

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100421\
 Data File : FG008766.D
 Signal(s) : FID1A.ch
 Acq On : 04 Oct 2021 13:29
 Operator : DD\AJ
 Sample : M4005-18MS 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 05 01:14:42 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG090721.M
 Quant Title :
 QLast Update : Wed Sep 08 09:33:21 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...	14.739	138366	1.246 ug/ml
Target Compounds			
1) N-OCTANE	2.343	87641	0.664 ug/ml
2) N-DECANE	4.444	138742	1.038 ug/ml
3) N-DODECANE	6.470	147529	1.089 ug/ml
4) N-TETRADECANE	8.272	108082	0.797 ug/ml
5) N-HEXADECANE	9.876	120171	0.897 ug/ml
6) N-OCTADECANE	11.321	139869	1.039 ug/ml
7) N-EICOSANE	12.633	167060	1.255 ug/mlm
8) N-DOCOSANE	13.835	188993	1.466 ug/mlm
10) N-TETRACOSANE	14.942	169514	1.340 ug/ml
11) N-HEXACOSANE	15.966	166035	1.351 ug/mlm
12) N-OCTACOSANE	16.921	238246	1.984 ug/mlm
13) N-TRIACONTANE	17.811	307144	2.664 ug/ml
14) N-DOTRIACONTANE	18.646	319457	2.991 ug/ml
15) N-TETRATRIACONTANE	19.431	283221	2.899 ug/ml
16) N-HEXATRIACONTANE	20.177	321876	3.480 ug/ml
17) N-OCTATRIACONTANE	20.930	669665	7.603 ug/ml
18) N-TETRACONTANE	21.867	281236	3.022 ug/ml

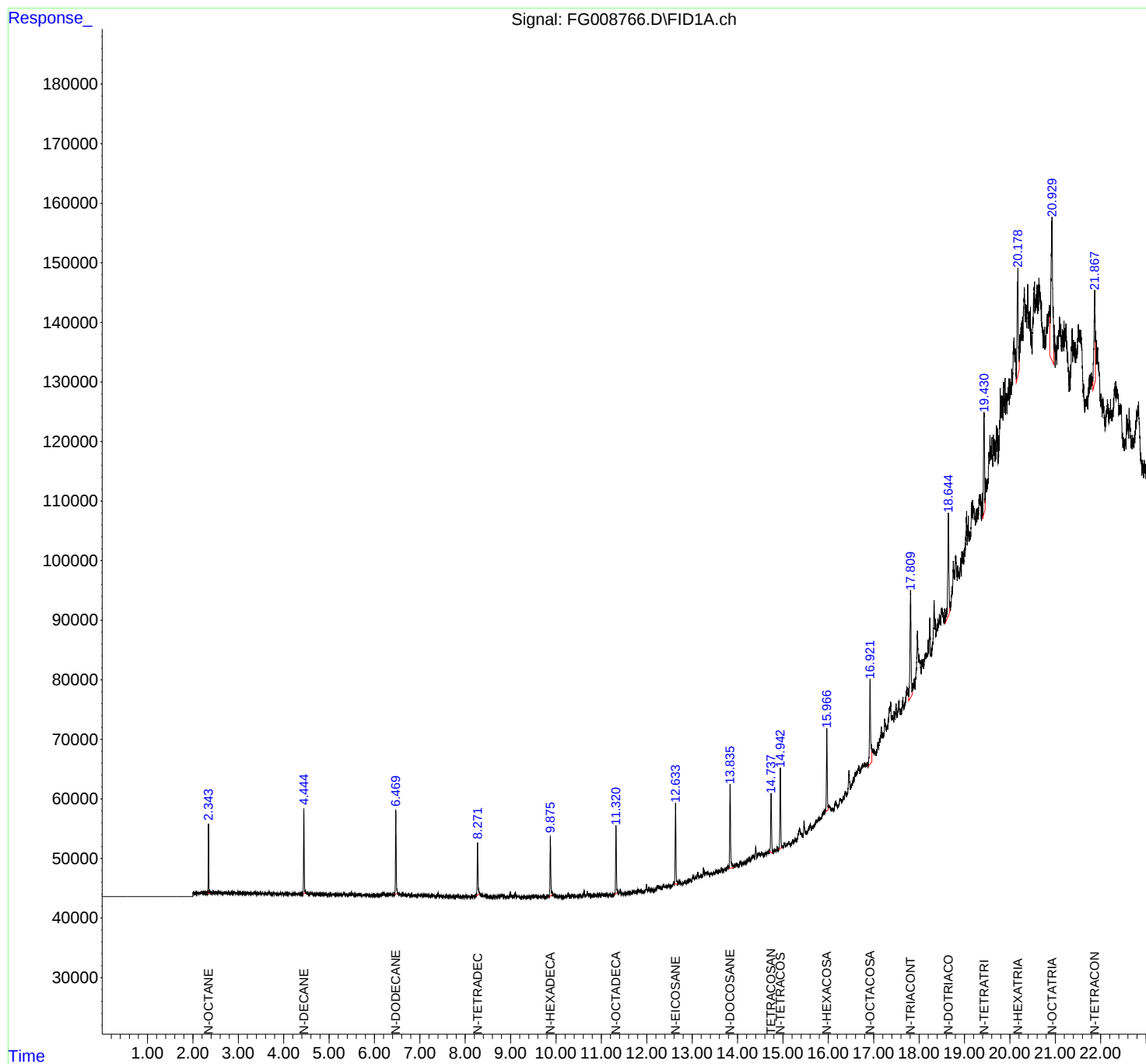
(f)=RT Delta > 1/2 Window

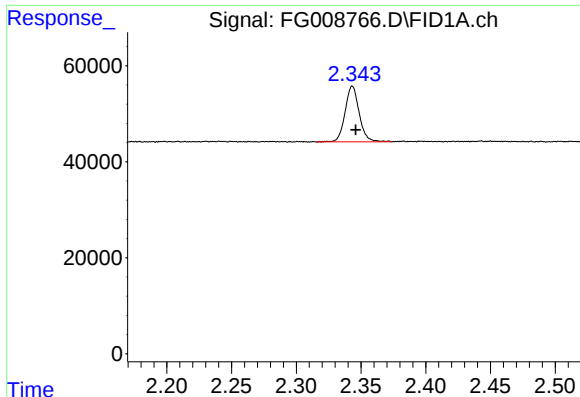
(m)=manual int.

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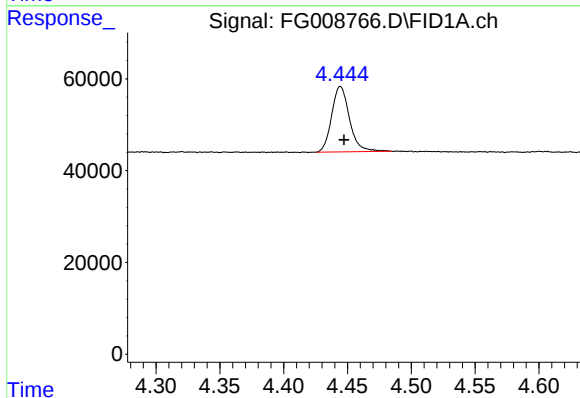
Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





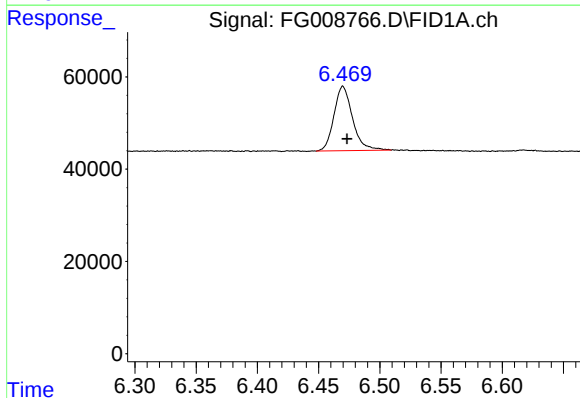
#1 N-OCTANE

R.T.: 2.343 min
Delta R.T.: -0.003 min
Response: 87641
Conc: 0.66 ug/ml



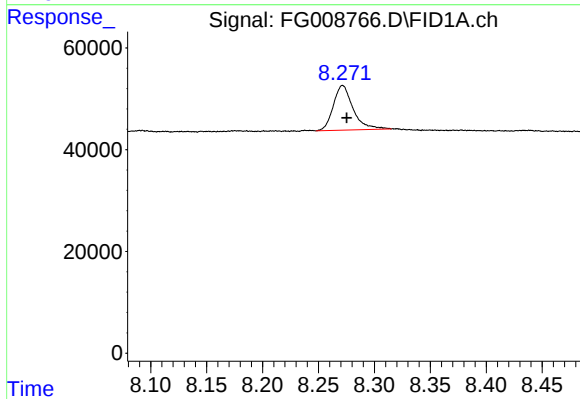
#2 N-DECANE

R.T.: 4.444 min
Delta R.T.: -0.003 min
Response: 138742
Conc: 1.04 ug/ml



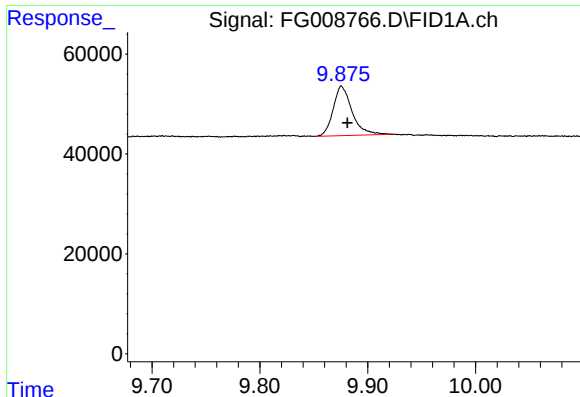
#3 N-DODECANE

R.T.: 6.470 min
Delta R.T.: -0.003 min
Response: 147529
Conc: 1.09 ug/ml



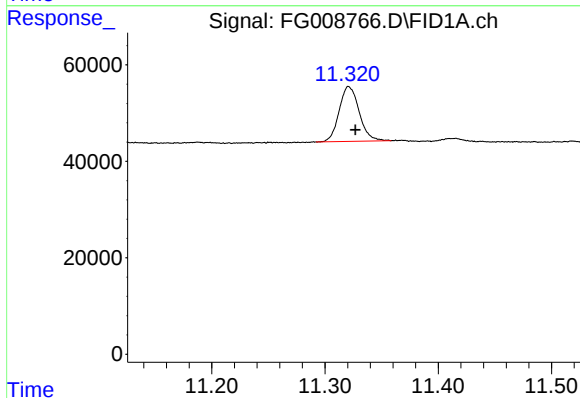
#4 N-TETRADECANE

R.T.: 8.272 min
Delta R.T.: -0.004 min
Response: 108082
Conc: 0.80 ug/ml



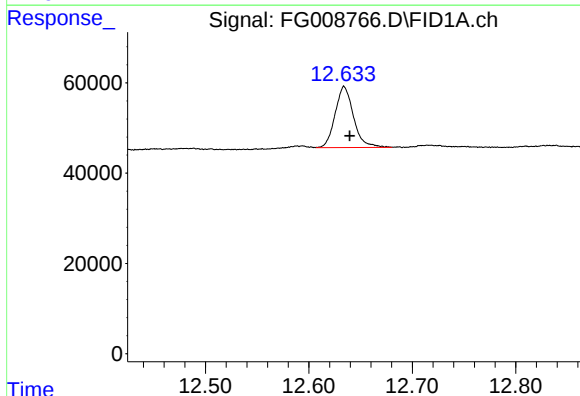
#5 N-HEXADECANE

R.T.: 9.876 min
Delta R.T.: -0.006 min
Response: 120171
Conc: 0.90 ug/ml



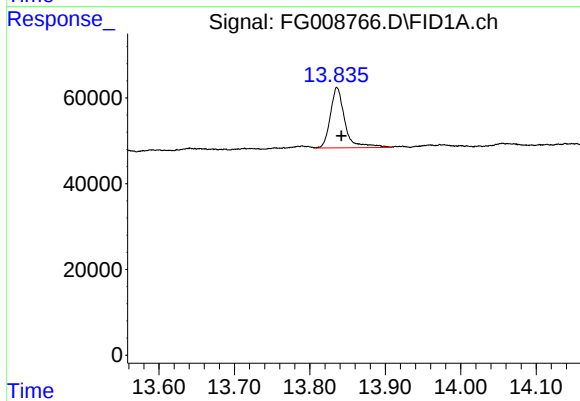
#6 N-OCTADECANE

R.T.: 11.321 min
Delta R.T.: -0.006 min
Response: 139869
Conc: 1.04 ug/ml



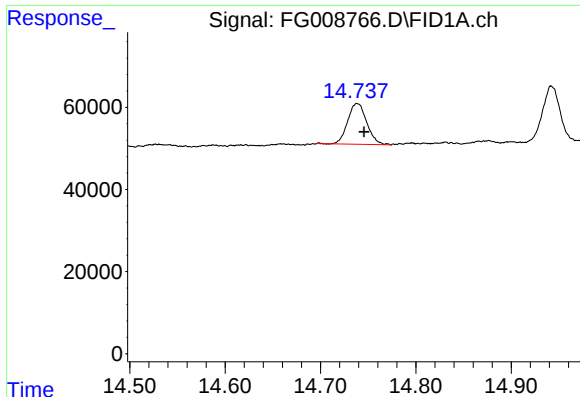
#7 N-EICOSANE

R.T.: 12.633 min
Delta R.T.: -0.006 min
Response: 167060
Conc: 1.26 ug/ml m



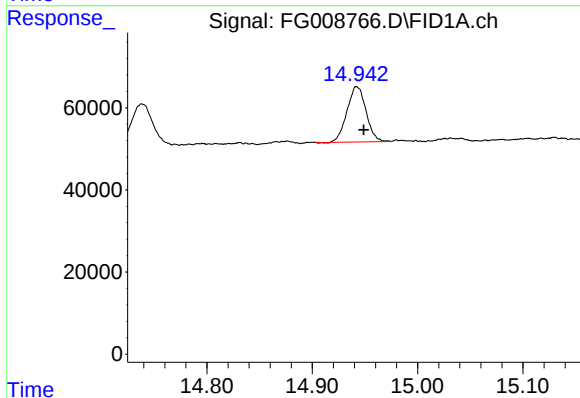
#8 N-DOCOSANE

R.T.: 13.835 min
Delta R.T.: -0.007 min
Response: 188993
Conc: 1.47 ug/ml m



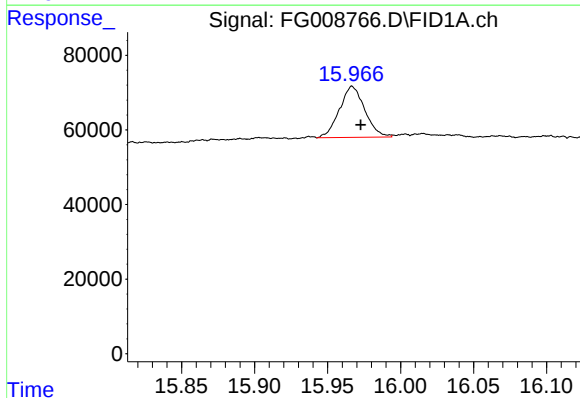
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.739 min
Delta R.T.: -0.007 min
Response: 138366
Conc: 1.25 ug/ml



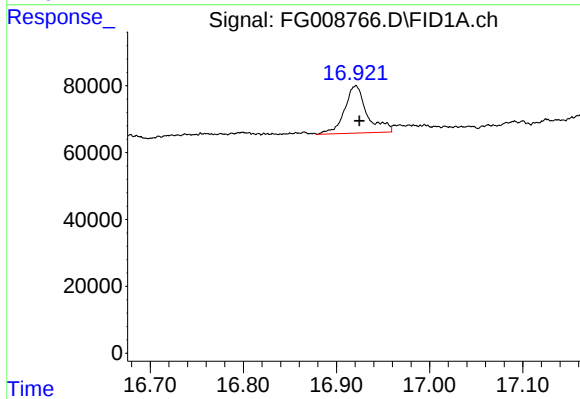
#10 N-TETRACOSANE

R.T.: 14.942 min
Delta R.T.: -0.007 min
Response: 169514
Conc: 1.34 ug/ml



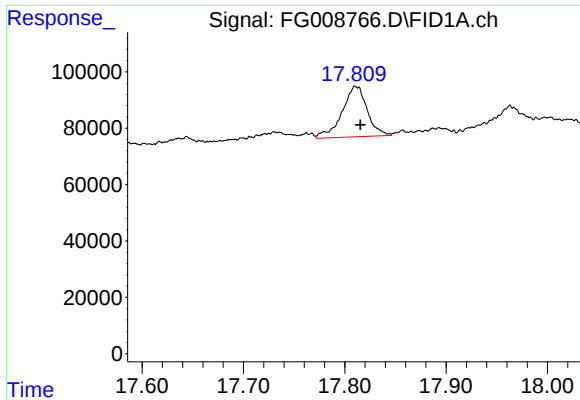
#11 N-HEXACOSANE

R.T.: 15.966 min
Delta R.T.: -0.006 min
Response: 166035
Conc: 1.35 ug/ml m



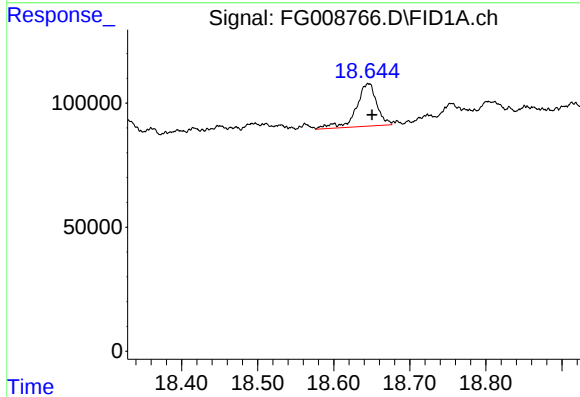
#12 N-OCTACOSANE

R.T.: 16.921 min
Delta R.T.: -0.004 min
Response: 238246
Conc: 1.98 ug/ml m



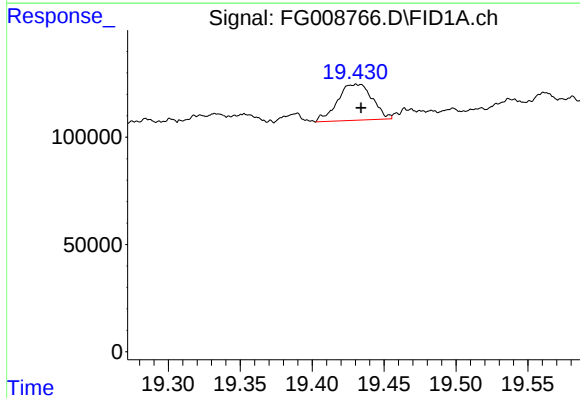
#13 N-TRIACONTANE

R.T.: 17.811 min
Delta R.T.: -0.005 min
Response: 307144
Conc: 2.66 ug/ml



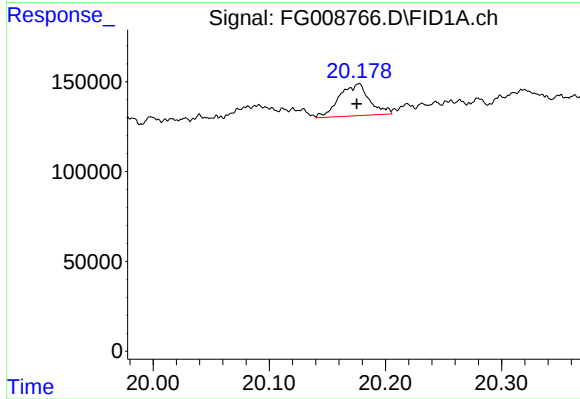
#14 N-DOTRIACONTANE

R.T.: 18.646 min
Delta R.T.: -0.004 min
Response: 319457
Conc: 2.99 ug/ml



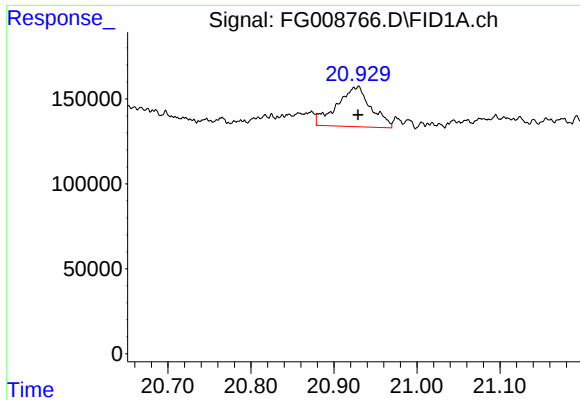
#15 N-TETRATRIACONTANE

R.T.: 19.431 min
Delta R.T.: -0.003 min
Response: 283221
Conc: 2.90 ug/ml



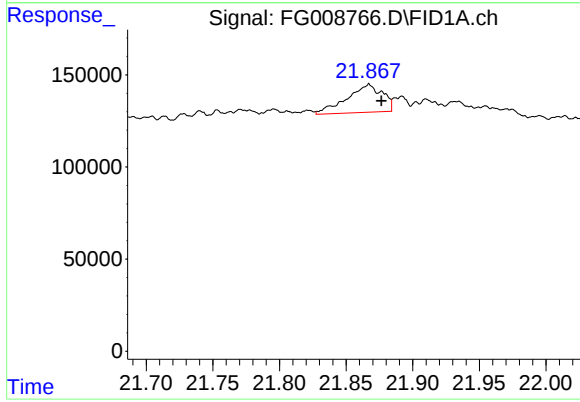
#16 N-HEXATRIACONTANE

R.T.: 20.177 min
Delta R.T.: 0.002 min
Response: 321876
Conc: 3.48 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.930 min
Delta R.T.: 0.000 min
Response: 669665
Conc: 7.60 ug/ml



#18 N-TETRACONTANE

R.T.: 21.867 min
Delta R.T.: -0.009 min
Response: 281236
Conc: 3.02 ug/ml