

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE081721\  
 Data File : FE034191.D  
 Signal(s) : FID1B.CH  
 Acq On : 17 Aug 2021 13:22  
 Operator : DD\AJ  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Aug 18 05:05:46 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\FE081621.M  
 Quant Title :  
 QLast Update : Mon Aug 16 16:04:52 2021  
 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... | 14.660 | 15618754 | 53.166 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.374  | 18193802 | 52.865 ug/ml |
| 2) N-DECANE                   | 4.419  | 18579486 | 53.901 ug/ml |
| 3) N-DODECANE                 | 6.426  | 18753036 | 54.323 ug/ml |
| 4) N-TETRADECANE              | 8.219  | 18864865 | 53.751 ug/ml |
| 5) N-HEXADECANE               | 9.818  | 18657828 | 53.497 ug/ml |
| 6) N-OCTADECANE               | 11.258 | 18700000 | 53.386 ug/ml |
| 7) N-EICOSANE                 | 12.566 | 18855045 | 53.201 ug/ml |
| 8) N-DOCOSANE                 | 13.763 | 18632740 | 52.807 ug/ml |
| 10) N-TETRACOSANE             | 14.866 | 18226265 | 52.802 ug/ml |
| 11) N-HEXACOSANE              | 15.884 | 17792206 | 53.032 ug/ml |
| 12) N-OCTACOSANE              | 16.833 | 17368007 | 53.414 ug/ml |
| 13) N-TRIACONTANE             | 17.720 | 16747944 | 54.351 ug/ml |
| 14) N-DOTRIACONTANE           | 18.550 | 15995611 | 54.944 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.331 | 14570360 | 58.125 ug/ml |
| 16) N-HEXATRIACONTANE         | 20.070 | 13502639 | 58.752 ug/ml |
| 17) N-OCTATRIACONTANE         | 20.799 | 12544566 | 62.064 ug/ml |
| 18) N-TETRACONTANE            | 21.696 | 11991995 | 69.772 ug/ml |
| -----                         |        |          |              |

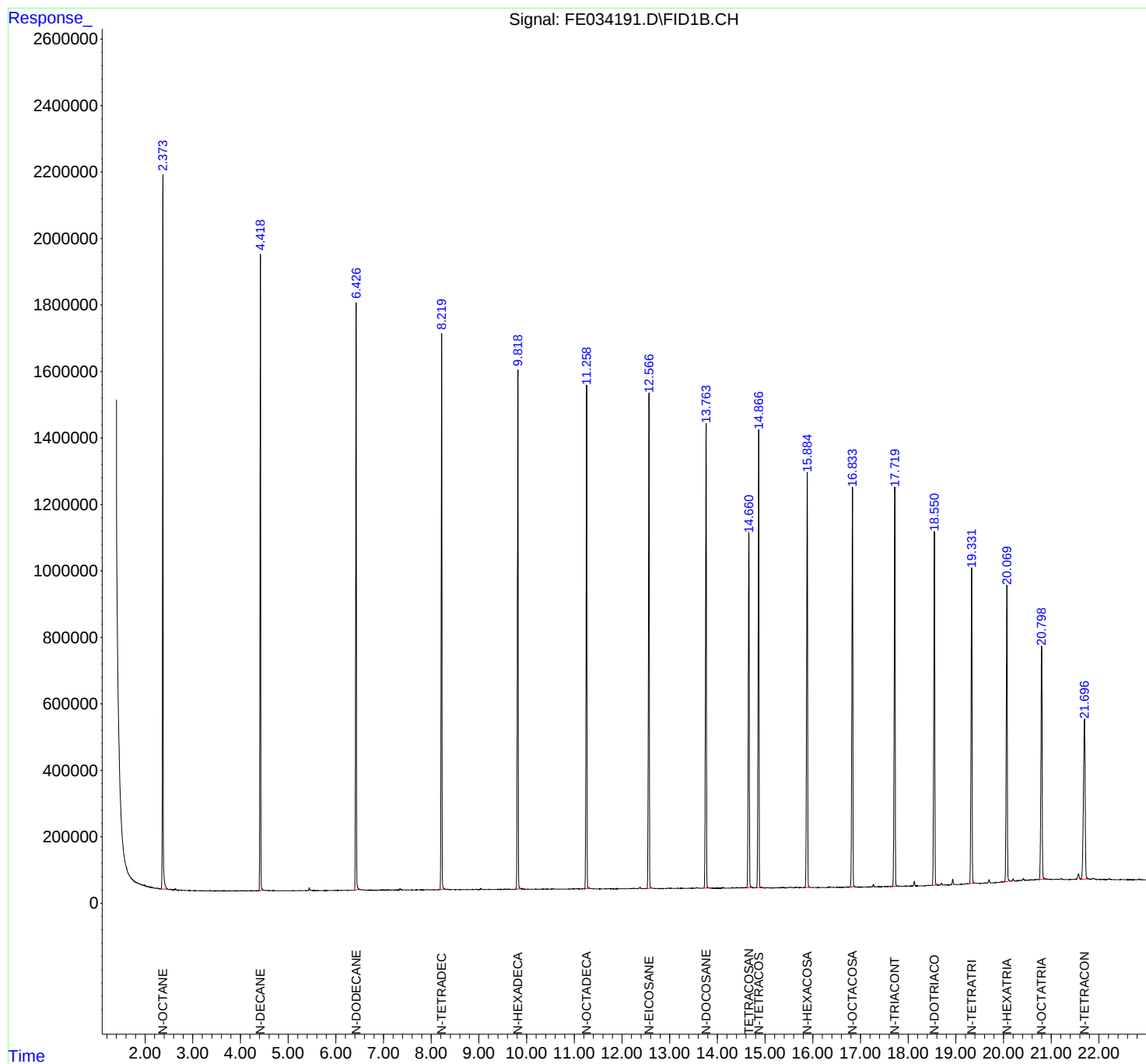
(f)=RT Delta > 1/2 Window

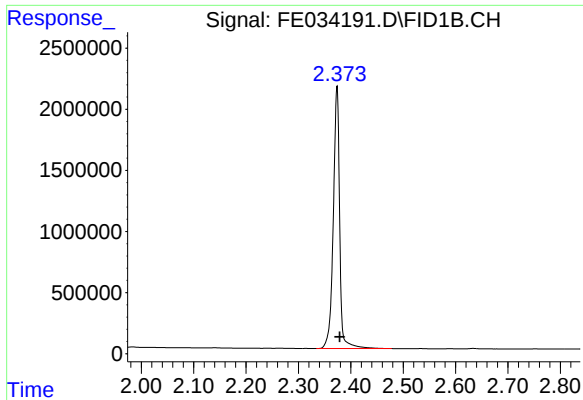
(m)=manual int.

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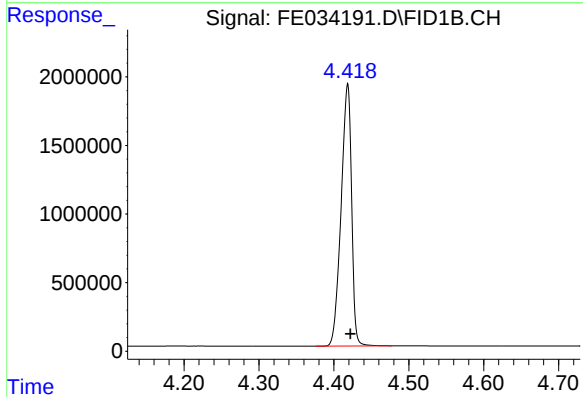
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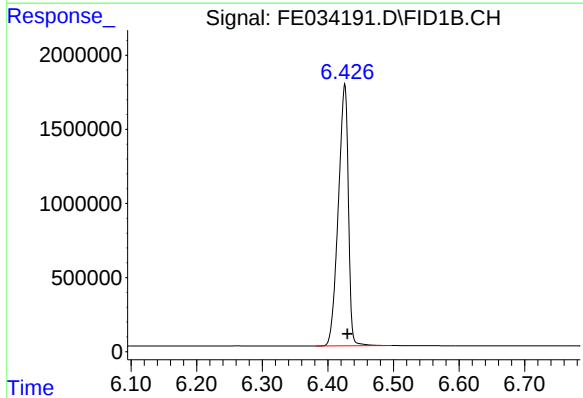
#1 N-OCTANE

R.T.: 2.374 min  
Delta R.T.: -0.005 min  
Response: 18193802  
Conc: 52.87 ug/ml



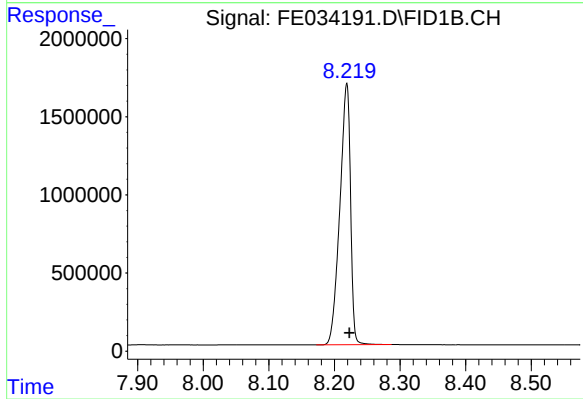
#2 N-DECANE

R.T.: 4.419 min  
Delta R.T.: -0.003 min  
Response: 18579486  
Conc: 53.90 ug/ml



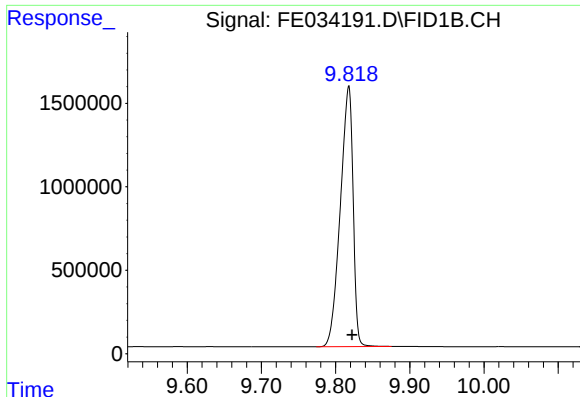
#3 N-DODECANE

R.T.: 6.426 min  
Delta R.T.: -0.004 min  
Response: 18753036  
Conc: 54.32 ug/ml



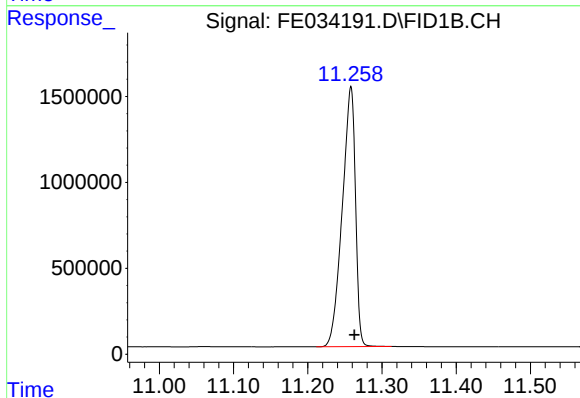
#4 N-TETRADECANE

R.T.: 8.219 min  
Delta R.T.: -0.004 min  
Response: 18864865  
Conc: 53.75 ug/ml



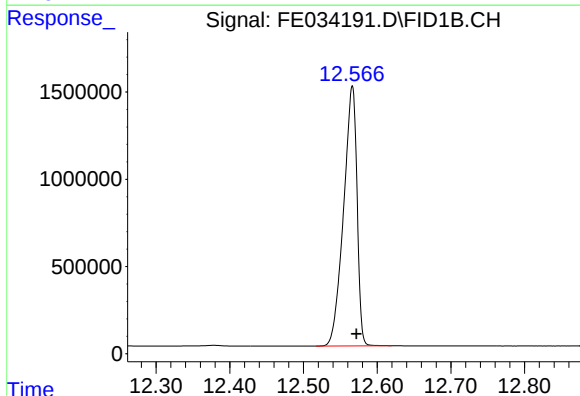
#5 N-HEXADECANE

R.T.: 9.818 min  
Delta R.T.: -0.004 min  
Response: 18657828  
Conc: 53.50 ug/ml



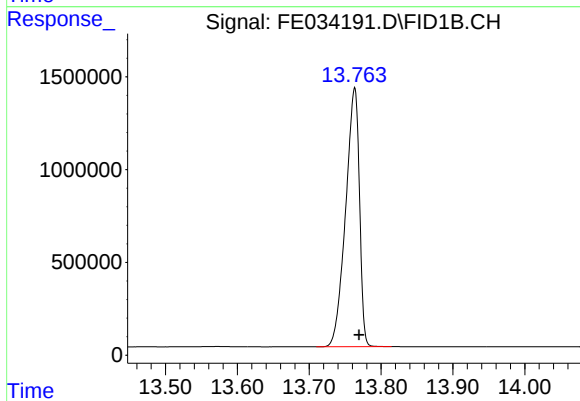
#6 N-OCTADECANE

R.T.: 11.258 min  
Delta R.T.: -0.005 min  
Response: 18700000  
Conc: 53.39 ug/ml



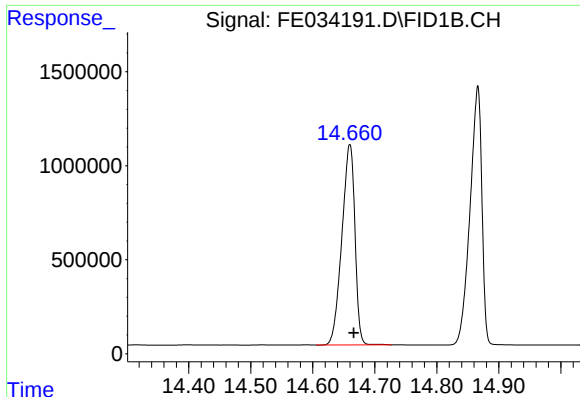
#7 N-EICOSANE

R.T.: 12.566 min  
Delta R.T.: -0.005 min  
Response: 18855045  
Conc: 53.20 ug/ml



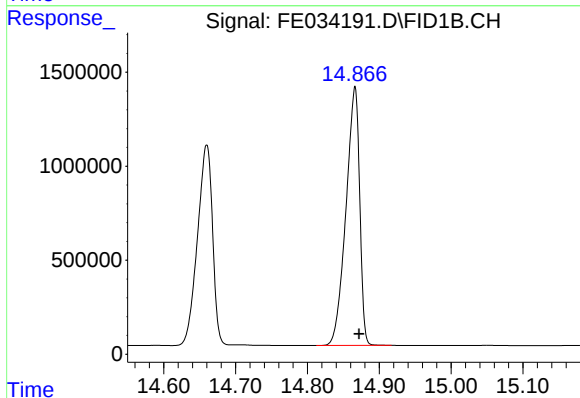
#8 N-DOCOSANE

R.T.: 13.763 min  
Delta R.T.: -0.006 min  
Response: 18632740  
Conc: 52.81 ug/ml



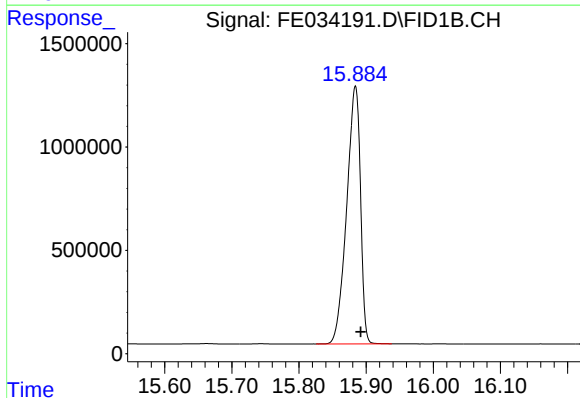
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.660 min  
Delta R.T.: -0.006 min  
Response: 15618754  
Conc: 53.17 ug/ml



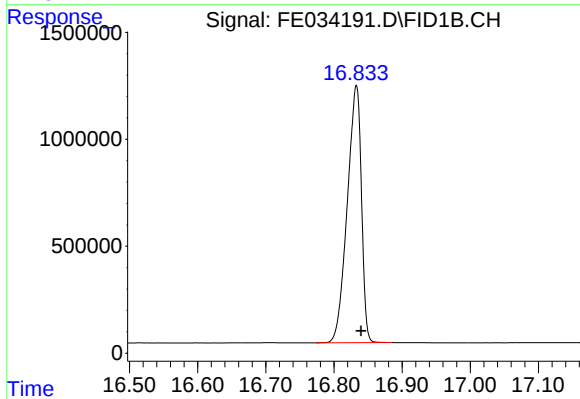
#10 N-TETRACOSANE

R.T.: 14.866 min  
Delta R.T.: -0.006 min  
Response: 18226265  
Conc: 52.80 ug/ml



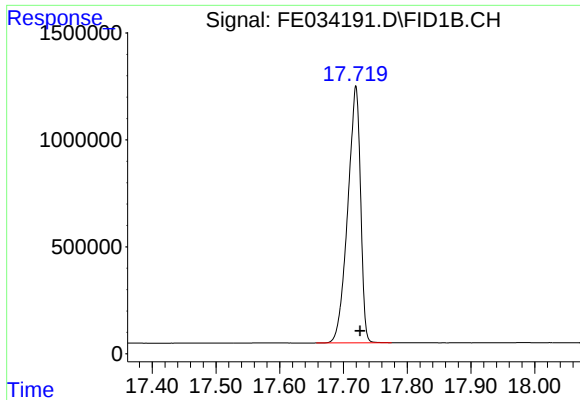
#11 N-HEXACOSANE

R.T.: 15.884 min  
Delta R.T.: -0.008 min  
Response: 17792206  
Conc: 53.03 ug/ml



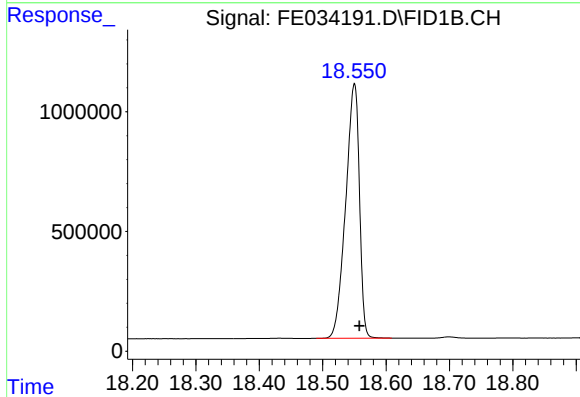
#12 N-OCTACOSANE

R.T.: 16.833 min  
Delta R.T.: -0.007 min  
Response: 17368007  
Conc: 53.41 ug/ml



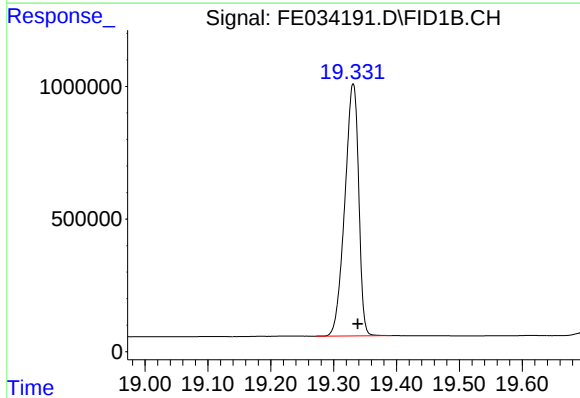
#13 N-TRIACONTANE

R.T.: 17.720 min  
Delta R.T.: -0.006 min  
Response: 16747944  
Conc: 54.35 ug/ml



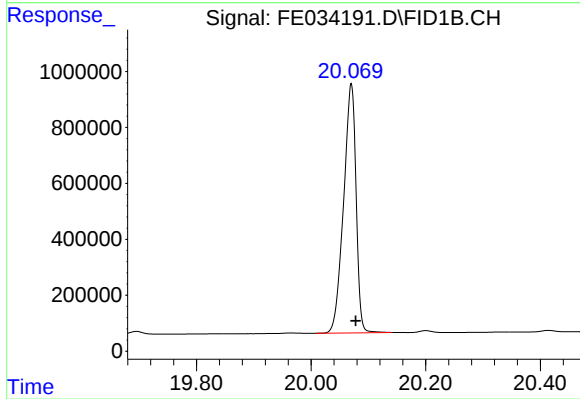
#14 N-DOTRIACONTANE

R.T.: 18.550 min  
Delta R.T.: -0.008 min  
Response: 15995611  
Conc: 54.94 ug/ml



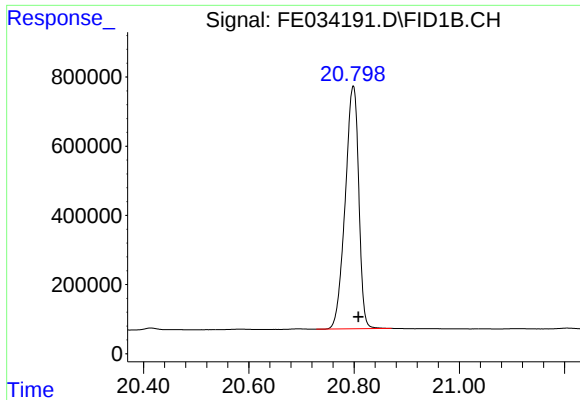
#15 N-TETRATRIACONTANE

R.T.: 19.331 min  
Delta R.T.: -0.007 min  
Response: 14570360  
Conc: 58.12 ug/ml



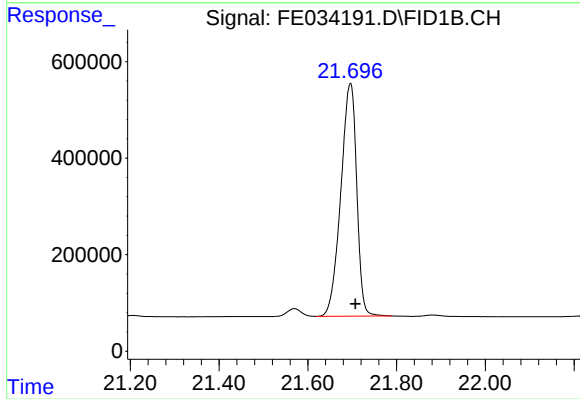
#16 N-HEXATRIACONTANE

R.T.: 20.070 min  
Delta R.T.: -0.008 min  
Response: 13502639  
Conc: 58.75 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.799 min  
Delta R.T.: -0.010 min  
Response: 12544566  
Conc: 62.06 ug/ml



#18 N-TETRACONTANE

R.T.: 21.696 min  
Delta R.T.: -0.011 min  
Response: 11991995  
Conc: 69.77 ug/ml