

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG101421\
 Data File : FG008866.D
 Signal(s) : FID1A.ch
 Acq On : 14 Oct 2021 15:19
 Operator : AJ\MA
 Sample : M4068-08
 Misc : LOQ 5 PPB
 ALS Vial : 8 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 15 00:30:28 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG100721.M
 Quant Title :
 QLast Update : Fri Oct 08 03:31:08 2021
 Response via : Initial Calibration
 Integrator: ChemStation

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...	14.743	2564843	22.220 ug/ml
Target Compounds			
1) N-OCTANE	2.340	578316	4.186 ug/ml
2) N-DECANE	4.440	639427	4.583 ug/ml
3) N-DODECANE	6.467	652561	4.628 ug/ml
4) N-TETRADECANE	8.270	654795	4.645 ug/ml
5) N-HEXADECANE	9.877	674346	4.815 ug/ml
6) N-OCTADECANE	11.324	713121	5.046 ug/ml
7) N-EICOSANE	12.637	745691	5.347 ug/ml
8) N-DOCOSANE	13.839	745461	5.527 ug/ml
10) N-TETRACOSANE	14.947	730338	5.562 ug/ml
11) N-HEXACOSANE	15.970	693162	5.537 ug/ml
12) N-OCTACOSANE	16.923	688813	5.780 ug/ml
13) N-TRIACONTANE	17.813	692781	6.108 ug/ml
14) N-DOTRIACONTANE	18.648	587758	5.541 ug/ml
15) N-TETRATRIACONTANE	19.434	419937	4.216 ug/ml
16) N-HEXATRIACONTANE	20.177	271352	2.938 ug/ml
17) N-OCTATRIACONTANE	20.931	228684	2.605 ug/ml
18) N-TETRACONTANE	21.872	215053	2.415 ug/ml

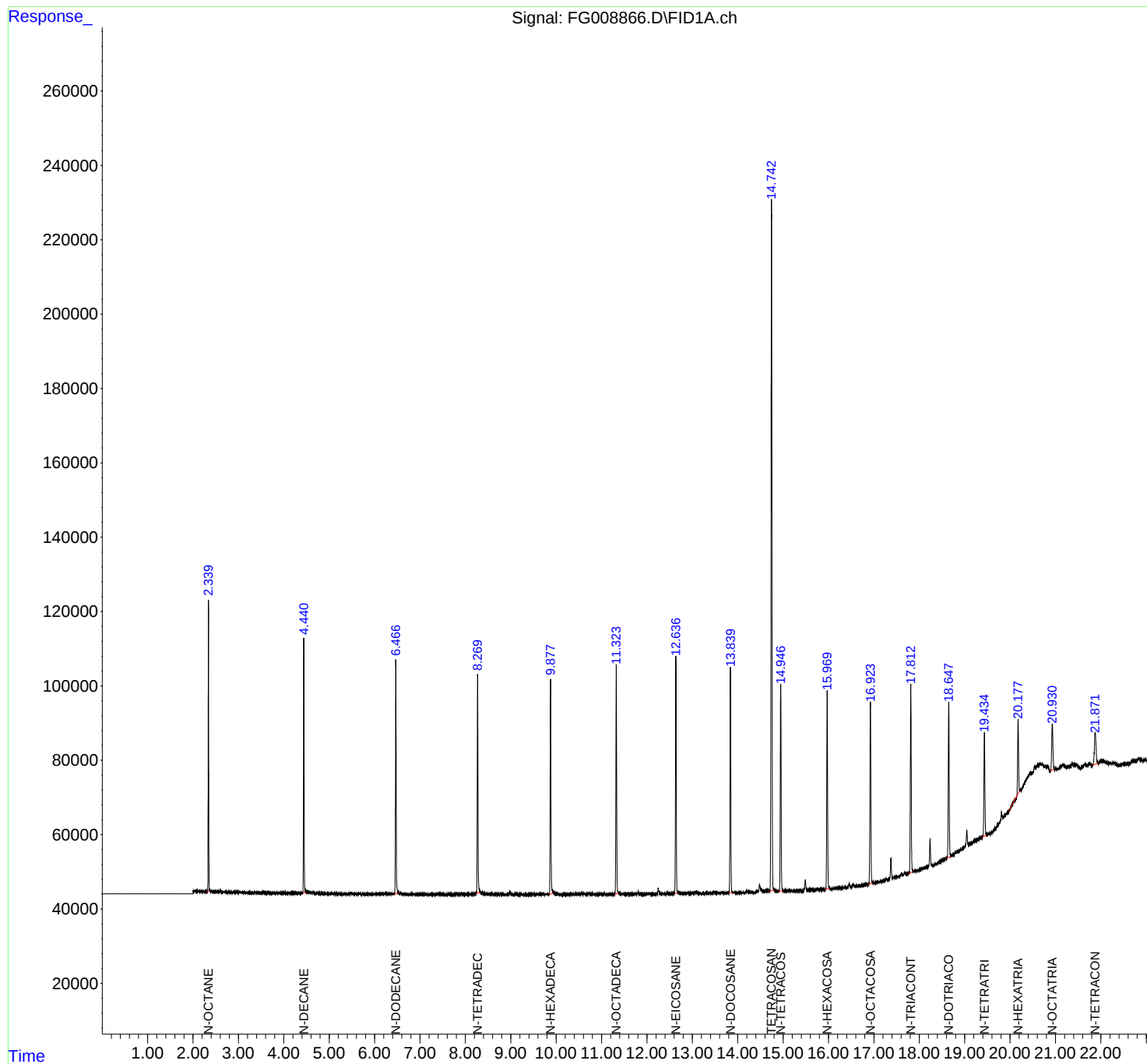
(f)=RT Delta > 1/2 Window

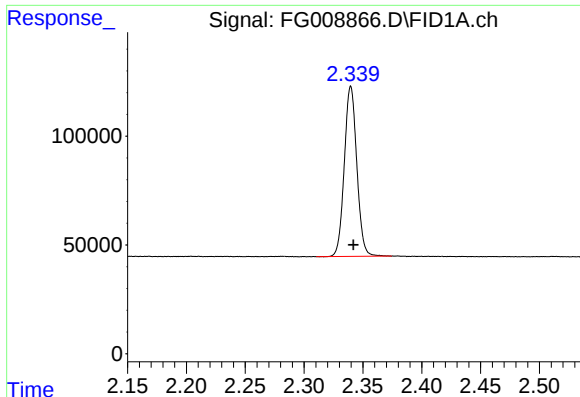
(m)=manual int.

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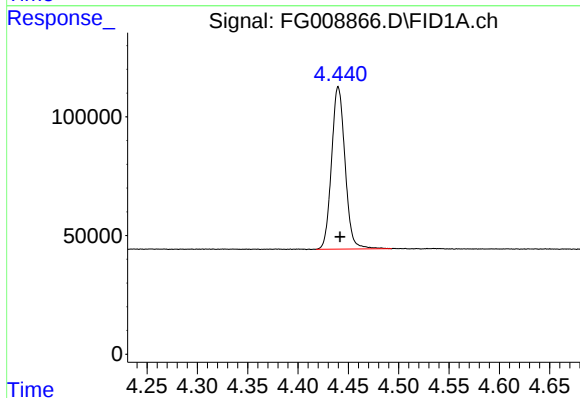
Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





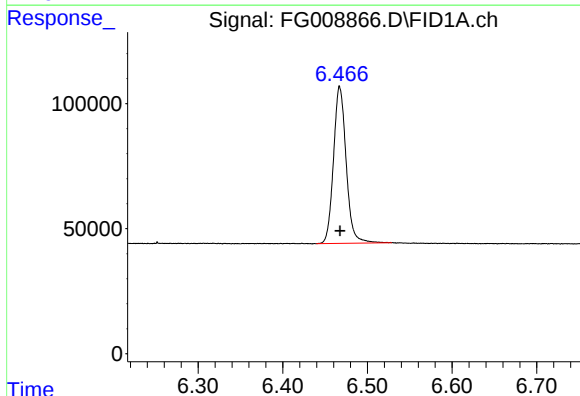
#1 N-OCTANE

R.T.: 2.340 min
Delta R.T.: -0.002 min
Response: 578316
Conc: 4.19 ug/ml



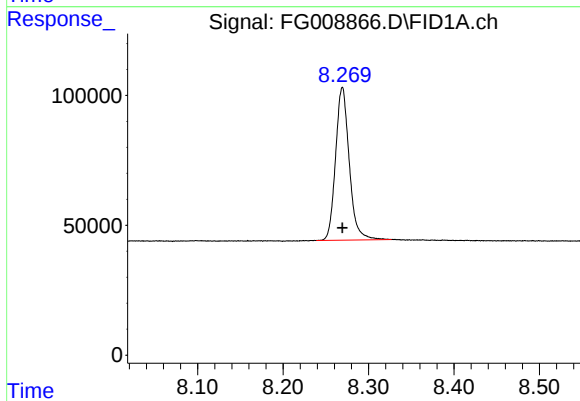
#2 N-DECANE

R.T.: 4.440 min
Delta R.T.: -0.002 min
Response: 639427
Conc: 4.58 ug/ml



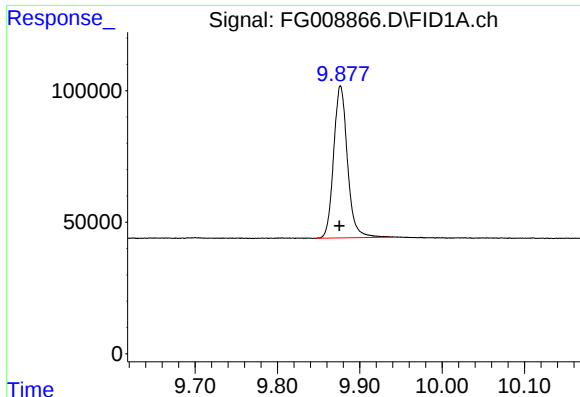
#3 N-DODECANE

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 652561
Conc: 4.63 ug/ml



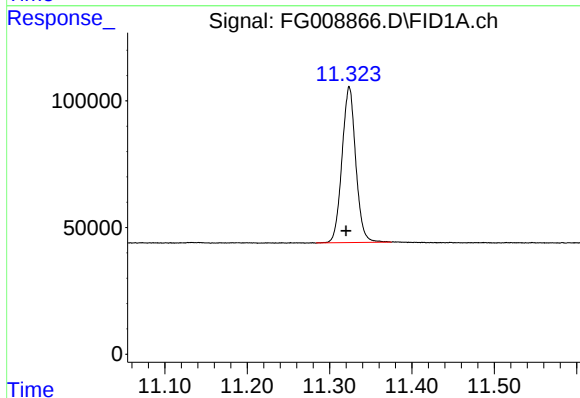
#4 N-TETRADECANE

R.T.: 8.270 min
Delta R.T.: 0.000 min
Response: 654795
Conc: 4.64 ug/ml



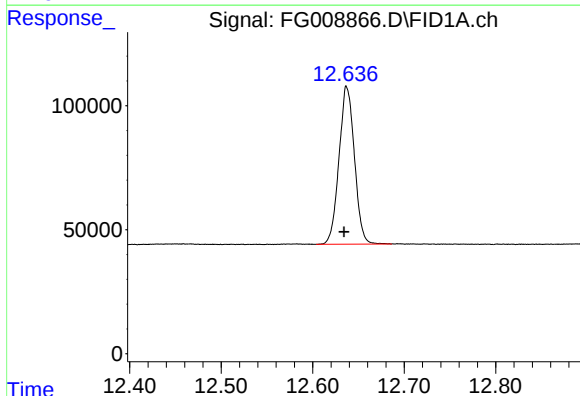
#5 N-HEXADECANE

R.T.: 9.877 min
Delta R.T.: 0.001 min
Response: 674346
Conc: 4.82 ug/ml



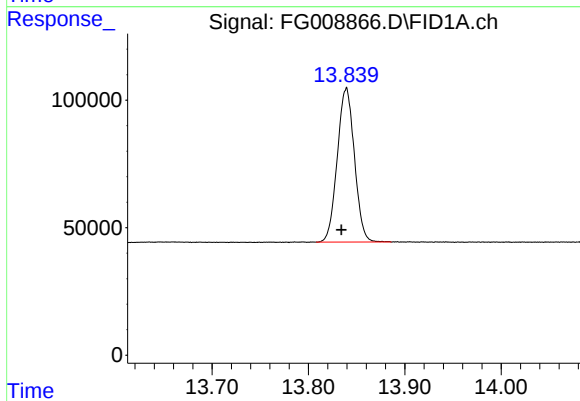
#6 N-OCTADECANE

R.T.: 11.324 min
Delta R.T.: 0.004 min
Response: 713121
Conc: 5.05 ug/ml



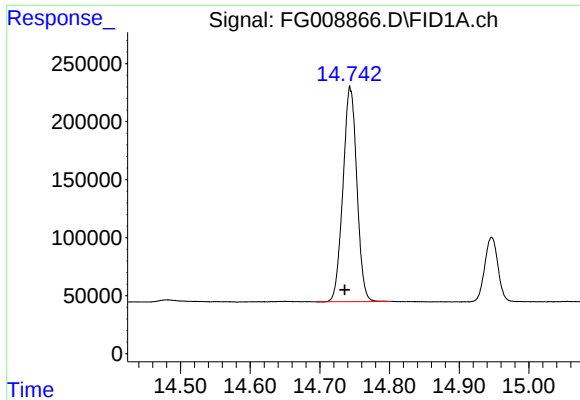
#7 N-EICOSANE

R.T.: 12.637 min
Delta R.T.: 0.003 min
Response: 745691
Conc: 5.35 ug/ml



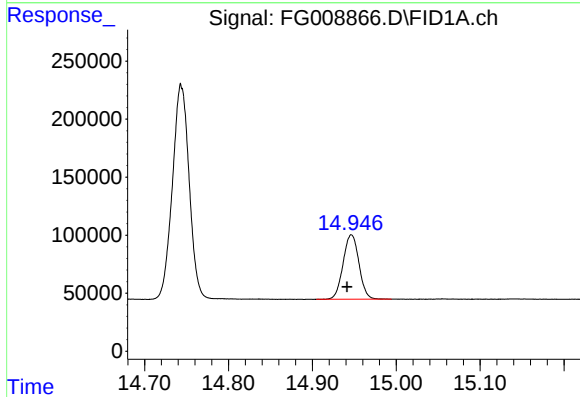
#8 N-DOCOSANE

R.T.: 13.839 min
Delta R.T.: 0.005 min
Response: 745461
Conc: 5.53 ug/ml



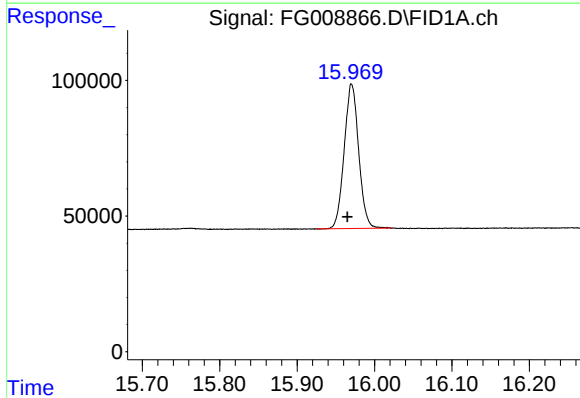
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.743 min
Delta R.T.: 0.008 min
Response: 2564843
Conc: 22.22 ug/ml



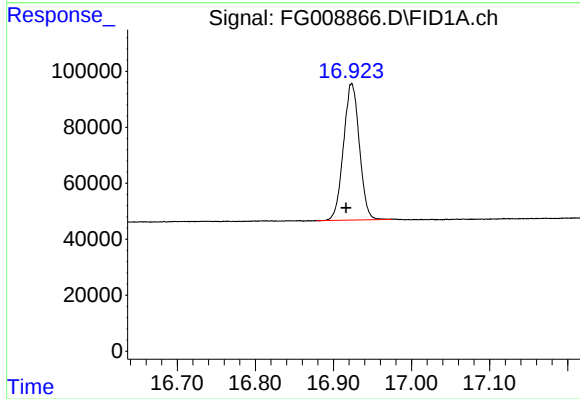
#10 N-TETRACOSANE

R.T.: 14.947 min
Delta R.T.: 0.005 min
Response: 730338
Conc: 5.56 ug/ml



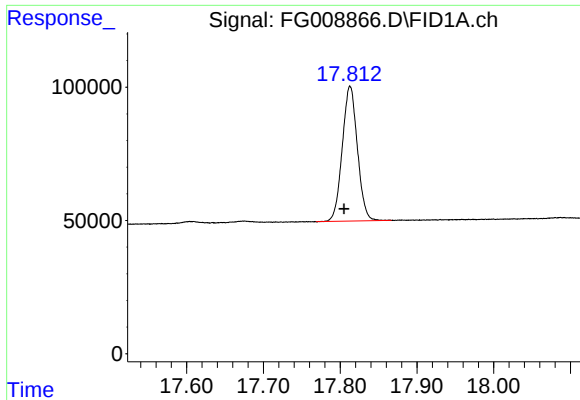
#11 N-HEXACOSANE

R.T.: 15.970 min
Delta R.T.: 0.006 min
Response: 693162
Conc: 5.54 ug/ml



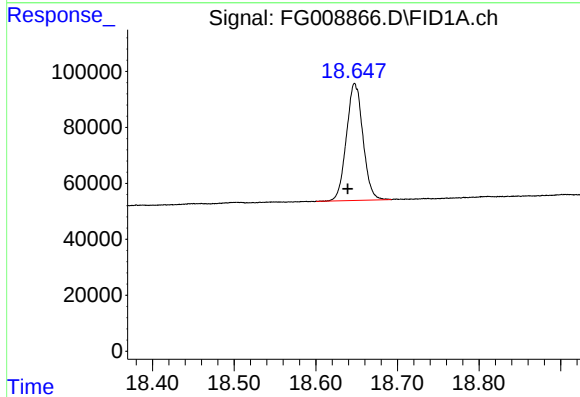
#12 N-OCTACOSANE

R.T.: 16.923 min
Delta R.T.: 0.007 min
Response: 688813
Conc: 5.78 ug/ml



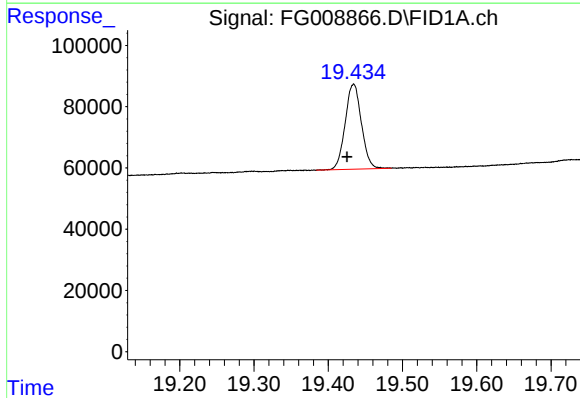
#13 N-TRIACONTANE

R.T.: 17.813 min
Delta R.T.: 0.008 min
Response: 692781
Conc: 6.11 ug/ml



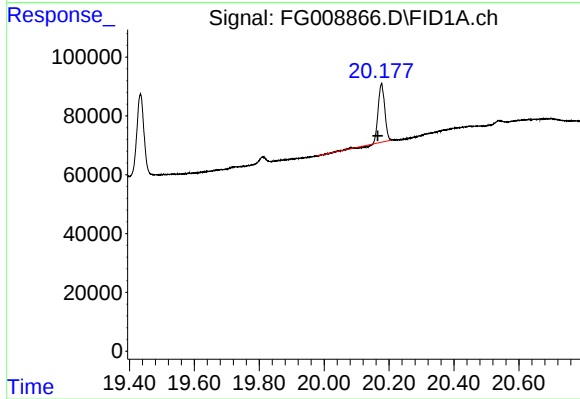
#14 N-DOTRIACONTANE

R.T.: 18.648 min
Delta R.T.: 0.008 min
Response: 587758
Conc: 5.54 ug/ml



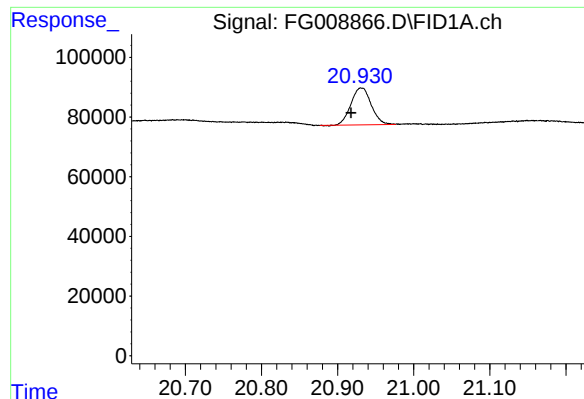
#15 N-TETRATRIACONTANE

R.T.: 19.434 min
Delta R.T.: 0.009 min
Response: 419937
Conc: 4.22 ug/ml



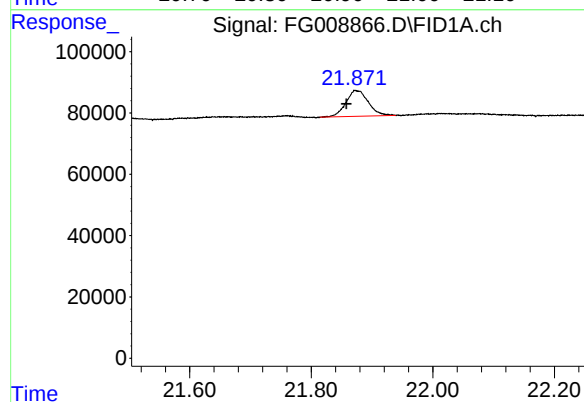
#16 N-HEXATRIACONTANE

R.T.: 20.177 min
Delta R.T.: 0.012 min
Response: 271352
Conc: 2.94 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.931 min
Delta R.T.: 0.013 min
Response: 228684
Conc: 2.61 ug/ml



#18 N-TETRACONTANE

R.T.: 21.872 min
Delta R.T.: 0.015 min
Response: 215053
Conc: 2.42 ug/ml