

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE120919\  
 Data File : FE030987.D  
 Signal(s) : FID1B.CH  
 Acq On : 09 Dec 2019 11:23  
 Operator : DD\AJ  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Dec 10 00:35:55 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\FE112619.M  
 Quant Title :  
 QLast Update : Tue Nov 26 14:51:59 2019  
 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... | 14.663 | 14097526 | 46.995 ug/ml  |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.348  | 16184084 | 44.086 ug/ml  |
| 2) N-DECANE                   | 4.391  | 17317801 | 47.074 ug/ml  |
| 3) N-DODECANE                 | 6.403  | 17397727 | 47.390 ug/ml  |
| 4) N-TETRADECANE              | 8.200  | 17093386 | 46.729 ug/ml  |
| 5) N-HEXADECANE               | 9.803  | 16976406 | 46.429 ug/ml  |
| 6) N-OCTADECANE               | 11.248 | 16693999 | 46.587 ug/ml  |
| 7) N-EICOSANE                 | 12.561 | 16675620 | 46.666 ug/ml  |
| 8) N-DOCOSANE                 | 13.762 | 16416585 | 46.757 ug/ml  |
| 10) N-TETRACOSANE             | 14.869 | 16225350 | 46.391 ug/ml  |
| 11) N-HEXACOSANE              | 15.892 | 15992093 | 46.689 ug/ml  |
| 12) N-OCTACOSANE              | 16.844 | 15745281 | 46.358 ug/ml  |
| 13) N-TRIACONTANE             | 17.734 | 15546995 | 46.357 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.571 | 15005494 | 46.395 ug/mlm |
| 15) N-TETRATRIACONTANE        | 19.356 | 14844329 | 47.263 ug/mlm |
| 16) N-HEXATRIACONTANE         | 20.096 | 14285334 | 48.031 ug/mlm |
| 17) N-OCTATRIACONTANE         | 20.835 | 13709507 | 49.498 ug/mlm |
| 18) N-TETRACONTANE            | 21.744 | 14075485 | 49.752 ug/ml  |
| -----                         |        |          |               |

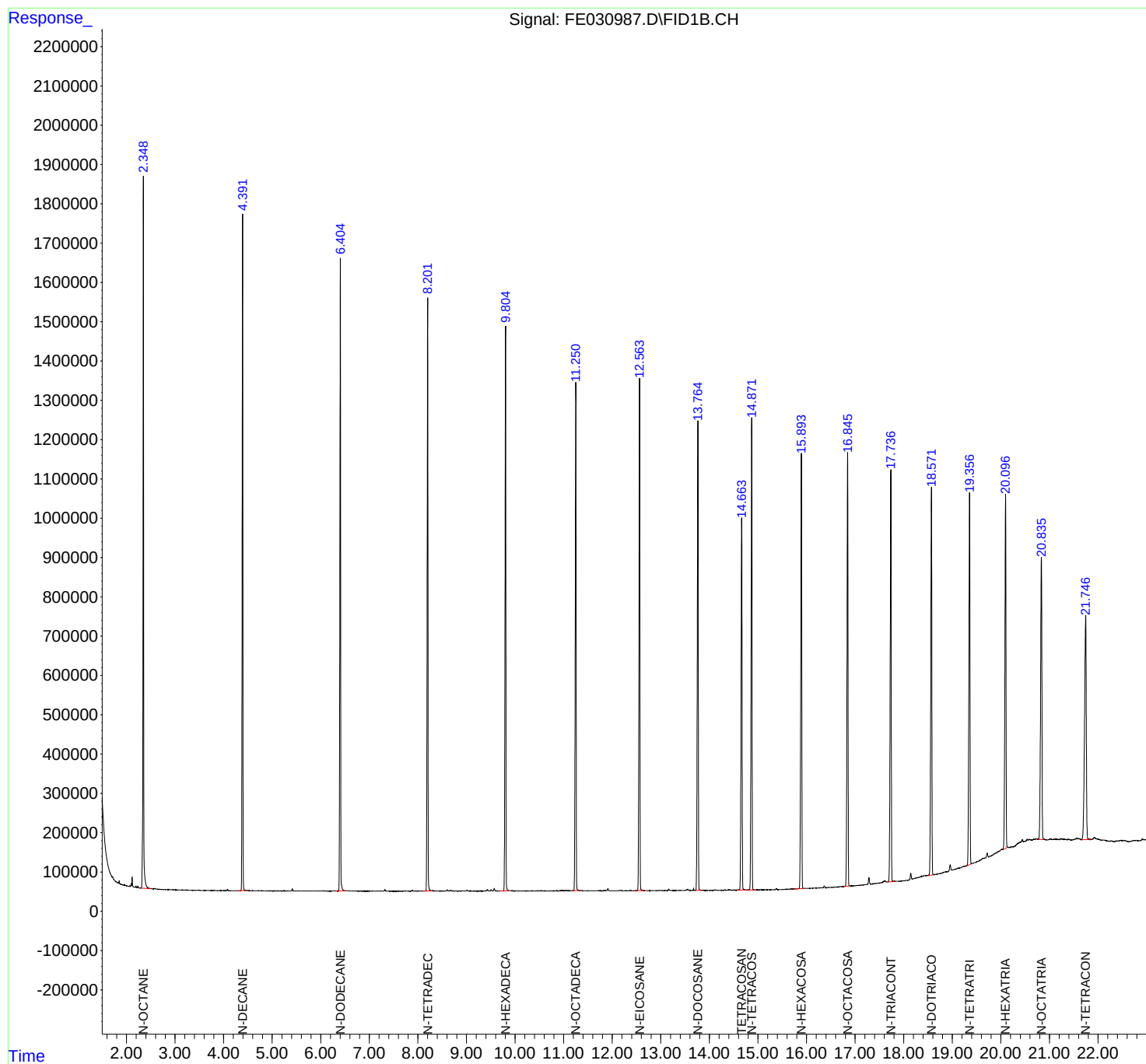
(f)=RT Delta > 1/2 Window

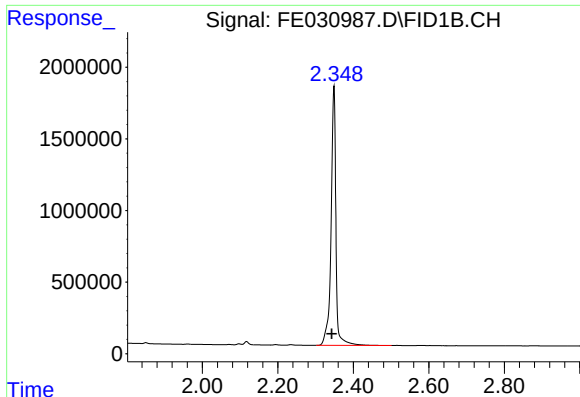
(m)=manual int.

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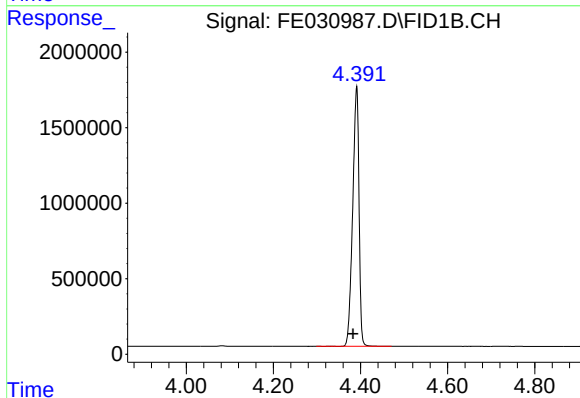
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Signal Info : 20mx0.18mmx0.18um





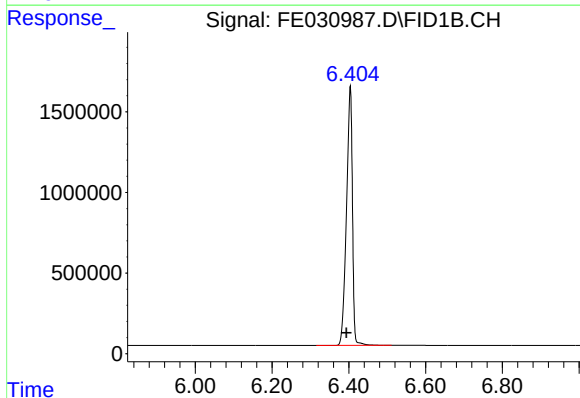
#1 N-OCTANE

R.T.: 2.348 min  
Delta R.T.: 0.005 min  
Response: 16184084  
Conc: 44.09 ug/ml



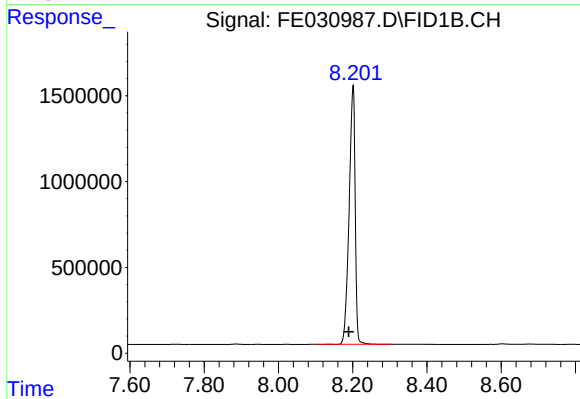
#2 N-DECANE

R.T.: 4.391 min  
Delta R.T.: 0.008 min  
Response: 17317801  
Conc: 47.07 ug/ml



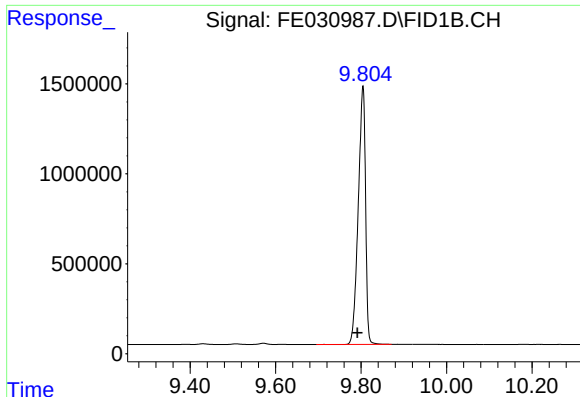
#3 N-DODECANE

R.T.: 6.403 min  
Delta R.T.: 0.010 min  
Response: 17397727  
Conc: 47.39 ug/ml



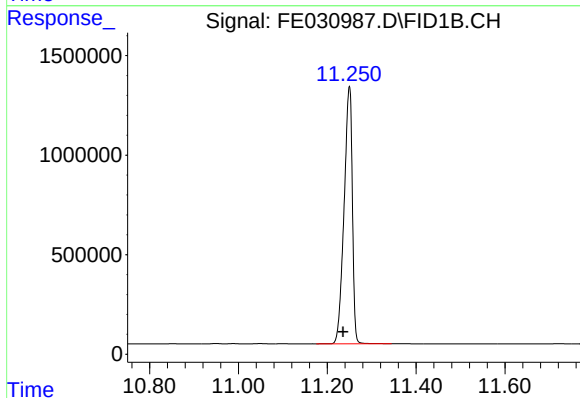
#4 N-TETRADECANE

R.T.: 8.200 min  
Delta R.T.: 0.011 min  
Response: 17093386  
Conc: 46.73 ug/ml



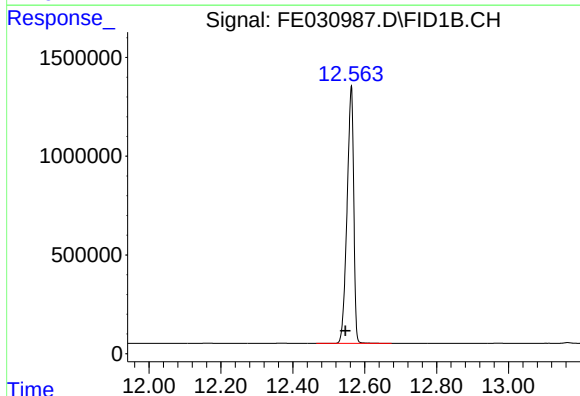
#5 N-HEXADECANE

R.T.: 9.803 min  
Delta R.T.: 0.011 min  
Response: 16976406  
Conc: 46.43 ug/ml



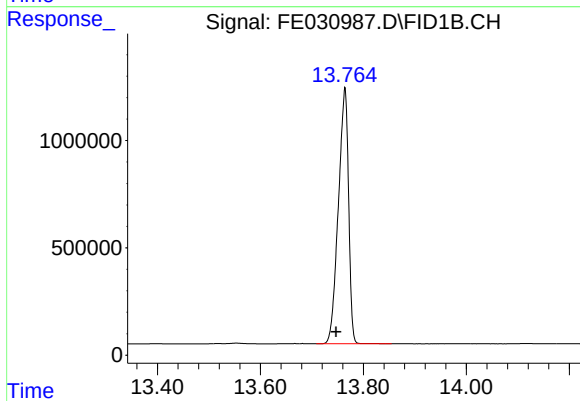
#6 N-OCTADECANE

R.T.: 11.248 min  
Delta R.T.: 0.012 min  
Response: 16693999  
Conc: 46.59 ug/ml



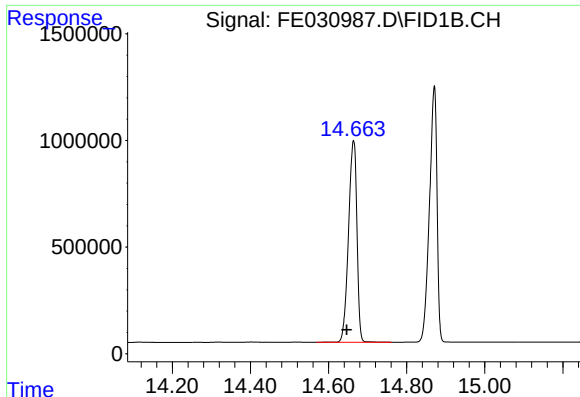
#7 N-EICOSANE

R.T.: 12.561 min  
Delta R.T.: 0.014 min  
Response: 16675620  
Conc: 46.67 ug/ml



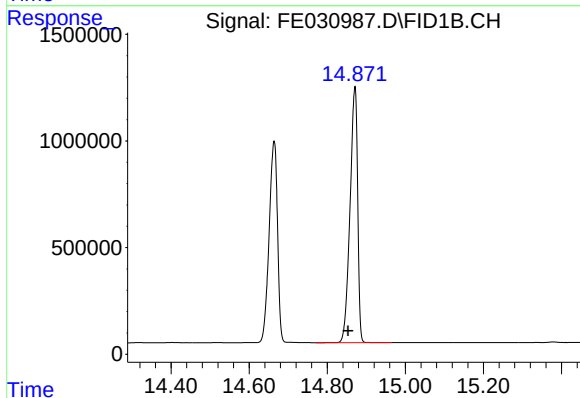
#8 N-DOCOSANE

R.T.: 13.762 min  
Delta R.T.: 0.015 min  
Response: 16416585  
Conc: 46.76 ug/ml



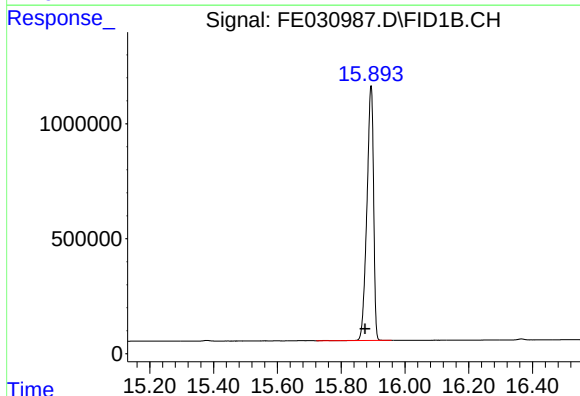
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.663 min  
Delta R.T.: 0.016 min  
Response: 14097526  
Conc: 46.99 ug/ml



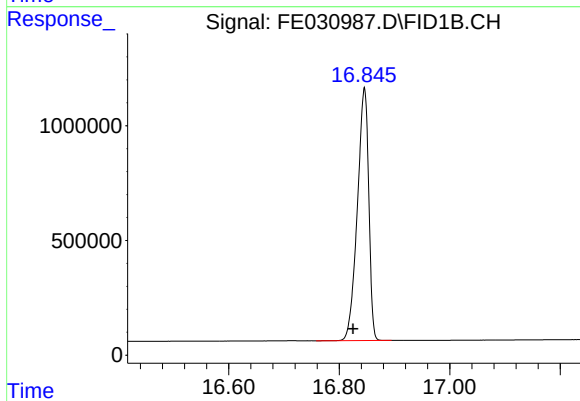
#10 N-TETRACOSANE

R.T.: 14.869 min  
Delta R.T.: 0.016 min  
Response: 16225350  
Conc: 46.39 ug/ml



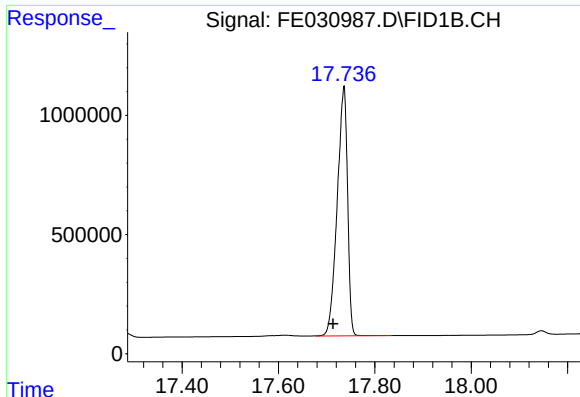
#11 N-HEXACOSANE

R.T.: 15.892 min  
Delta R.T.: 0.018 min  
Response: 15992093  
Conc: 46.69 ug/ml



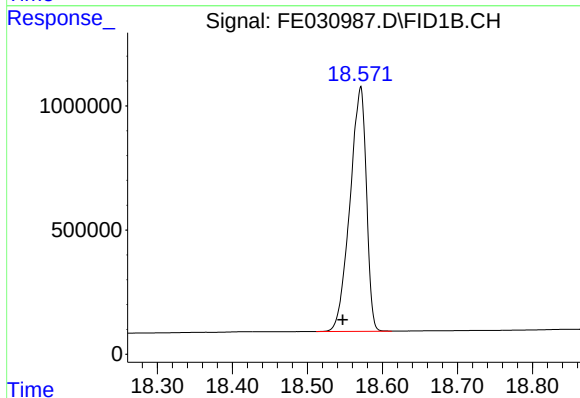
#12 N-OCTACOSANE

R.T.: 16.844 min  
Delta R.T.: 0.019 min  
Response: 15745281  
Conc: 46.36 ug/ml



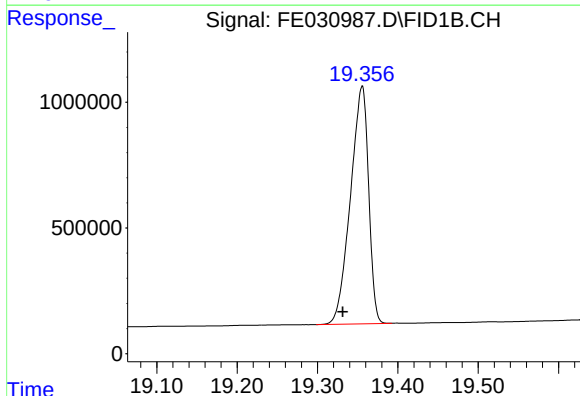
#13 N-TRIACONTANE

R.T.: 17.734 min  
Delta R.T.: 0.021 min  
Response: 15546995  
Conc: 46.36 ug/ml



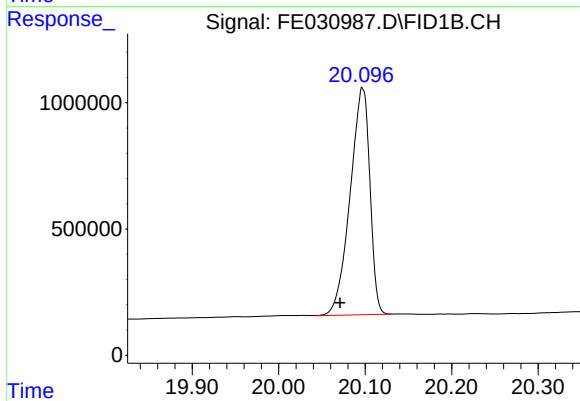
#14 N-DOTRIACONTANE

R.T.: 18.571 min  
Delta R.T.: 0.024 min  
Response: 15005494  
Conc: 46.40 ug/ml m



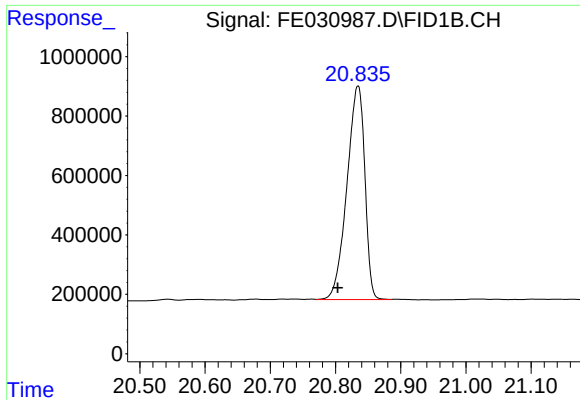
#15 N-TETRATRIACONTANE

R.T.: 19.356 min  
Delta R.T.: 0.024 min  
Response: 14844329  
Conc: 47.26 ug/ml m



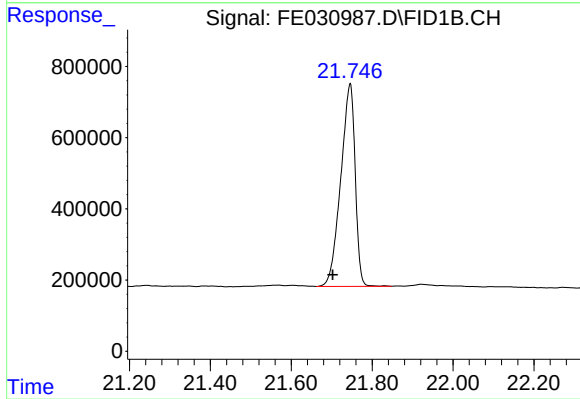
#16 N-HEXATRIACONTANE

R.T.: 20.096 min  
Delta R.T.: 0.025 min  
Response: 14285334  
Conc: 48.03 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.835 min  
Delta R.T.: 0.031 min  
Response: 13709507  
Conc: 49.50 ug/ml m



#18 N-TETRACONTANE

R.T.: 21.744 min  
Delta R.T.: 0.042 min  
Response: 14075485  
Conc: 49.75 ug/ml