

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE032020\  
 Data File : FE031528.D  
 Signal(s) : FID1B.CH  
 Acq On : 20 Mar 2020 11:13  
 Operator : DD\AJ  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 20 23:24:55 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\FE031020.M  
 Quant Title :  
 QLast Update : Fri Mar 20 08:17:28 2020  
 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... | 14.441 | 18721520 | 50.725 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.166  | 19493781 | 48.958 ug/ml |
| 2) N-DECANE                   | 4.186  | 21708010 | 54.481 ug/ml |
| 3) N-DODECANE                 | 6.194  | 22342327 | 54.532 ug/ml |
| 4) N-TETRADECANE              | 7.989  | 22385957 | 53.827 ug/ml |
| 5) N-HEXADECANE               | 9.589  | 22581582 | 53.105 ug/ml |
| 6) N-OCTADECANE               | 11.032 | 22451117 | 52.424 ug/ml |
| 7) N-EICOSANE                 | 12.343 | 22129068 | 51.767 ug/ml |
| 8) N-DOCOSANE                 | 13.541 | 21808537 | 51.115 ug/ml |
| 10) N-TETRACOSANE             | 14.647 | 21460893 | 50.395 ug/ml |
| 11) N-HEXACOSANE              | 15.668 | 21000552 | 49.999 ug/ml |
| 12) N-OCTACOSANE              | 16.619 | 20956627 | 49.933 ug/ml |
| 13) N-TRIACONTANE             | 17.507 | 22731666 | 54.396 ug/ml |
| 14) N-DOTRIACONTANE           | 18.341 | 21017548 | 53.037 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.125 | 17860720 | 51.666 ug/ml |
| 16) N-HEXATRIACONTANE         | 19.863 | 19182345 | 68.667 ug/ml |
| 17) N-OCTATRIACONTANE         | 20.568 | 17407005 | 76.891 ug/ml |
| 18) N-TETRACONTANE            | 21.312 | 451501   | 2.103 ug/ml  |
| -----                         |        |          |              |

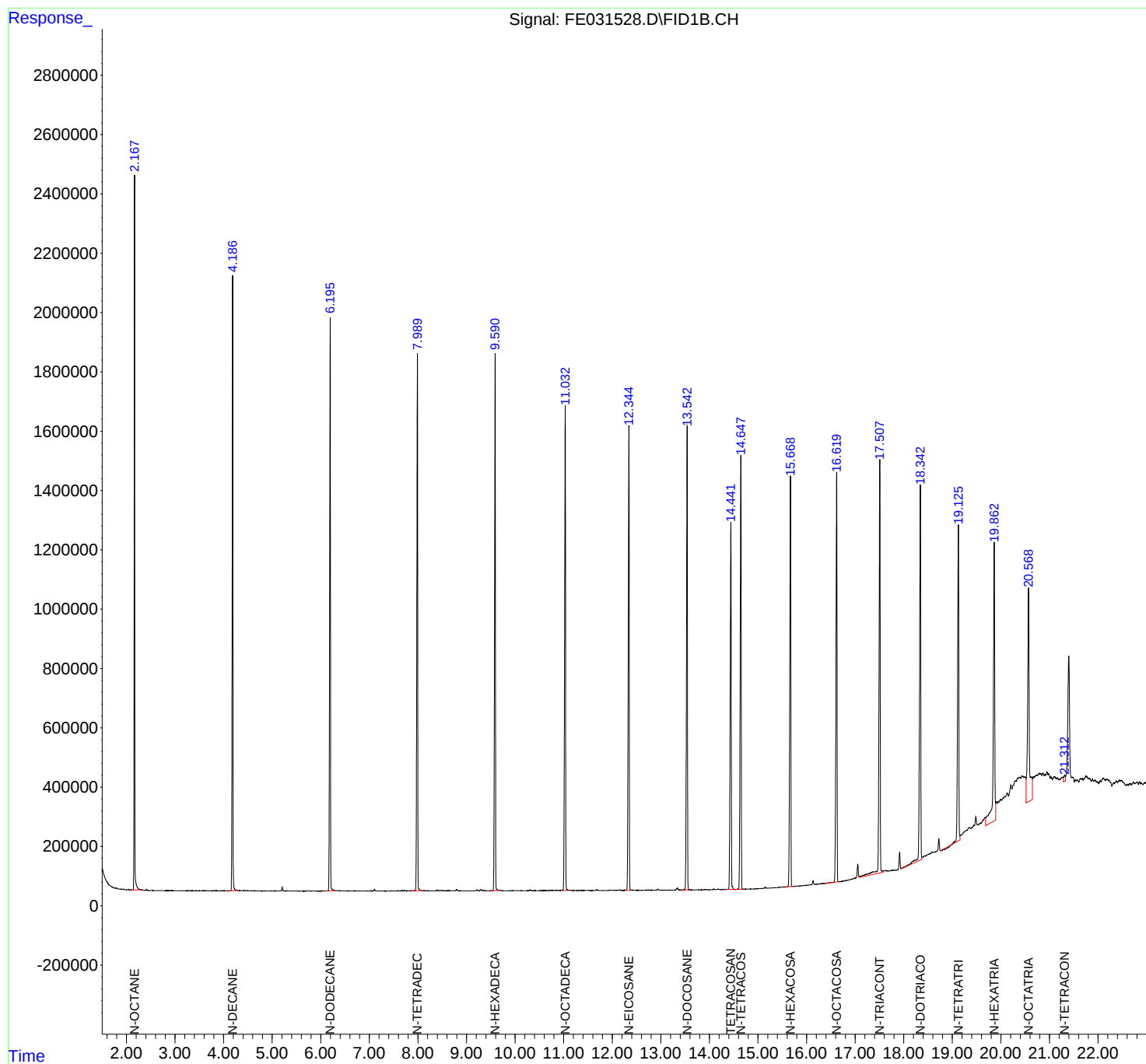
(f)=RT Delta > 1/2 Window

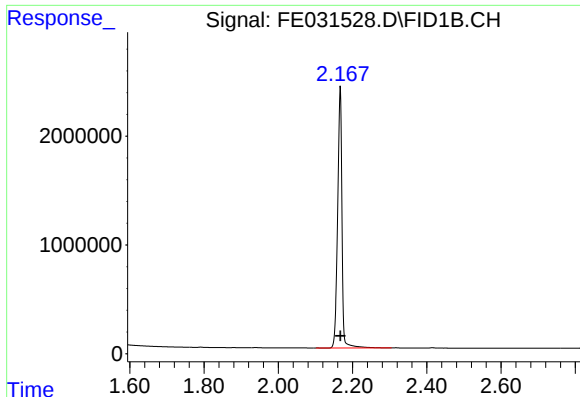
(m)=manual int.

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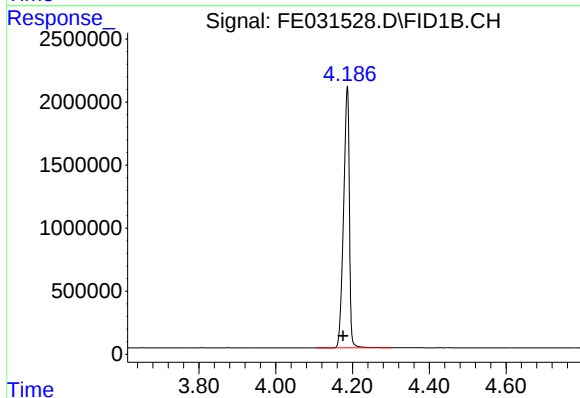
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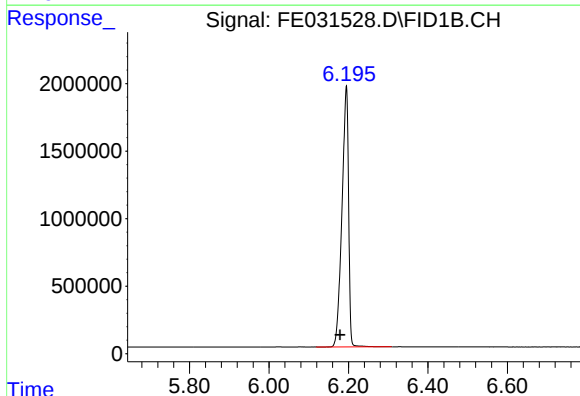
#1 N-OCTANE

R.T.: 2.166 min  
Delta R.T.: 0.000 min  
Response: 19493781  
Conc: 48.96 ug/ml



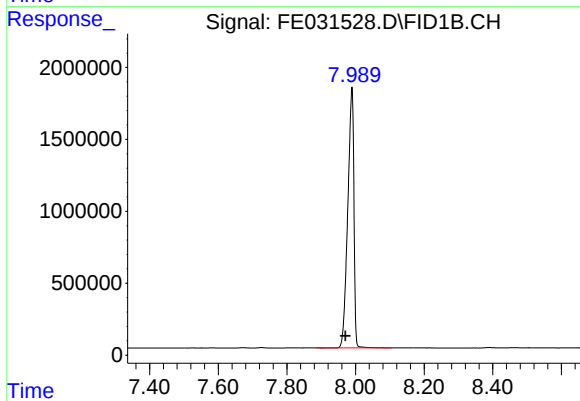
#2 N-DECANE

R.T.: 4.186 min  
Delta R.T.: 0.010 min  
Response: 21708010  
Conc: 54.48 ug/ml



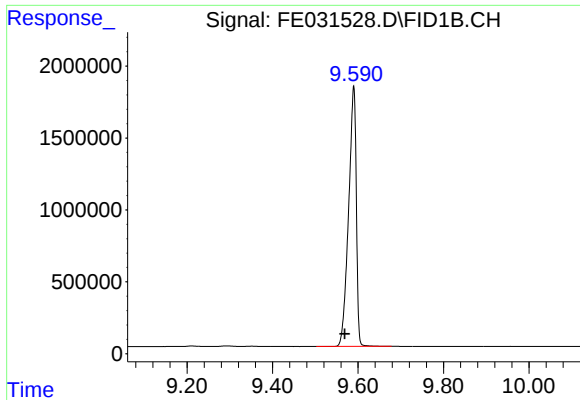
#3 N-DODECANE

R.T.: 6.194 min  
Delta R.T.: 0.015 min  
Response: 22342327  
Conc: 54.53 ug/ml



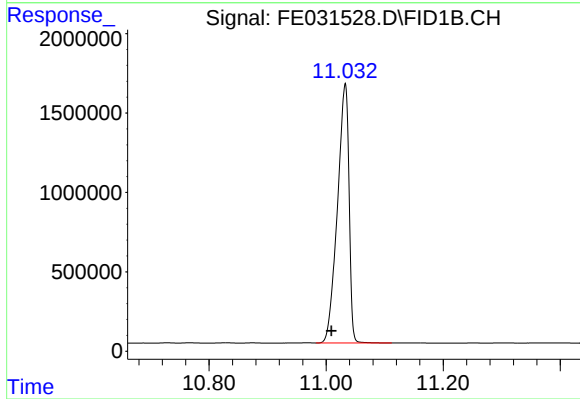
#4 N-TETRADECANE

R.T.: 7.989 min  
Delta R.T.: 0.018 min  
Response: 22385957  
Conc: 53.83 ug/ml



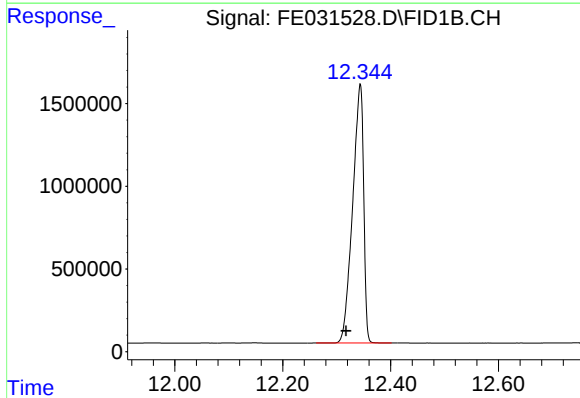
#5 N-HEXADECANE

R.T.: 9.589 min  
Delta R.T.: 0.021 min  
Response: 22581582  
Conc: 53.11 ug/ml



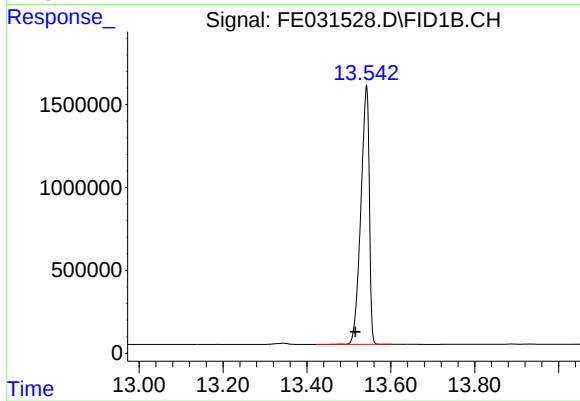
#6 N-OCTADECANE

R.T.: 11.032 min  
Delta R.T.: 0.023 min  
Response: 22451117  
Conc: 52.42 ug/ml



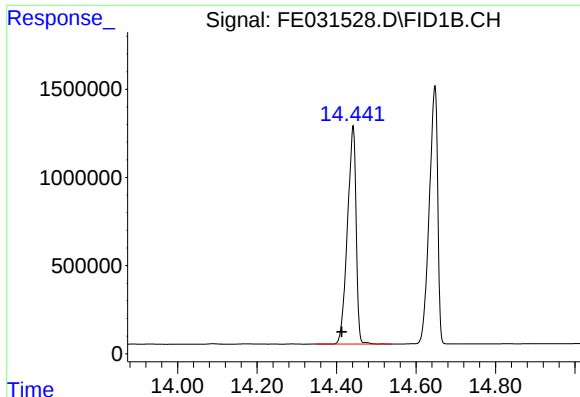
#7 N-EICOSANE

R.T.: 12.343 min  
Delta R.T.: 0.025 min  
Response: 22129068  
Conc: 51.77 ug/ml



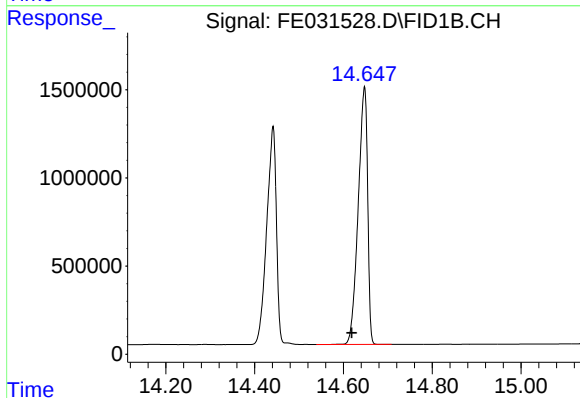
#8 N-DOCOSANE

R.T.: 13.541 min  
Delta R.T.: 0.025 min  
Response: 21808537  
Conc: 51.12 ug/ml



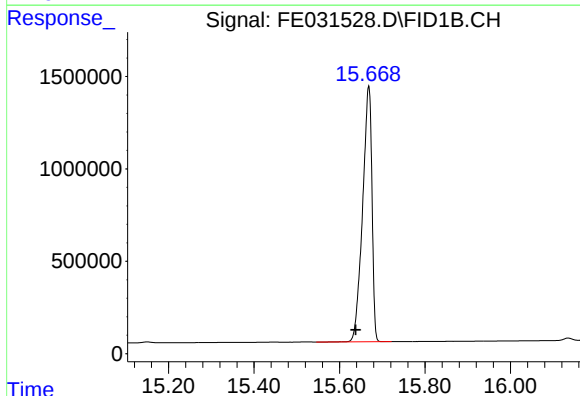
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.441 min  
Delta R.T.: 0.028 min  
Response: 18721520  
Conc: 50.73 ug/ml



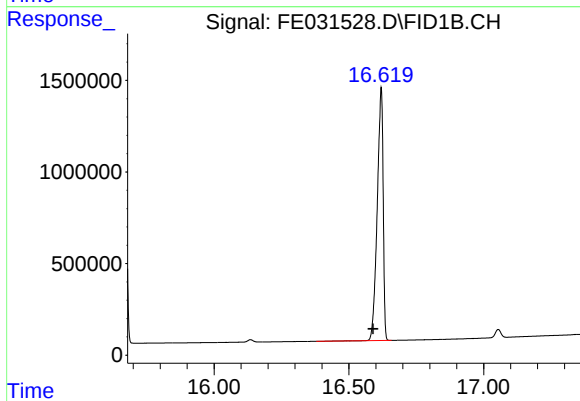
#10 N-TETRACOSANE

R.T.: 14.647 min  
Delta R.T.: 0.028 min  
Response: 21460893  
Conc: 50.39 ug/ml



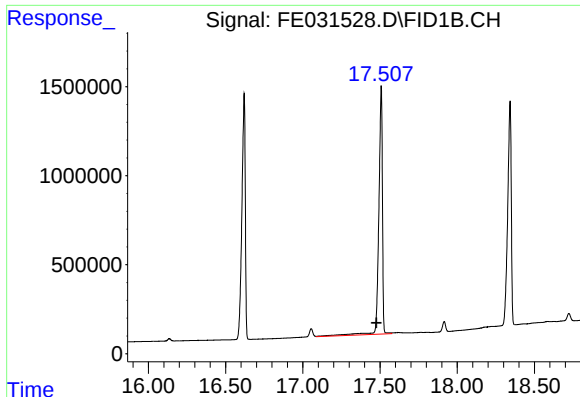
#11 N-HEXACOSANE

R.T.: 15.668 min  
Delta R.T.: 0.030 min  
Response: 21000552  
Conc: 50.00 ug/ml



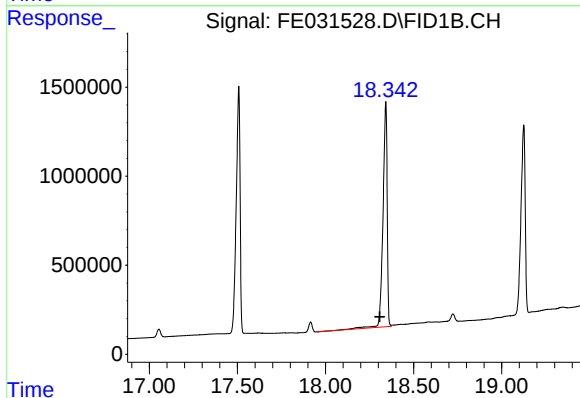
#12 N-OCTACOSANE

R.T.: 16.619 min  
Delta R.T.: 0.030 min  
Response: 20956627  
Conc: 49.93 ug/ml



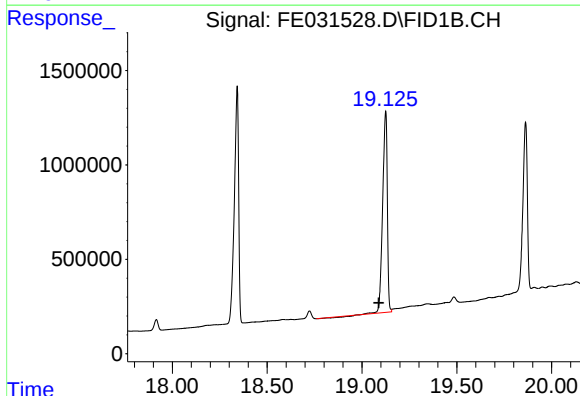
#13 N-TRIACONTANE

R.T.: 17.507 min  
Delta R.T.: 0.031 min  
Response: 22731666  
Conc: 54.40 ug/ml



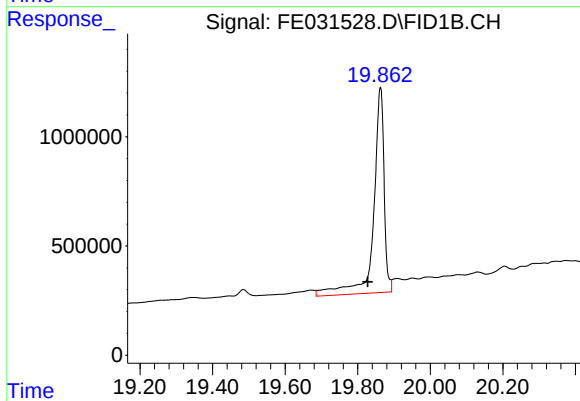
#14 N-DOTRIACONTANE

R.T.: 18.341 min  
Delta R.T.: 0.033 min  
Response: 21017548  
Conc: 53.04 ug/ml



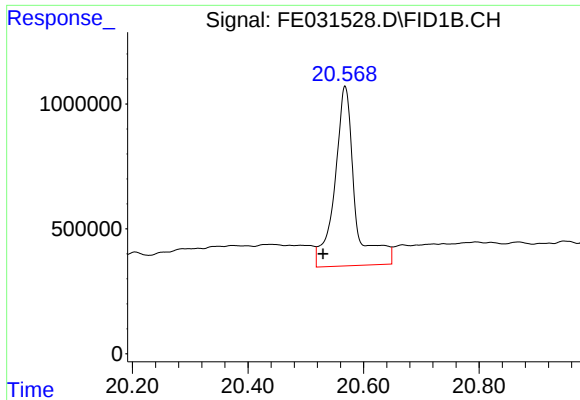
#15 N-TETRATRIACONTANE

R.T.: 19.125 min  
Delta R.T.: 0.035 min  
Response: 17860720  
Conc: 51.67 ug/ml



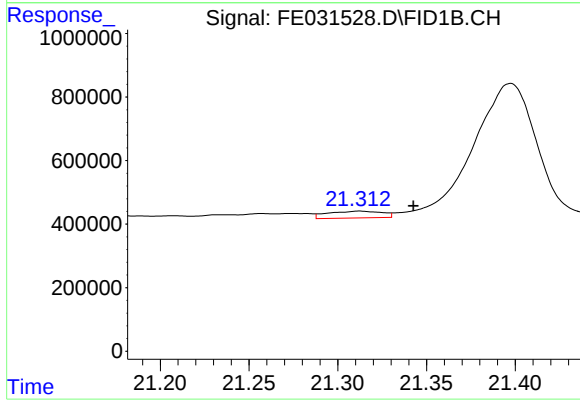
#16 N-HEXATRIACONTANE

R.T.: 19.863 min  
Delta R.T.: 0.035 min  
Response: 19182345  
Conc: 68.67 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.568 min  
Delta R.T.: 0.038 min  
Response: 17407005  
Conc: 76.89 ug/ml



#18 N-TETRACONTANE

R.T.: 21.312 min  
Delta R.T.: -0.030 min  
Response: 451501  
Conc: 2.10 ug/ml