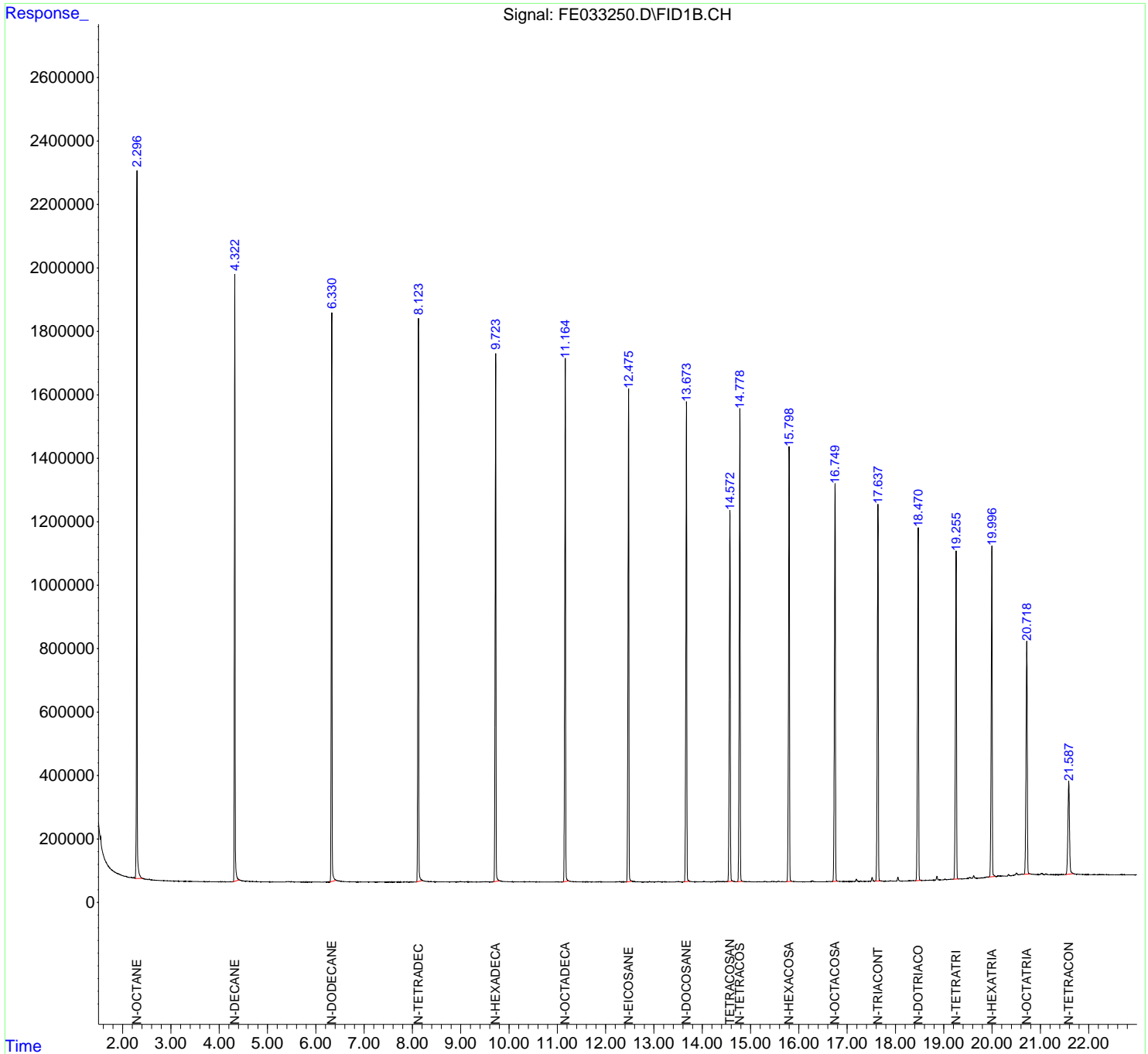
(m)=manual int.

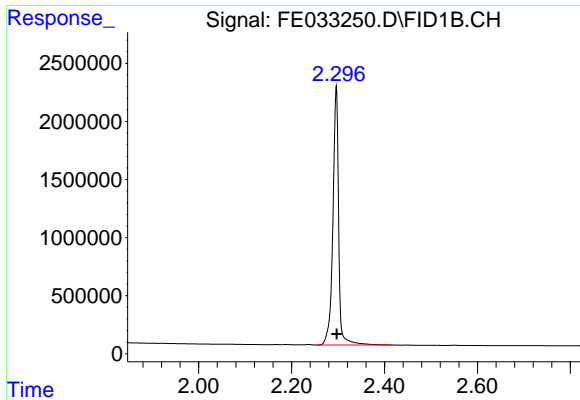
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE021921\  
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 FID\_E  
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Volume Inj. : 1uL  
 Signal Phase : Rxi-1ms  
 Signal Info : 20mx0.18mmx0.18um

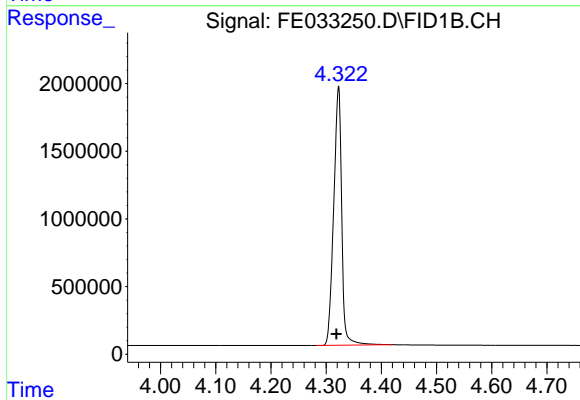




#1 N-OCTANE

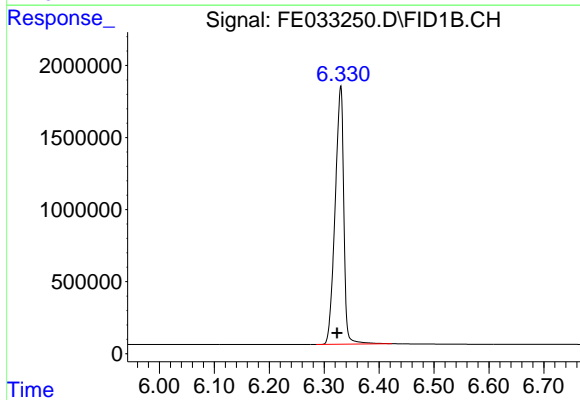
R.T.: 2.296 min  
 Delta R.T.: 0.000 min  
 Response: 19200187  
 Conc: 54.37 ug/ml

Instrument :  
 FID\_E  
 ClientSampleId :



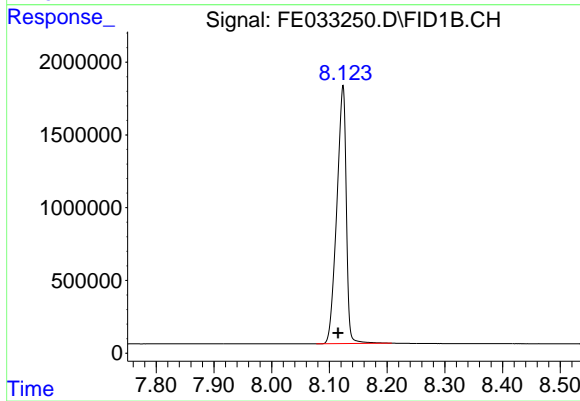
#2 N-DECANE

R.T.: 4.323 min  
 Delta R.T.: 0.004 min  
 Response: 19305796  
 Conc: 55.04 ug/ml



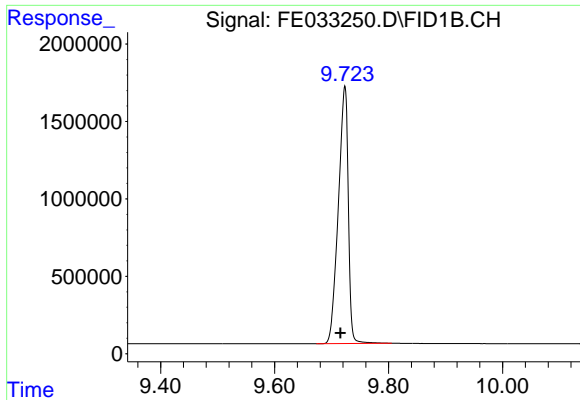
#3 N-DODECANE

R.T.: 6.330 min  
 Delta R.T.: 0.007 min  
 Response: 19633266  
 Conc: 54.75 ug/ml



#4 N-TETRADECANE

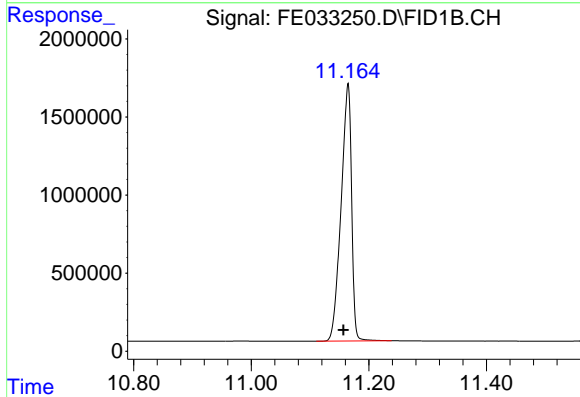
R.T.: 8.124 min  
 Delta R.T.: 0.008 min  
 Response: 20235786  
 Conc: 53.80 ug/ml



#5 N-HEXADECANE

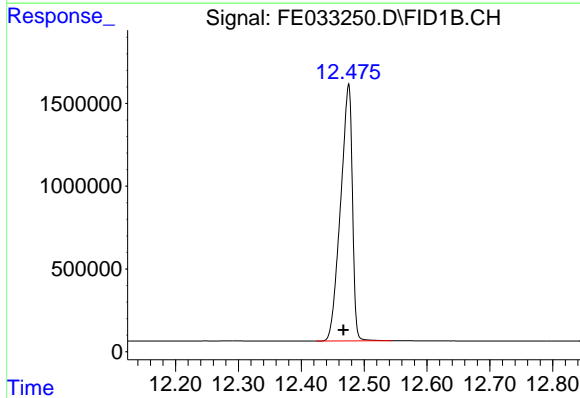
R.T.: 9.723 min  
 Delta R.T.: 0.008 min  
 Response: 20209733  
 Conc: 53.41 ug/ml

Instrument :  
 FID\_E  
 ClientSampleId :



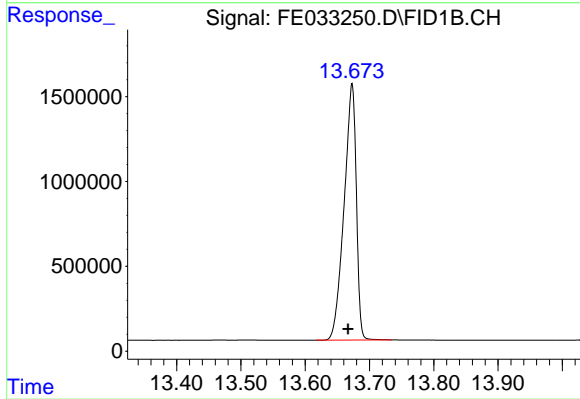
#6 N-OCTADECANE

R.T.: 11.165 min  
 Delta R.T.: 0.008 min  
 Response: 20438343  
 Conc: 52.91 ug/ml



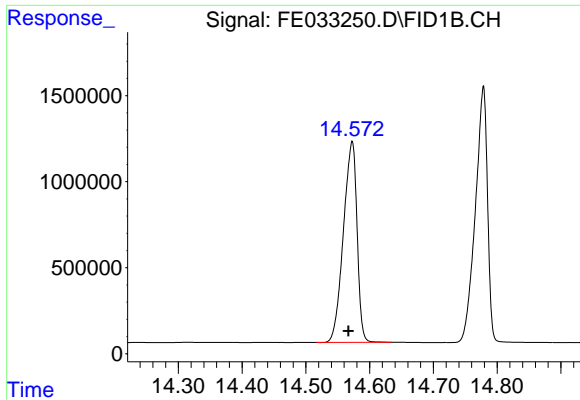
#7 N-EICOSANE

R.T.: 12.476 min  
 Delta R.T.: 0.008 min  
 Response: 20225384  
 Conc: 52.52 ug/ml



#8 N-DOCOSANE

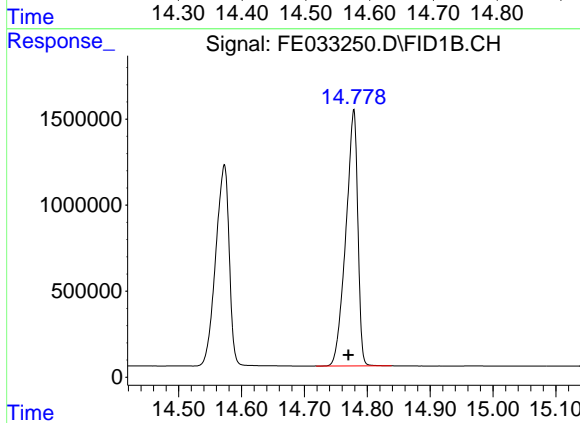
R.T.: 13.673 min  
 Delta R.T.: 0.006 min  
 Response: 19953012  
 Conc: 51.90 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

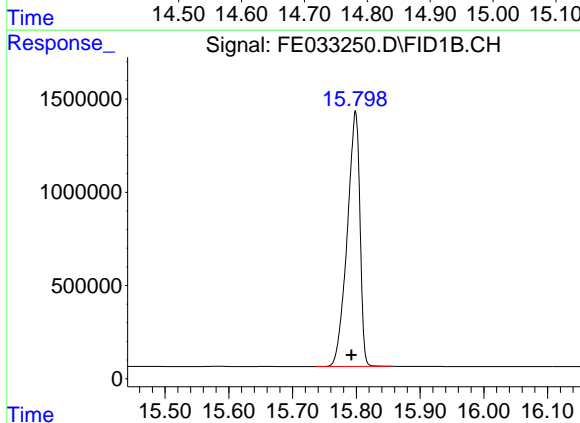
R.T.: 14.573 min  
 Delta R.T.: 0.006 min  
 Response: 17376360  
 Conc: 51.68 ug/ml

Instrument :  
 FID\_E  
 ClientSampleId :



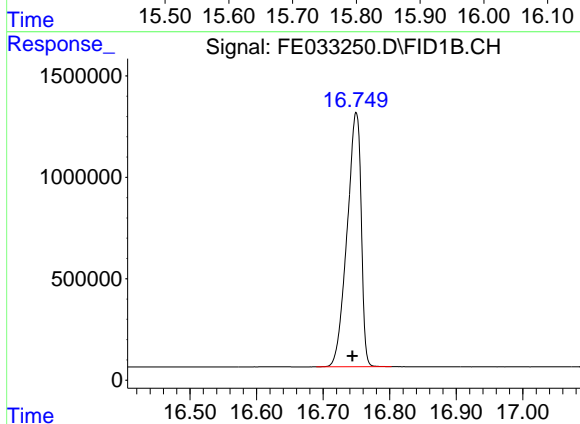
#10 N-TETRACOSANE

R.T.: 14.779 min  
 Delta R.T.: 0.009 min  
 Response: 19659339  
 Conc: 51.25 ug/ml



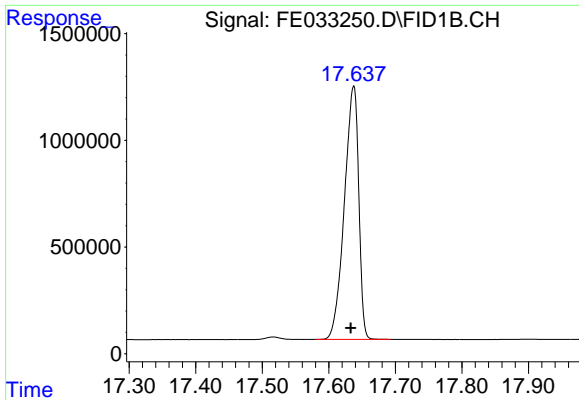
#11 N-HEXACOSANE

R.T.: 15.799 min  
 Delta R.T.: 0.006 min  
 Response: 18993222  
 Conc: 50.55 ug/ml



#12 N-OCTACOSANE

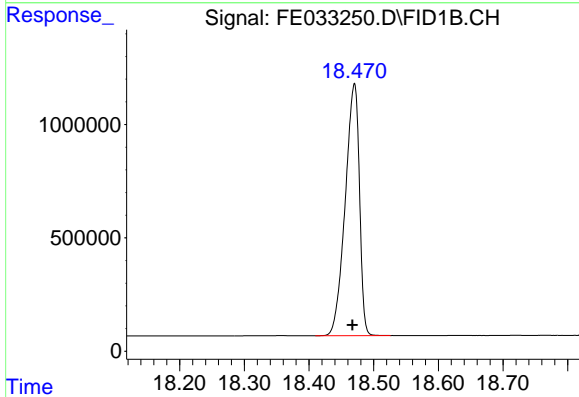
R.T.: 16.750 min  
 Delta R.T.: 0.006 min  
 Response: 18470226  
 Conc: 49.66 ug/ml



#13 N-TRIACONTANE

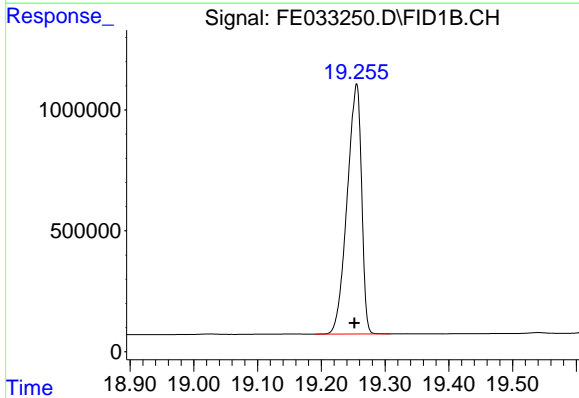
R.T.: 17.638 min  
 Delta R.T.: 0.005 min  
 Response: 17776789  
 Conc: 48.94 ug/ml

Instrument :  
 FID\_E  
 ClientSampleId :



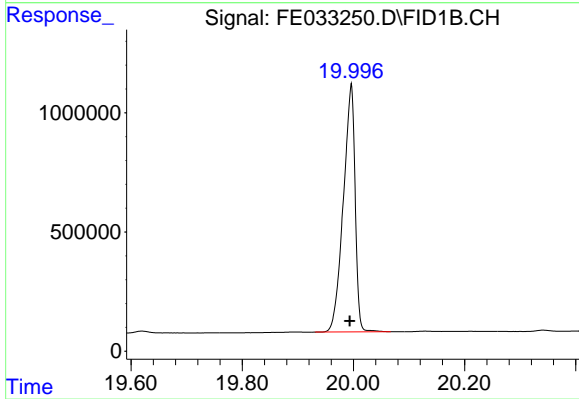
#14 N-DOTRIACONTANE

R.T.: 18.470 min  
 Delta R.T.: 0.003 min  
 Response: 16969479  
 Conc: 48.10 ug/ml



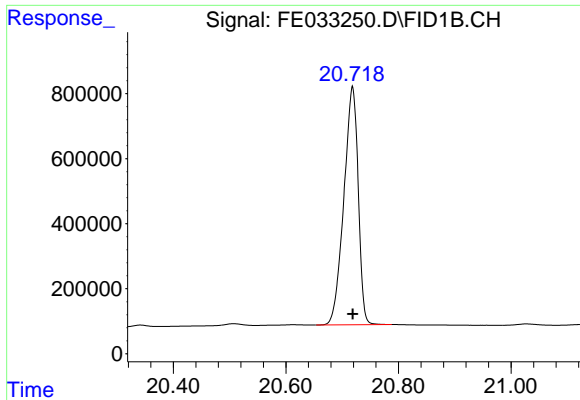
#15 N-TETRATRIACONTANE

R.T.: 19.256 min  
 Delta R.T.: 0.004 min  
 Response: 16220933  
 Conc: 48.18 ug/ml



#16 N-HEXATRIACONTANE

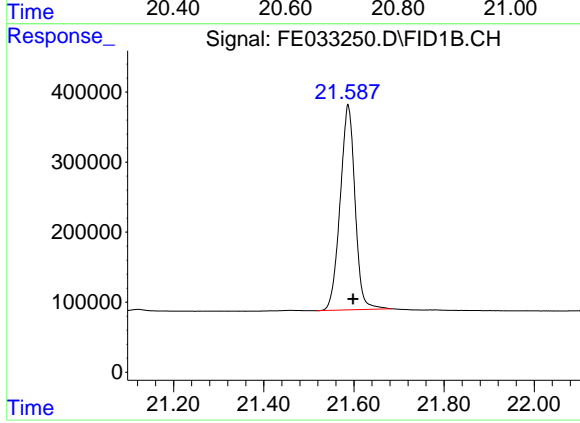
R.T.: 19.996 min  
 Delta R.T.: 0.003 min  
 Response: 15296127  
 Conc: 49.11 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.718 min  
Delta R.T.: 0.000 min  
Response: 12963440  
Conc: 43.85 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 21.587 min  
Delta R.T.: -0.011 min  
Response: 6703158  
Conc: 22.06 ug/ml