

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE110618\  
 Data File : FE029018.D  
 Signal(s) : FID1B.CH  
 Acq On : 06 Nov 2018 10:32  
 Operator : DD\SJ  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Nov 07 08:35:14 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\FE102518.M  
 Quant Title :  
 QLast Update : Thu Oct 25 04:58:05 2018  
 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... | 14.928  | 8065562  | 46.873 ug/ml  |
| Target Compounds              |         |          |               |
| 1) N-OCTANE                   | 2.526   | 8954400  | 54.531 ug/ml  |
| 2) N-DECANE                   | 4.614   | 9693349  | 58.777 ug/ml  |
| 3) N-DODECANE                 | 6.641   | 10261528 | 59.405 ug/ml  |
| 4) N-TETRADECANE              | 8.445   | 9804544  | 53.083 ug/ml  |
| 5) N-HEXADECANE               | 10.055  | 9749408  | 50.288 ug/ml  |
| 6) N-OCTADECANE               | 11.505  | 9609695  | 47.363 ug/ml  |
| 7) N-EICOSANE                 | 12.821  | 9423039  | 46.833 ug/ml  |
| 8) N-DOCOSANE                 | 14.026  | 9572384  | 47.715 ug/ml  |
| 10) N-TETRACOSANE             | 15.136  | 9108953  | 46.915 ug/ml  |
| 11) N-HEXACOSANE              | 16.161  | 9147883  | 48.573 ug/ml  |
| 12) N-OCTACOSANE              | 17.116  | 10885851 | 59.701 ug/ml  |
| 13) N-TRIACONTANE             | 18.008  | 11110743 | 62.415 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.845  | 19322876 | 110.221 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.632  | 9910908  | 56.259 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.376  | 9657797  | 54.484 ug/ml  |
| 17) N-OCTATRIACONTANE         | 21.172  | 8381648  | 51.747 ug/ml  |
| 18) N-TETRACONTANE            | 22.175f | 7175339  | 44.573 ug/ml  |
| -----                         |         |          |               |

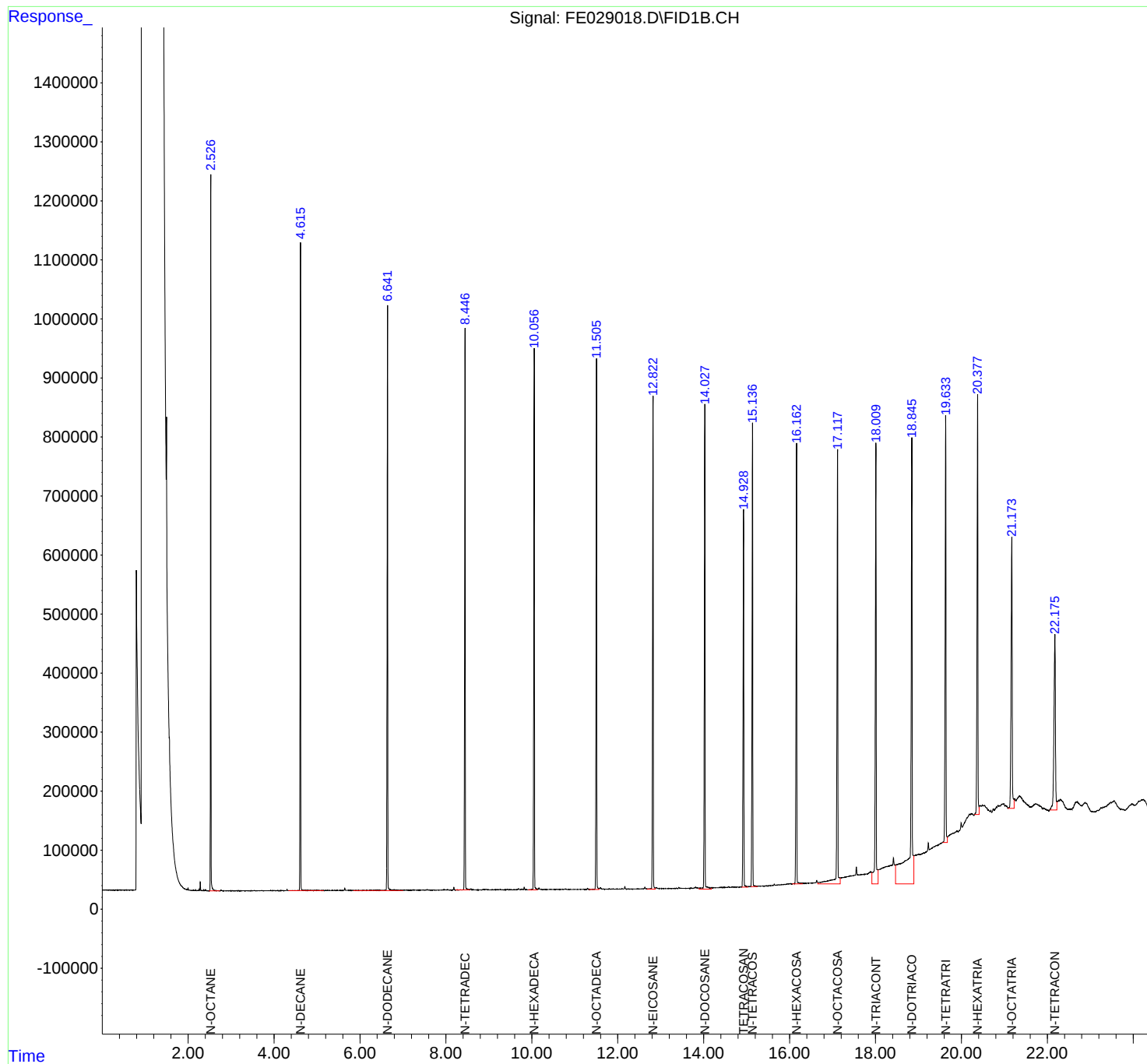
(f)=RT Delta > 1/2 Window

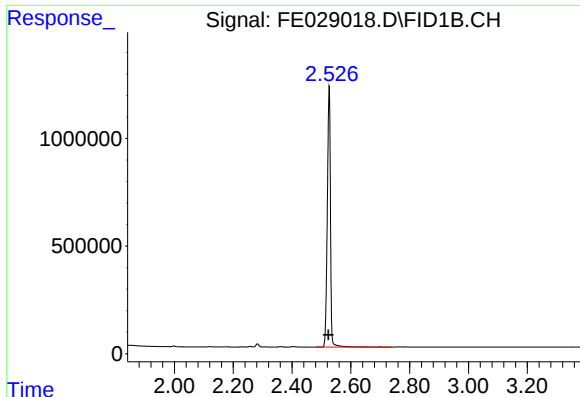
(m)=manual int.

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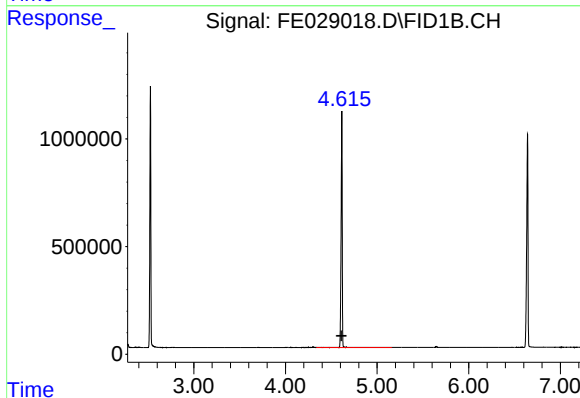
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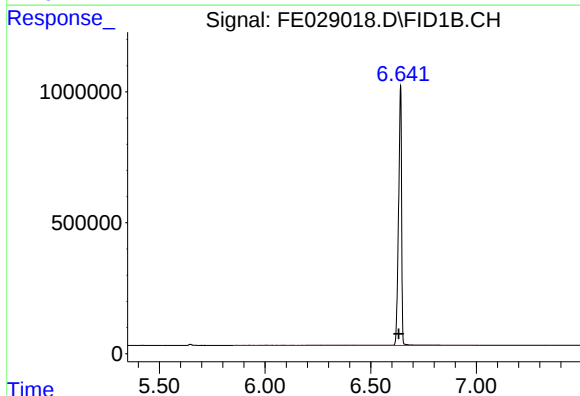
#1 N-OCTANE

R.T.: 2.526 min  
Delta R.T.: 0.002 min  
Response: 8954400  
Conc: 54.53 ug/ml



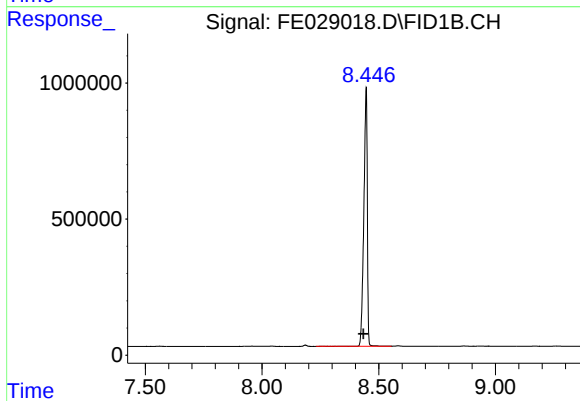
#2 N-DECANE

R.T.: 4.614 min  
Delta R.T.: 0.006 min  
Response: 9693349  
Conc: 58.78 ug/ml



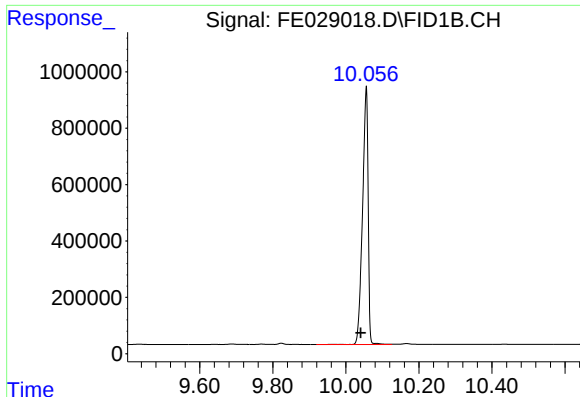
#3 N-DODECANE

R.T.: 6.641 min  
Delta R.T.: 0.008 min  
Response: 10261528  
Conc: 59.40 ug/ml



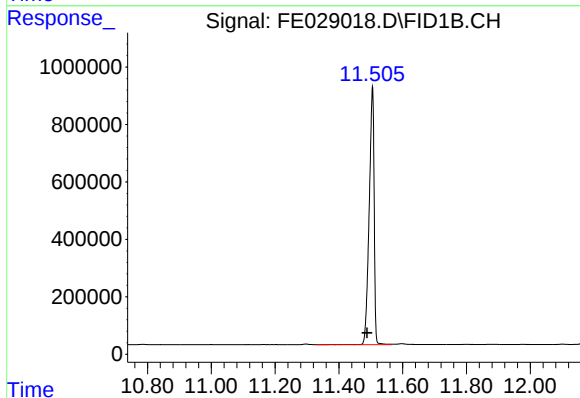
#4 N-TETRADECANE

R.T.: 8.445 min  
Delta R.T.: 0.011 min  
Response: 9804544  
Conc: 53.08 ug/ml



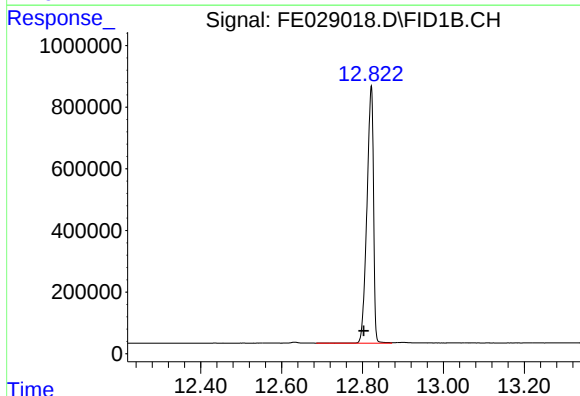
#5 N-HEXADECANE

R.T.: 10.055 min  
Delta R.T.: 0.014 min  
Response: 9749408  
Conc: 50.29 ug/ml



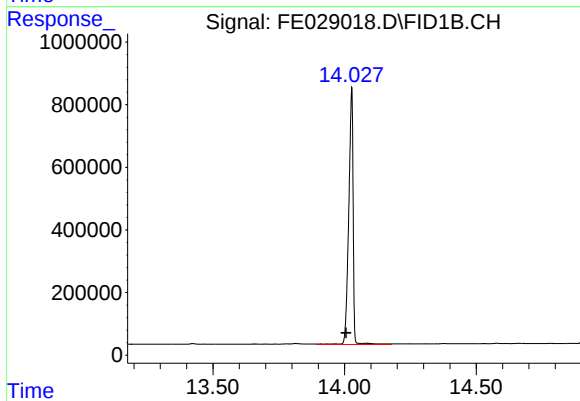
#6 N-OCTADECANE

R.T.: 11.505 min  
Delta R.T.: 0.016 min  
Response: 9609695  
Conc: 47.36 ug/ml



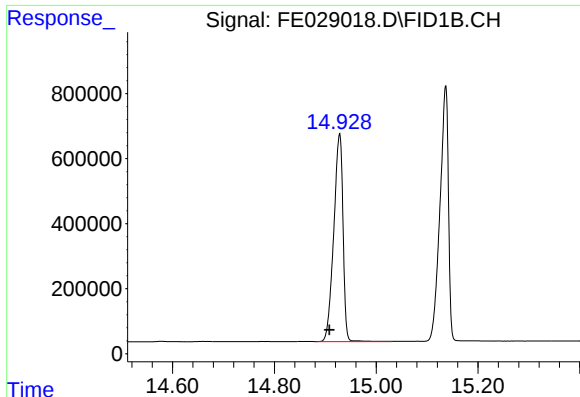
#7 N-EICOSANE

R.T.: 12.821 min  
Delta R.T.: 0.018 min  
Response: 9423039  
Conc: 46.83 ug/ml



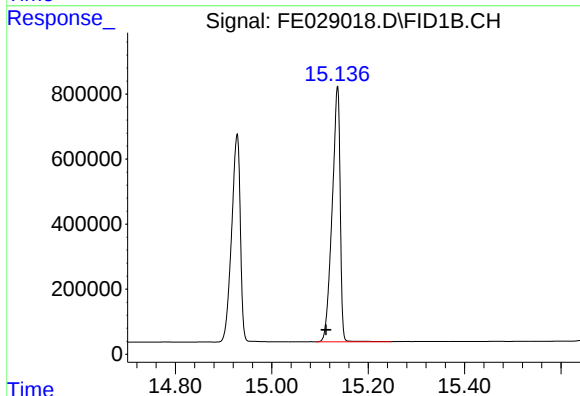
#8 N-DOCOSANE

R.T.: 14.026 min  
Delta R.T.: 0.020 min  
Response: 9572384  
Conc: 47.71 ug/ml



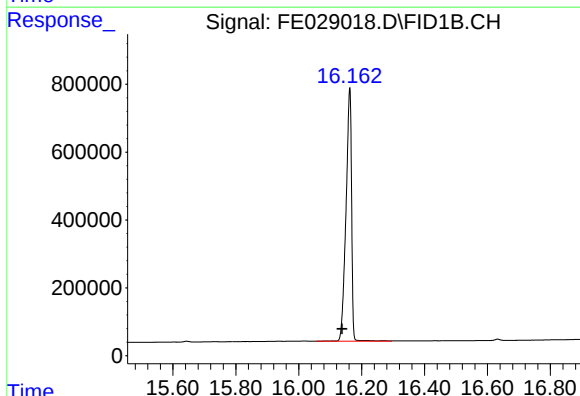
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.928 min  
Delta R.T.: 0.019 min  
Response: 8065562  
Conc: 46.87 ug/ml



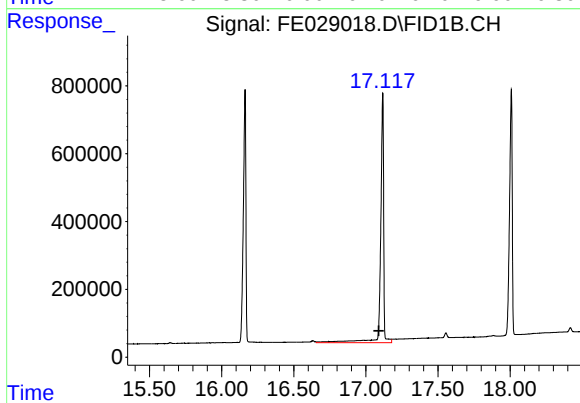
#10 N-TETRACOSANE

R.T.: 15.136 min  
Delta R.T.: 0.023 min  
Response: 9108953  
Conc: 46.91 ug/ml



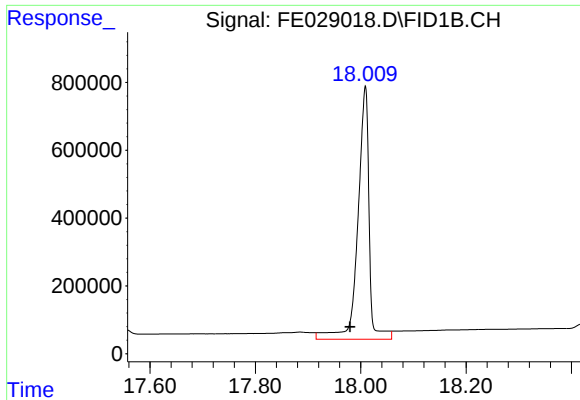
#11 N-HEXACOSANE

R.T.: 16.161 min  
Delta R.T.: 0.024 min  
Response: 9147883  
Conc: 48.57 ug/ml



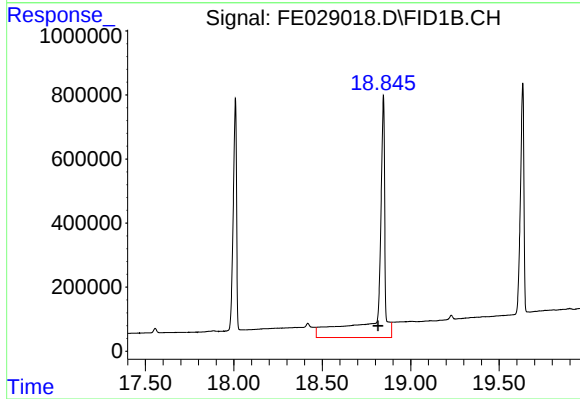
#12 N-OCTACOSANE

R.T.: 17.116 min  
Delta R.T.: 0.026 min  
Response: 10885851  
Conc: 59.70 ug/ml



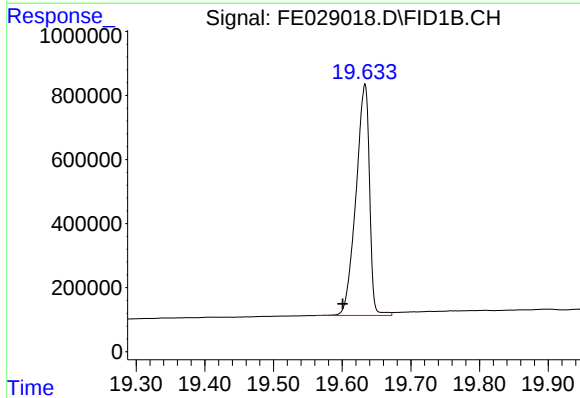
#13 N-TRIACONTANE

R.T.: 18.008 min  
Delta R.T.: 0.028 min  
Response: 11110743  
Conc: 62.42 ug/ml



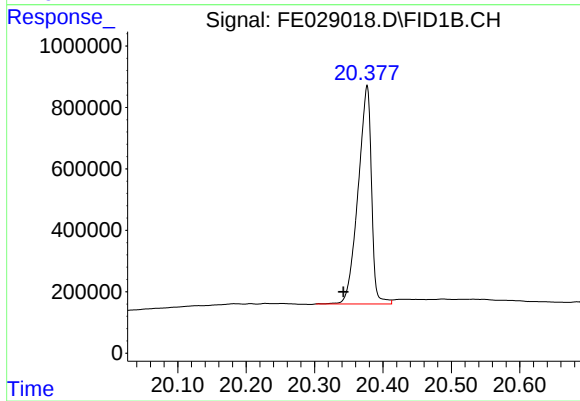
#14 N-DOTRIACONTANE

R.T.: 18.845 min  
Delta R.T.: 0.030 min  
Response: 19322876  
Conc: 110.22 ug/ml



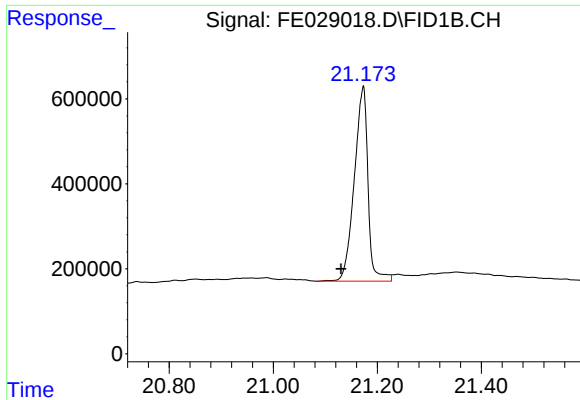
#15 N-TETRATRIACONTANE

R.T.: 19.632 min  
Delta R.T.: 0.032 min  
Response: 9910908  
Conc: 56.26 ug/ml



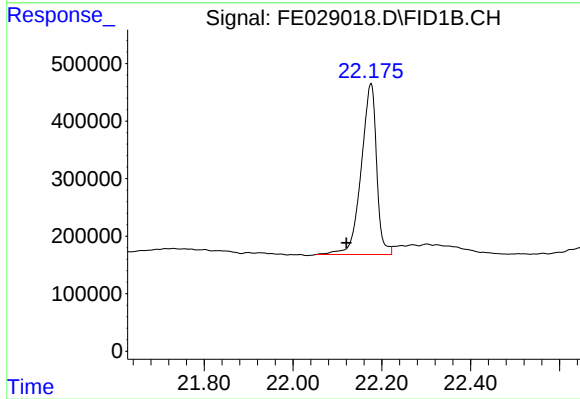
#16 N-HEXATRIACONTANE

R.T.: 20.376 min  
Delta R.T.: 0.034 min  
Response: 9657797  
Conc: 54.48 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.172 min  
Delta R.T.: 0.042 min  
Response: 8381648  
Conc: 51.75 ug/ml



#18 N-TETRACONTANE

R.T.: 22.175 min  
Delta R.T.: 0.055 min  
Response: 7175339  
Conc: 44.57 ug/ml