

Data Path : P:\HPCHEM1\FID\_E\Data\FE042518\  
 Data File : FE026758.D  
 Signal(s) : FID1B.CH  
 Acq On : 25 Apr 2018 21:56  
 Operator : UA/AJ  
 Sample : 4400 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Apr 26 02:38:53 2018  
 Quant Method : P:\HPCHEM1\FID\_E\methods\C44-FE042118.M  
 Quant Title :  
 QLast Update : Sat Apr 21 01:24:29 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20m x 0.18mm x 0.18um

| Compound                       | R.T.   | Response | Conc Units    |
|--------------------------------|--------|----------|---------------|
| -----                          |        |          |               |
| System Monitoring Compounds    |        |          |               |
| 13) S TETRACOSANE-d50 (SURR... | 15.315 | 9267529  | 51.711 ug/ml  |
| Target Compounds               |        |          |               |
| 1) N-OCTANE                    | 2.816  | 39303719 | 346.998 ug/ml |
| 2) N-NONANE                    | 3.885  | 43404878 | 368.191 ug/ml |
| 3) N-DECANE                    | 4.988  | 69014835 | 377.961 ug/ml |
| 4) N-UNDECANE                  | 6.043  | 75362765 | 570.261 ug/ml |
| 5) N-DODECANE                  | 7.039  | 76808557 | 565.827 ug/ml |
| 6) N-TETRADECANE               | 8.853  | 77316782 | 535.139 ug/ml |
| 7) N-HEXADECANE                | 10.465 | 64137074 | 406.397 ug/ml |
| 8) N-OCTADECANE                | 11.902 | 31250687 | 187.332 ug/ml |
| 9) N-EICOSANE                  | 13.208 | 12471748 | 72.896 ug/ml  |
| 10) N-TETRACOSANE              | 15.527 | 12754051 | 78.388 ug/ml  |
| 11) N-OCTACOSANE               | 17.502 | 6837088  | 43.111 ug/ml  |
| 12) N-DOTRIACONTANE            | 19.232 | 7055753  | 45.189 ug/ml  |
| 14) N-HEXATRIACONTANE          | 20.785 | 6919919  | 45.773 ug/ml  |
| 15) N-TETRACONTANE             | 22.874 | 6006585  | 48.174 ug/ml  |
| 16) N-TETRTETRACOOCTANE        | 26.547 | 4441539  | 44.077 ug/ml  |
| -----                          |        |          |               |

(f)=RT Delta > 1/2 Window

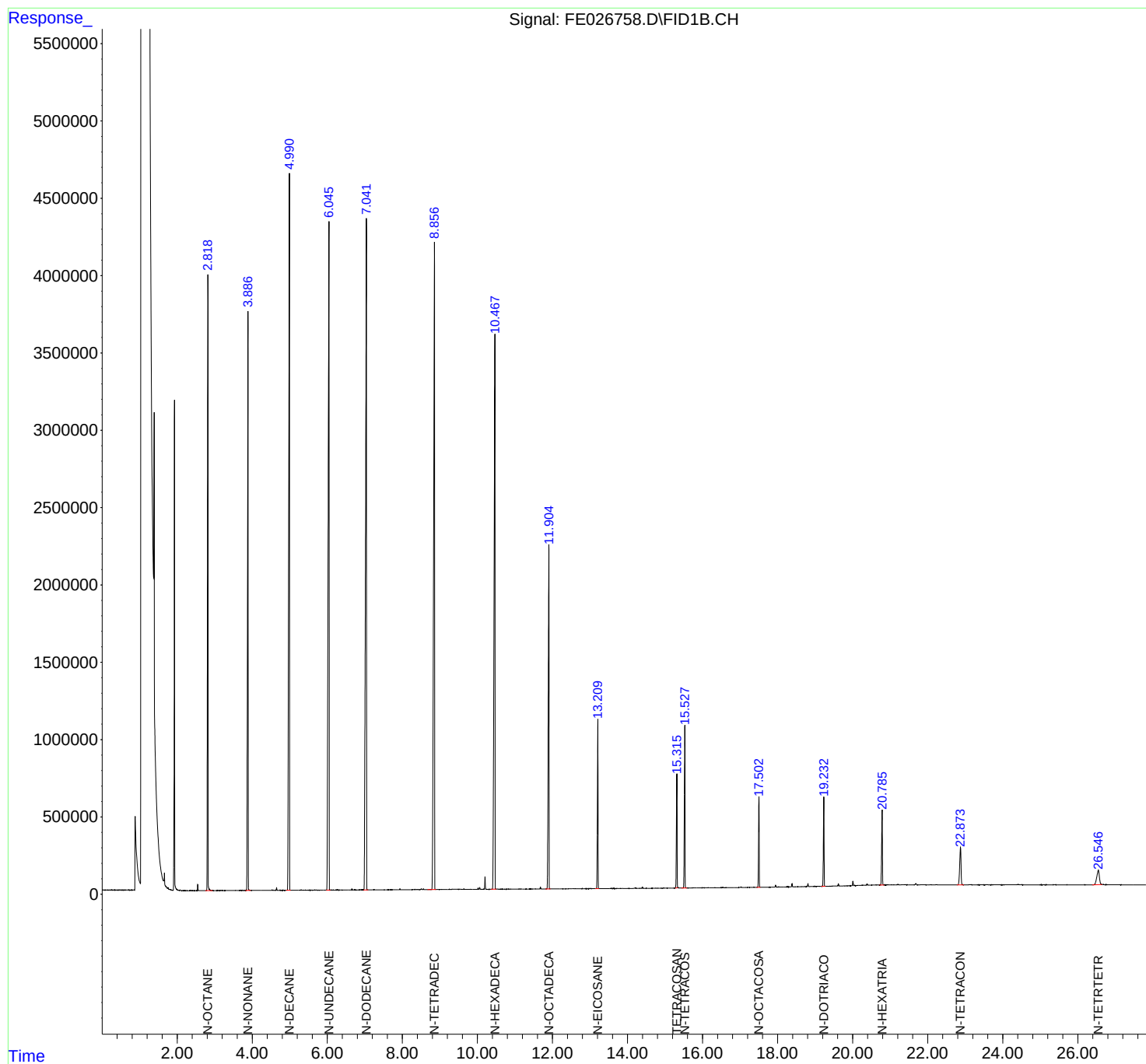
(m)=manual int.

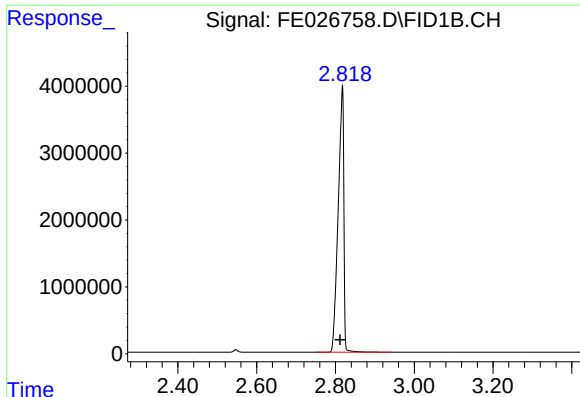
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Signal Phase : Rxi-1ms  
Signal Info : 20m x 0.18mm x 0.18um

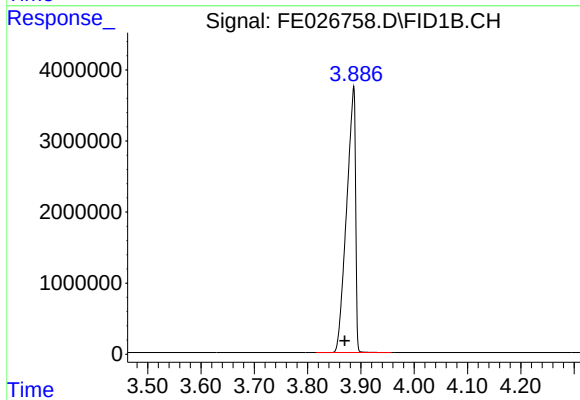




#1 N-OCTANE

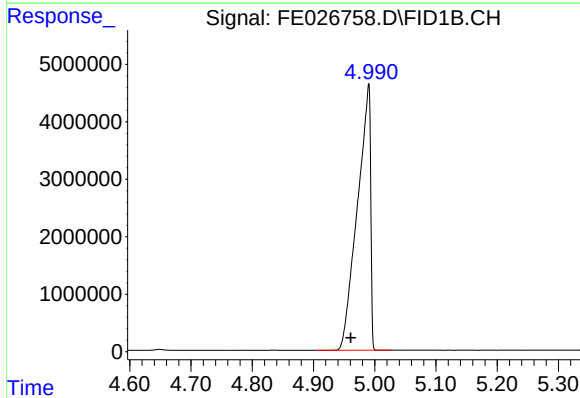
R.T.: 2.816 min  
Delta R.T.: 0.004 min  
Response: 39303719  
Conc: 347.00 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



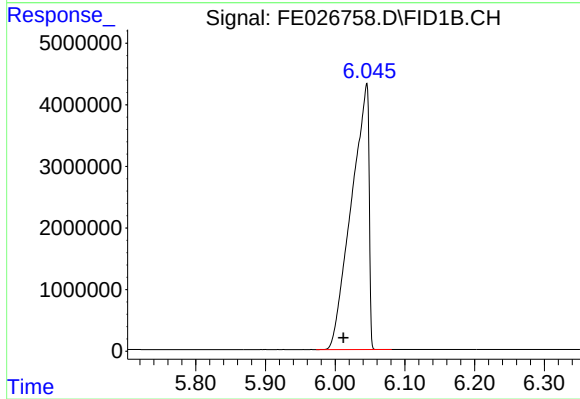
#2 N-NONANE

R.T.: 3.885 min  
Delta R.T.: 0.015 min  
Response: 43404878  
Conc: 368.19 ug/ml



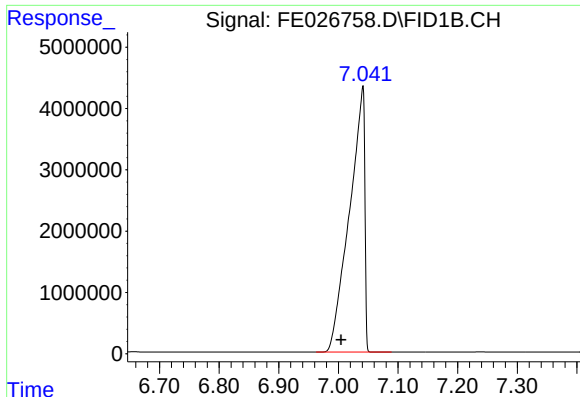
#3 N-DECANE

R.T.: 4.988 min  
Delta R.T.: 0.027 min  
Response: 69014835  
Conc: 377.96 ug/ml



#4 N-UNDECANE

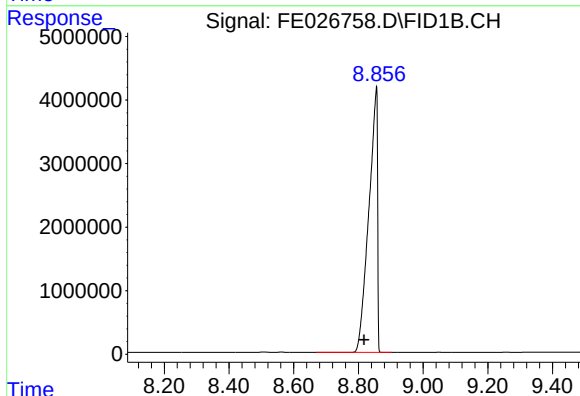
R.T.: 6.043 min  
Delta R.T.: 0.031 min  
Response: 75362765  
Conc: 570.26 ug/ml



#5 N-DODECANE

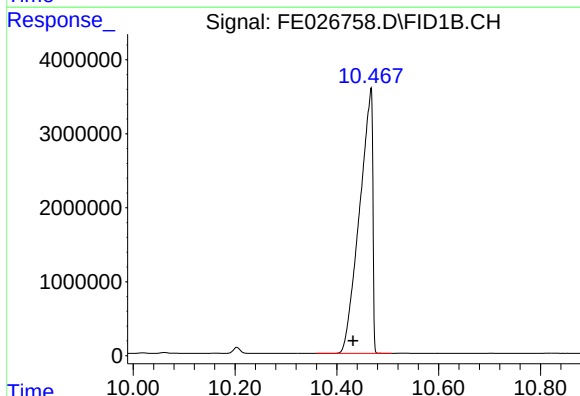
R.T.: 7.039 min  
Delta R.T.: 0.034 min  
Response: 76808557  
Conc: 565.83 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



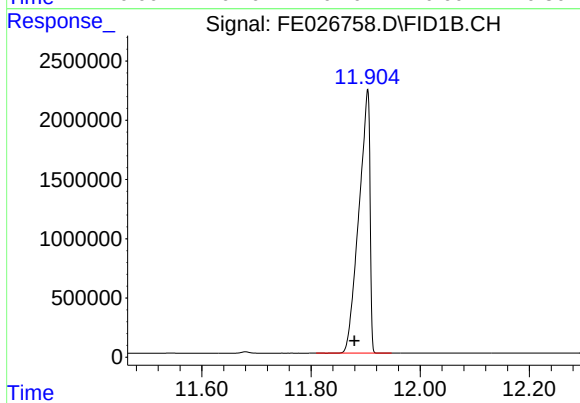
#6 N-TETRADECANE

R.T.: 8.853 min  
Delta R.T.: 0.036 min  
Response: 77316782  
Conc: 535.14 ug/ml



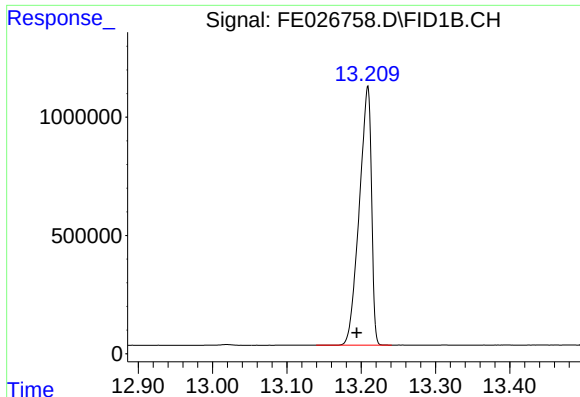
#7 N-HEXADECANE

R.T.: 10.465 min  
Delta R.T.: 0.033 min  
Response: 64137074  
Conc: 406.40 ug/ml



#8 N-OCTADECANE

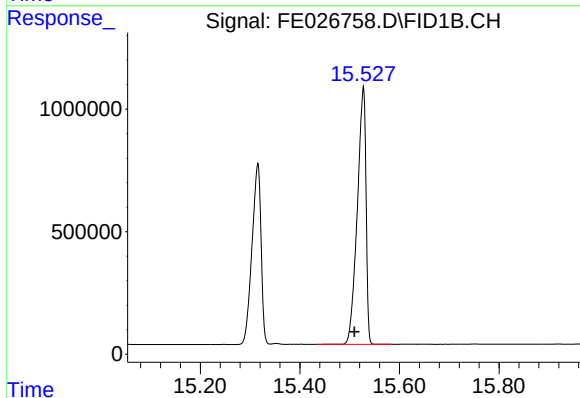
R.T.: 11.902 min  
Delta R.T.: 0.023 min  
Response: 31250687  
Conc: 187.33 ug/ml



#9 N-EICOSANE

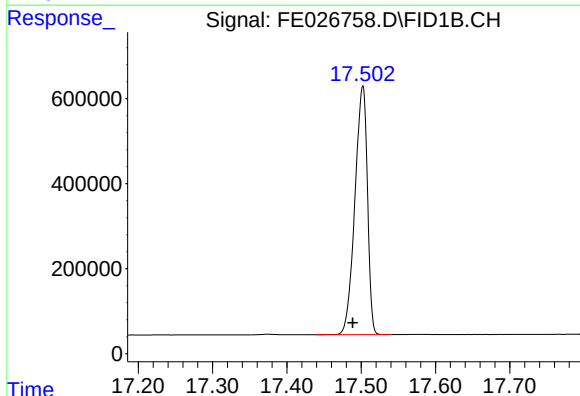
R.T.: 13.208 min  
Delta R.T.: 0.014 min  
Response: 12471748  
Conc: 72.90 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



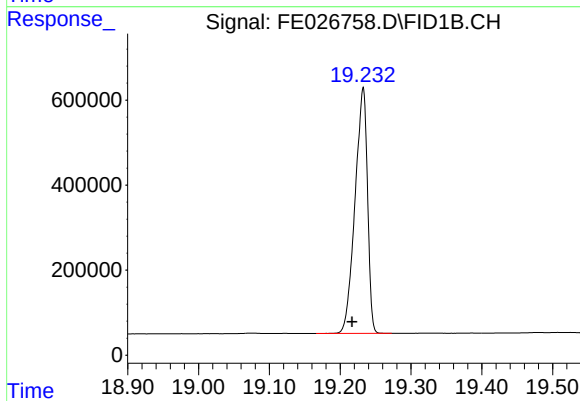
#10 N-TETRACOSANE

R.T.: 15.527 min  
Delta R.T.: 0.017 min  
Response: 12754051  
Conc: 78.39 ug/ml



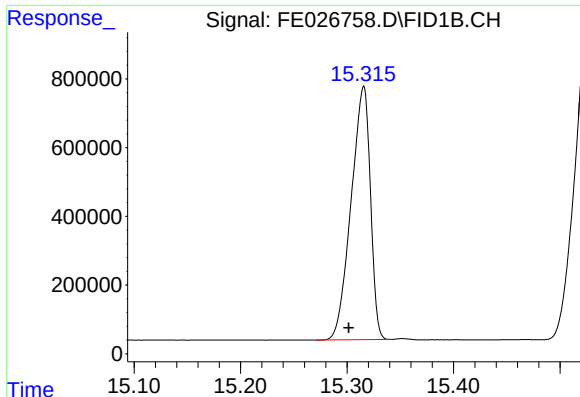
#11 N-OCTACOSANE

R.T.: 17.502 min  
Delta R.T.: 0.013 min  
Response: 6837088  
Conc: 43.11 ug/ml



#12 N-DOTRIACONTANE

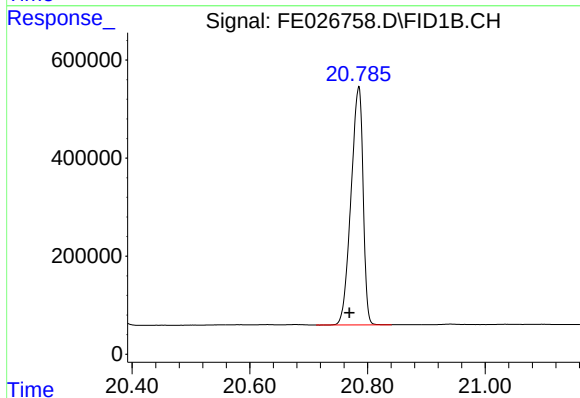
R.T.: 19.232 min  
Delta R.T.: 0.015 min  
Response: 7055753  
Conc: 45.19 ug/ml



#13 TETRACOSANE-d50 (SURROGATE)

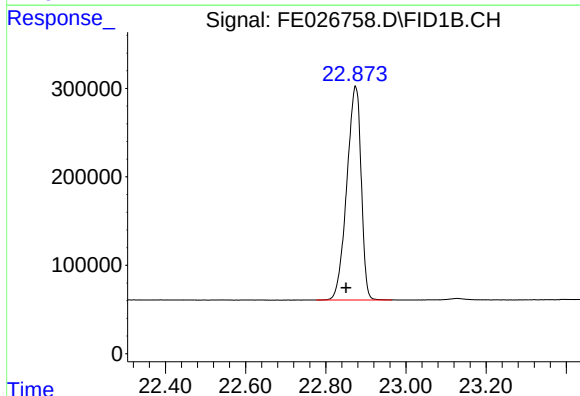
R.T.: 15.315 min  
Delta R.T.: 0.013 min  
Response: 9267529  
Conc: 51.71 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



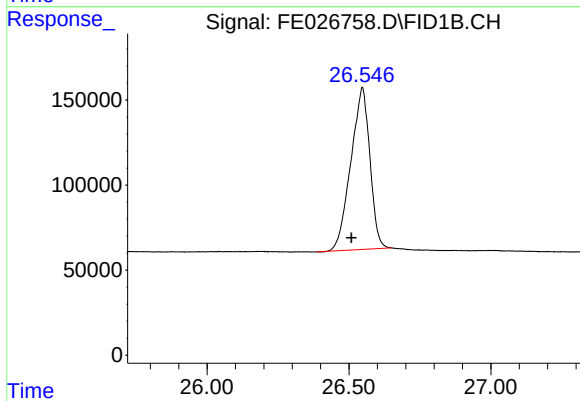
#14 N-HEXATRIACONTANE

R.T.: 20.785 min  
Delta R.T.: 0.015 min  
Response: 6919919  
Conc: 45.77 ug/ml



#15 N-TETRACONTANE

R.T.: 22.874 min  
Delta R.T.: 0.024 min  
Response: 6006585  
Conc: 48.17 ug/ml



#16 N-TETRTETRACOOCTANE

R.T.: 26.547 min  
Delta R.T.: 0.038 min  
Response: 4441539  
Conc: 44.08 ug/ml