

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE100819\  
 Data File : FE030684.D  
 Signal(s) : FID1B.CH  
 Acq On : 08 Oct 2019 18:09  
 Operator : DD\AJ  
 Sample : K5111-01  
 Misc : LOD-SOIL-1PPM  
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Oct 09 00:41:50 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\FE092419.M  
 Quant Title :  
 QLast Update : Wed Sep 25 02:50:34 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... | 14.664 | 6554727  | 21.143 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.369  | 432820   | 1.149 ug/ml  |
| 2) N-DECANE                   | 4.404  | 491566   | 1.288 ug/ml  |
| 3) N-DODECANE                 | 6.415  | 482412   | 1.260 ug/ml  |
| 4) N-TETRADECANE              | 8.209  | 475286   | 1.264 ug/ml  |
| 5) N-HEXADECANE               | 9.809  | 470488   | 1.260 ug/ml  |
| 6) N-OCTADECANE               | 11.251 | 460261   | 1.256 ug/ml  |
| 7) N-EICOSANE                 | 12.560 | 453405   | 1.243 ug/ml  |
| 8) N-DOCOSANE                 | 13.759 | 449060   | 1.251 ug/ml  |
| 10) N-TETRACOSANE             | 14.863 | 454492   | 1.278 ug/ml  |
| 11) N-HEXACOSANE              | 15.883 | 443623   | 1.266 ug/ml  |
| 12) N-OCTACOSANE              | 16.833 | 481747   | 1.400 ug/ml  |
| 13) N-TRIACONTANE             | 17.721 | 531111   | 1.585 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.553 | 527624   | 1.635 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.335 | 464821   | 1.489 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.074 | 387915   | 1.367 ug/ml  |
| 17) N-OCTATRIACONTANE         | 20.807 | 343332   | 1.309 ug/ml  |
| 18) N-TETRACONTANE            | 21.703 | 339884   | 1.313 ug/ml  |
| -----                         |        |          |              |

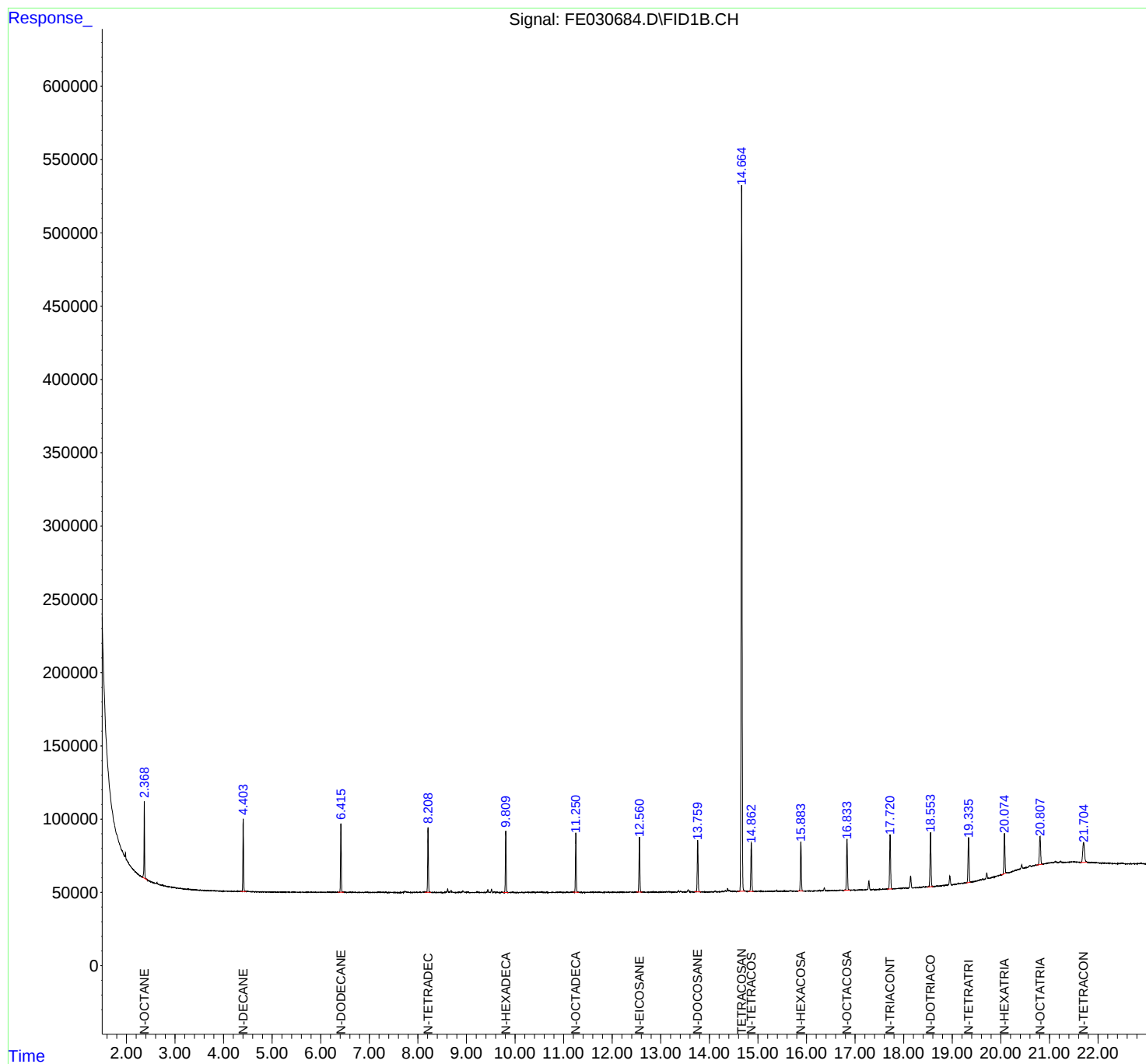
(f)=RT Delta > 1/2 Window

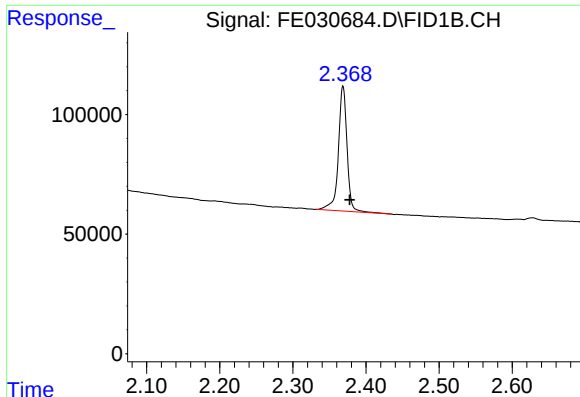
(m)=manual int.

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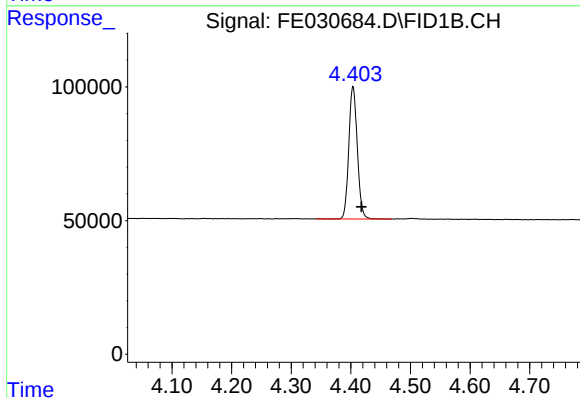
Volume Inj. : 1uL  
Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um





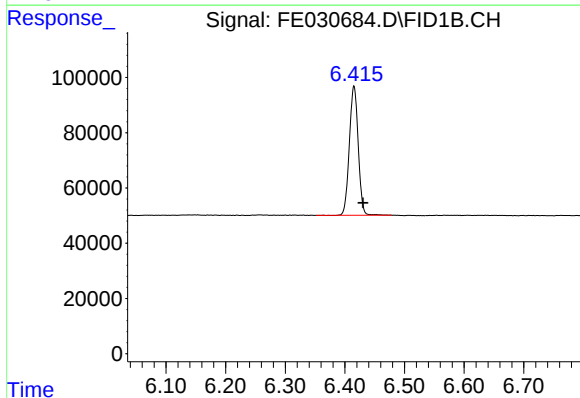
#1 N-OCTANE

R.T.: 2.369 min  
Delta R.T.: -0.009 min  
Response: 432820  
Conc: 1.15 ug/ml



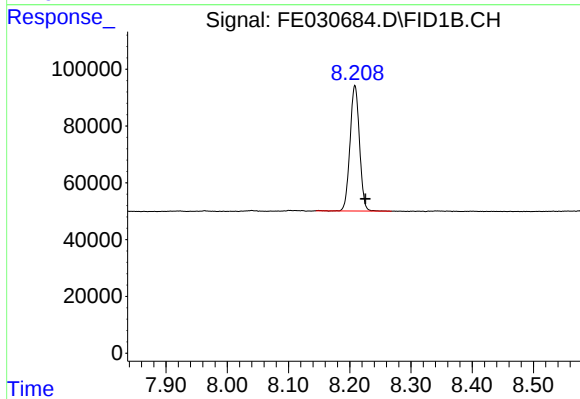
#2 N-DECANE

R.T.: 4.404 min  
Delta R.T.: -0.014 min  
Response: 491566  
Conc: 1.29 ug/ml



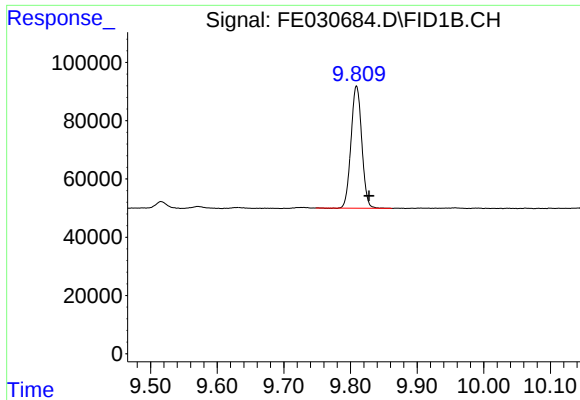
#3 N-DODECANE

R.T.: 6.415 min  
Delta R.T.: -0.015 min  
Response: 482412  
Conc: 1.26 ug/ml



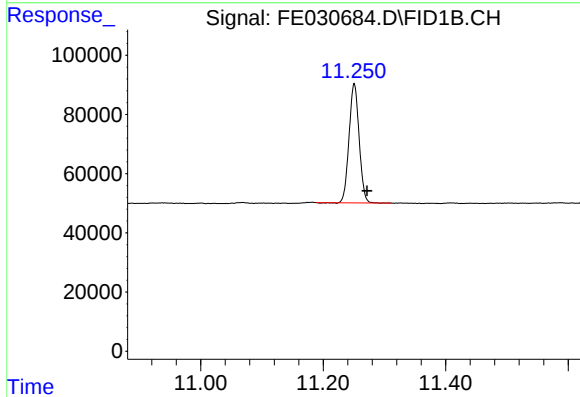
#4 N-TETRADECANE

R.T.: 8.209 min  
Delta R.T.: -0.017 min  
Response: 475286  
Conc: 1.26 ug/ml



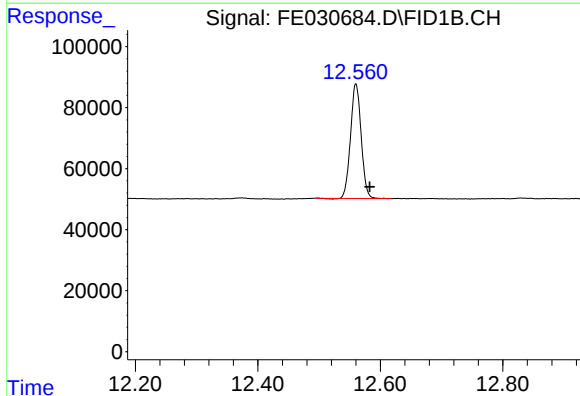
#5 N-HEXADECANE

R.T.: 9.809 min  
Delta R.T.: -0.019 min  
Response: 470488  
Conc: 1.26 ug/ml



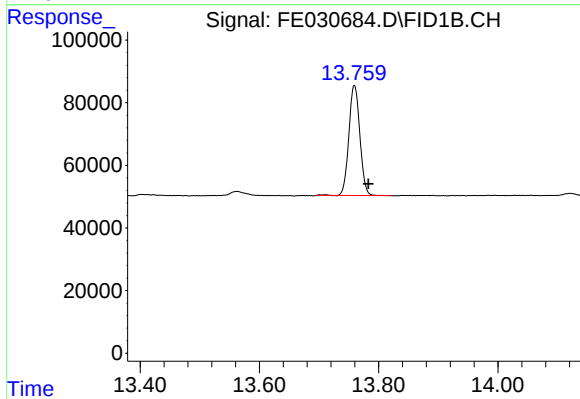
#6 N-OCTADECANE

R.T.: 11.251 min  
Delta R.T.: -0.021 min  
Response: 460261  
Conc: 1.26 ug/ml



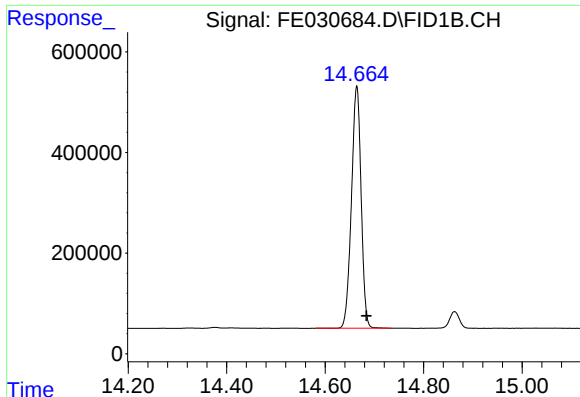
#7 N-EICOSANE

R.T.: 12.560 min  
Delta R.T.: -0.022 min  
Response: 453405  
Conc: 1.24 ug/ml



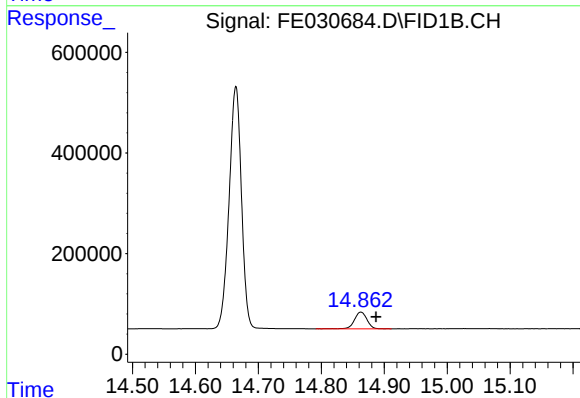
#8 N-DOCOSANE

R.T.: 13.759 min  
Delta R.T.: -0.024 min  
Response: 449060  
Conc: 1.25 ug/ml



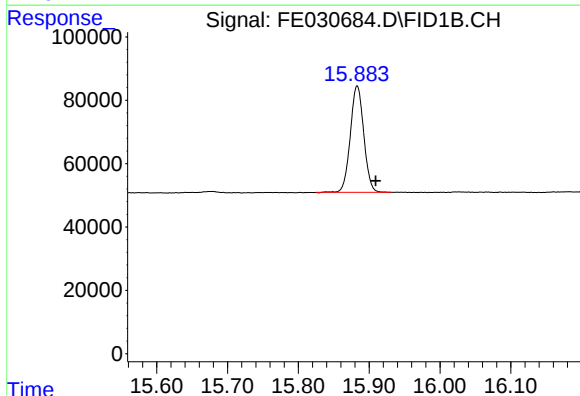
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.664 min  
Delta R.T.: -0.019 min  
Response: 6554727  
Conc: 21.14 ug/ml



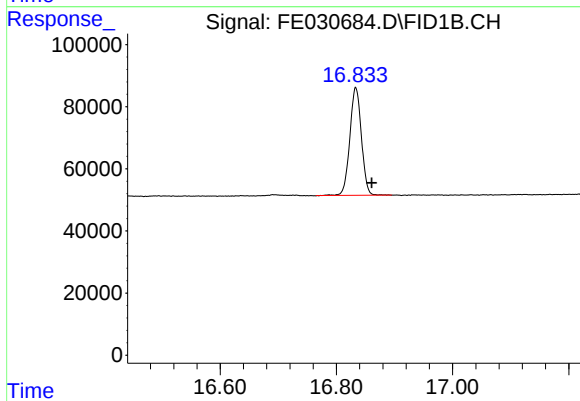
#10 N-TETRACOSANE

R.T.: 14.863 min  
Delta R.T.: -0.024 min  
Response: 454492  
Conc: 1.28 ug/ml



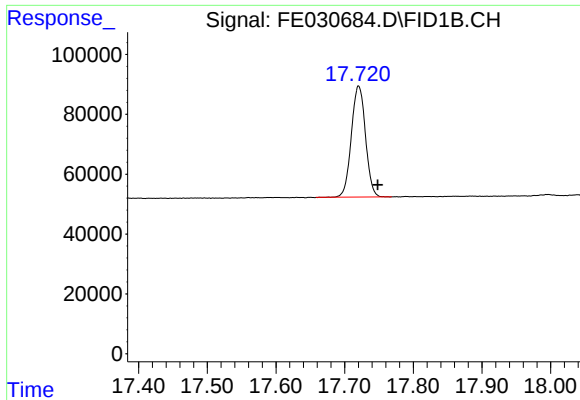
#11 N-HEXACOSANE

R.T.: 15.883 min  
Delta R.T.: -0.026 min  
Response: 443623  
Conc: 1.27 ug/ml



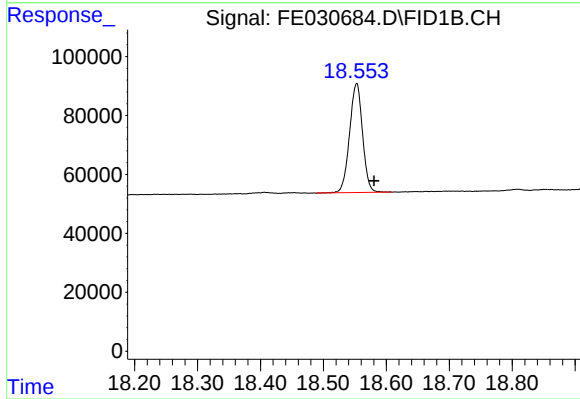
#12 N-OCTACOSANE

R.T.: 16.833 min  
Delta R.T.: -0.027 min  
Response: 481747  
Conc: 1.40 ug/ml



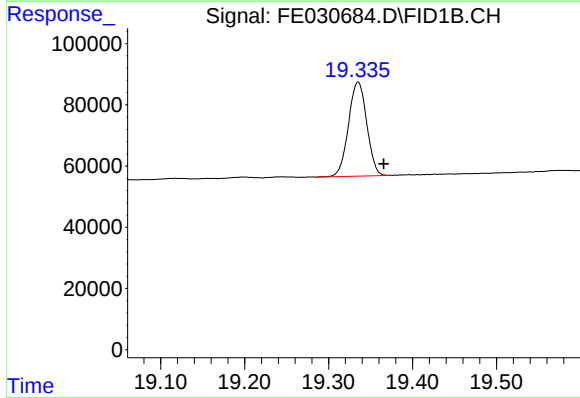
#13 N-TRIACONTANE

R.T.: 17.721 min  
Delta R.T.: -0.028 min  
Response: 531111  
Conc: 1.58 ug/ml



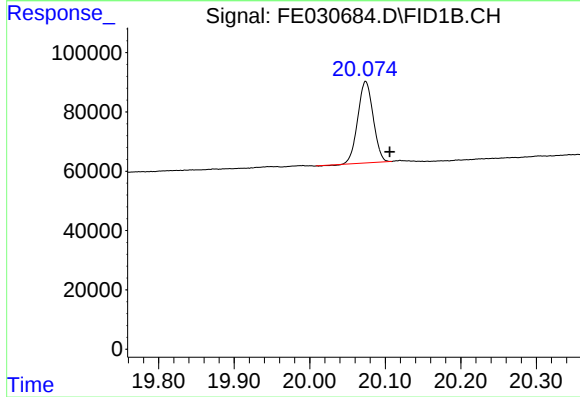
#14 N-DOTRIACONTANE

R.T.: 18.553 min  
Delta R.T.: -0.028 min  
Response: 527624  
Conc: 1.64 ug/ml



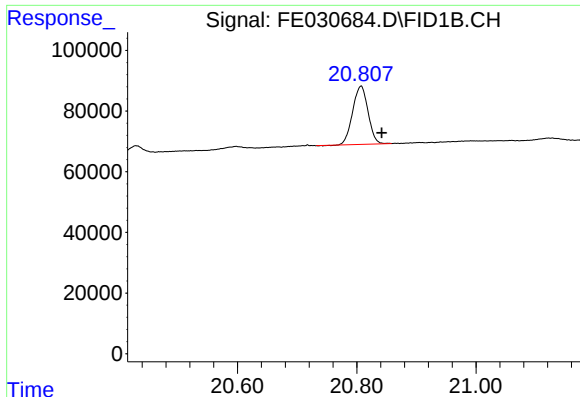
#15 N-TETRATRIACONTANE

R.T.: 19.335 min  
Delta R.T.: -0.031 min  
Response: 464821  
Conc: 1.49 ug/ml



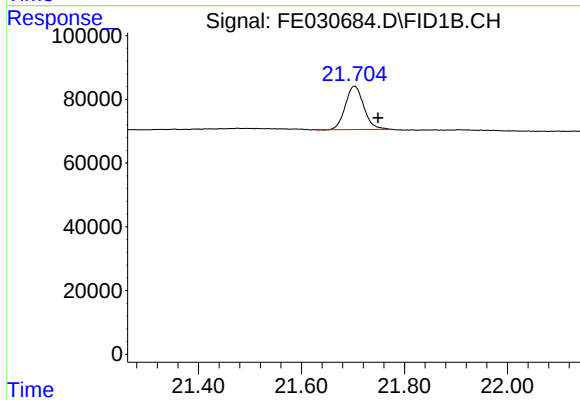
#16 N-HEXATRIACONTANE

R.T.: 20.074 min  
Delta R.T.: -0.032 min  
Response: 387915  
Conc: 1.37 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.807 min  
Delta R.T.: -0.035 min  
Response: 343332  
Conc: 1.31 ug/ml



#18 N-TETRACONTANE

R.T.: 21.703 min  
Delta R.T.: -0.046 min  
Response: 339884  
Conc: 1.31 ug/ml