

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100421\
 Data File : FG008767.D
 Signal(s) : FID1A.ch
 Acq On : 04 Oct 2021 14:01
 Operator : DD\AJ
 Sample : M4005-18MSD 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 05 01:14:59 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...	14.740	161370	1.453 ug/ml
Target Compounds			
1) N-OCTANE	2.343	90163	0.683 ug/ml
2) N-DECANE	4.445	145077	1.085 ug/ml
3) N-DODECANE	6.470	157494	1.163 ug/ml
4) N-TETRADECANE	8.271	123176	0.908 ug/ml
5) N-HEXADECANE	9.876	130603	0.975 ug/ml
6) N-OCTADECANE	11.322	153435	1.140 ug/ml
7) N-EICOSANE	12.635	189769	1.426 ug/ml
8) N-DOCOSANE	13.837	168846	1.310 ug/ml
10) N-TETRACOSANE	14.943	184541	1.459 ug/ml
11) N-HEXACOSANE	15.969	191547	1.559 ug/ml
12) N-OCTACOSANE	16.921	252885	2.106 ug/ml
13) N-TRIACONTANE	17.811	343916	2.983 ug/ml
14) N-DOTRIACONTANE	18.648	303779	2.844 ug/ml
15) N-TETRATRIACONTANE	19.431	382721	3.917 ug/ml
16) N-HEXATRIACONTANE	20.173	428789	4.636 ug/ml
17) N-OCTATRIACONTANE	20.929	791705	8.989 ug/ml
18) N-TETRACONTANE	21.877	260689	2.801 ug/ml

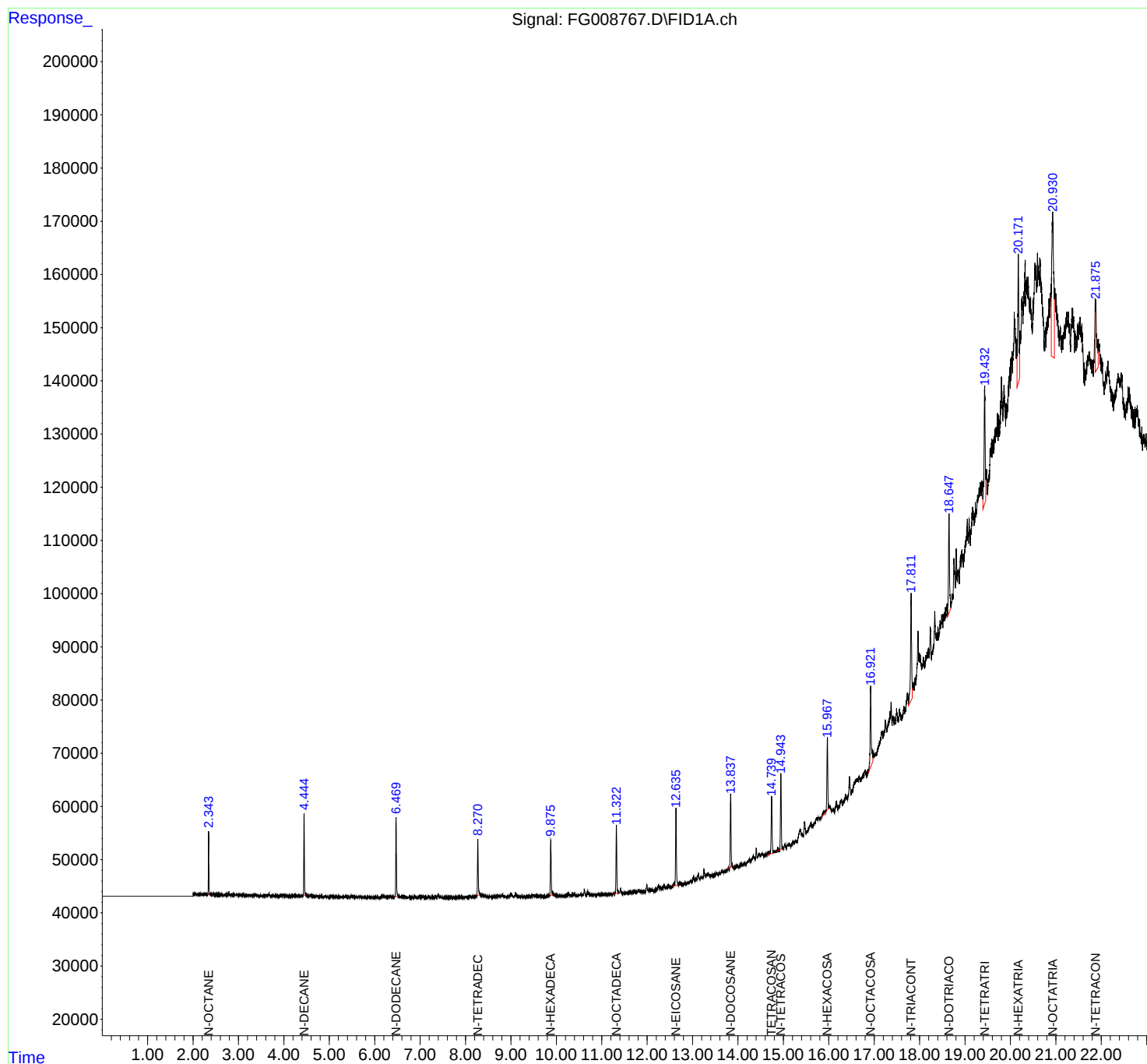
(f)=RT Delta > 1/2 Window

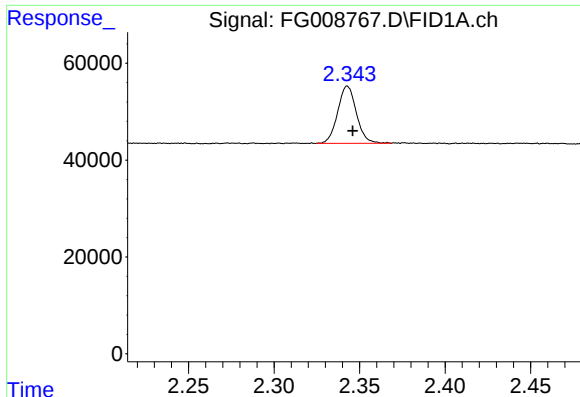
(m)=manual int.

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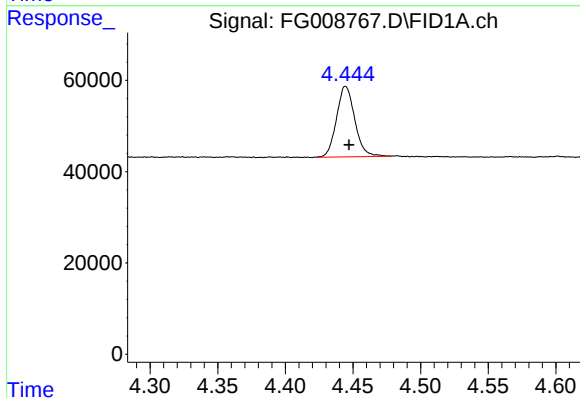
Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





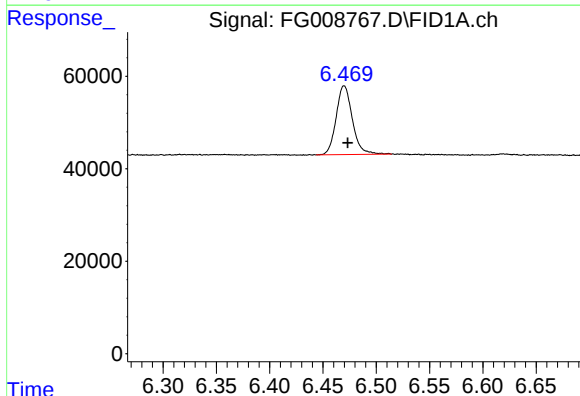
#1 N-OCTANE

R.T.: 2.343 min
Delta R.T.: -0.003 min
Response: 90163
Conc: 0.68 ug/ml



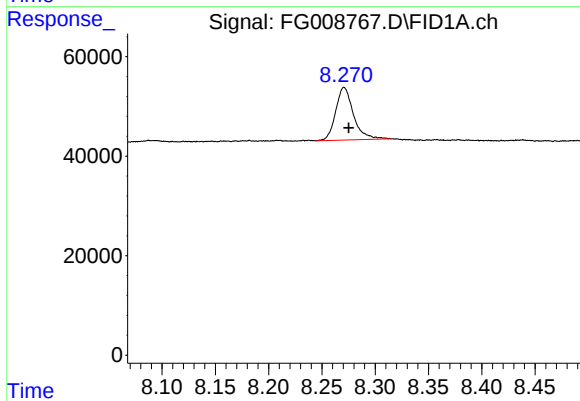
#2 N-DECANE

R.T.: 4.445 min
Delta R.T.: -0.003 min
Response: 145077
Conc: 1.09 ug/ml



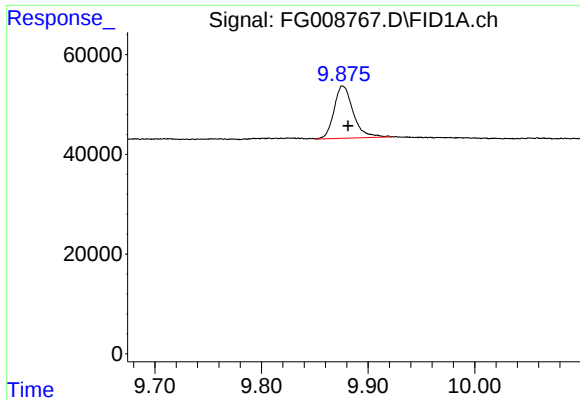
#3 N-DODECANE

R.T.: 6.470 min
Delta R.T.: -0.003 min
Response: 157494
Conc: 1.16 ug/ml



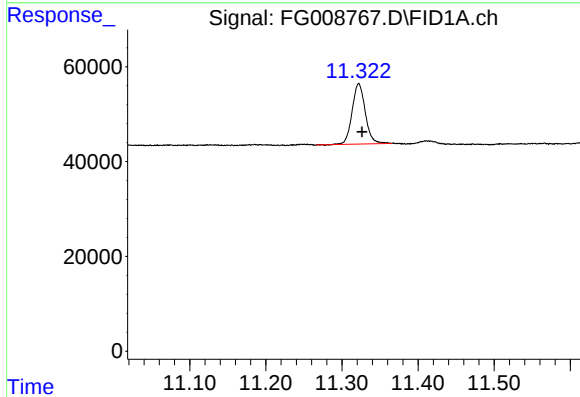
#4 N-TETRADECANE

R.T.: 8.271 min
Delta R.T.: -0.004 min
Response: 123176
Conc: 0.91 ug/ml



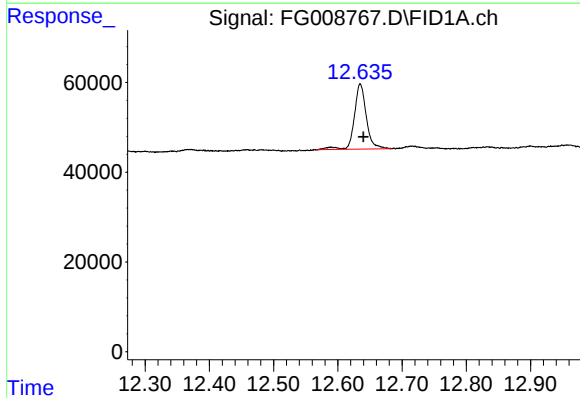
#5 N-HEXADECANE

R.T.: 9.876 min
Delta R.T.: -0.005 min
Response: 130603
Conc: 0.98 ug/ml



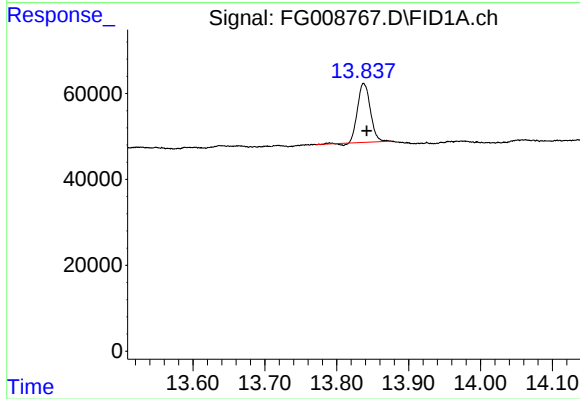
#6 N-OCTADECANE

R.T.: 11.322 min
Delta R.T.: -0.005 min
Response: 153435
Conc: 1.14 ug/ml



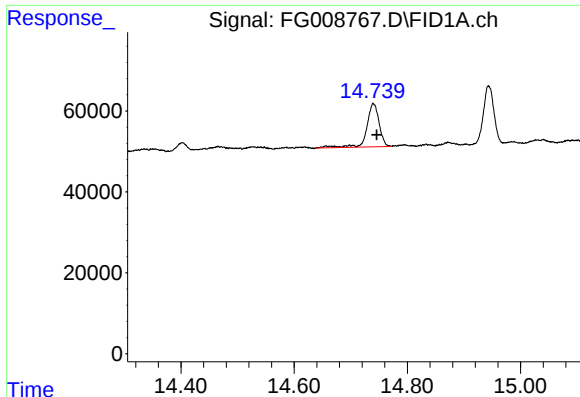
#7 N-EICOSANE

R.T.: 12.635 min
Delta R.T.: -0.005 min
Response: 189769
Conc: 1.43 ug/ml



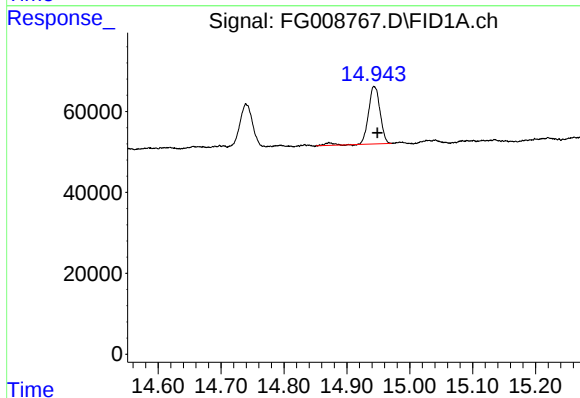
#8 N-DOCOSANE

R.T.: 13.837 min
Delta R.T.: -0.004 min
Response: 168846
Conc: 1.31 ug/ml



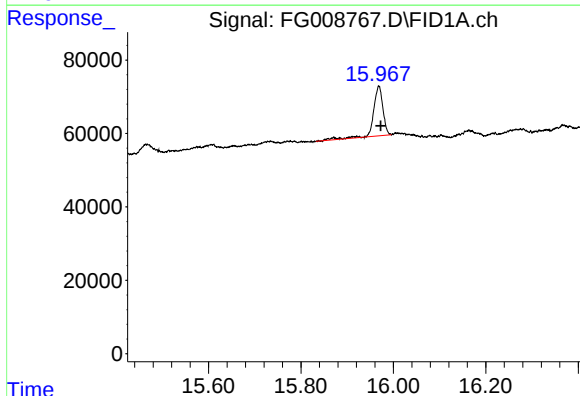
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.740 min
Delta R.T.: -0.006 min
Response: 161370
Conc: 1.45 ug/ml



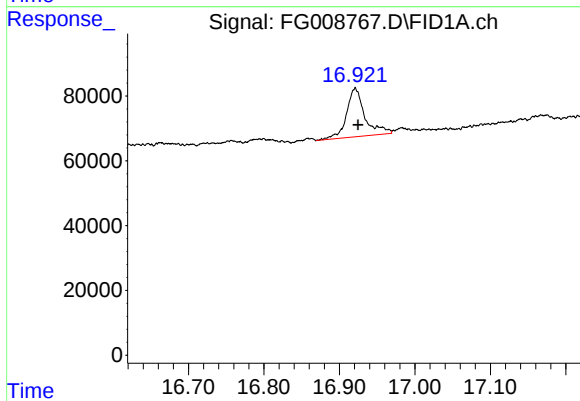
#10 N-TETRACOSANE

R.T.: 14.943 min
Delta R.T.: -0.005 min
Response: 184541
Conc: 1.46 ug/ml



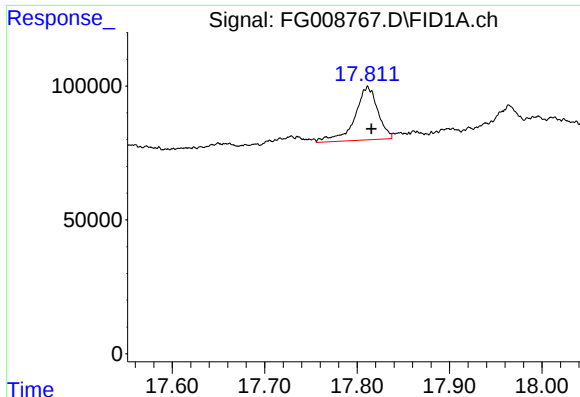
#11 N-HEXACOSANE

R.T.: 15.969 min
Delta R.T.: -0.004 min
Response: 191547
Conc: 1.56 ug/ml



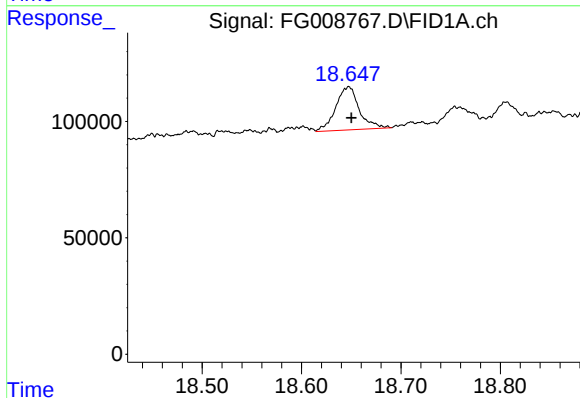
#12 N-OCTACOSANE

R.T.: 16.921 min
Delta R.T.: -0.004 min
Response: 252885
Conc: 2.11 ug/ml



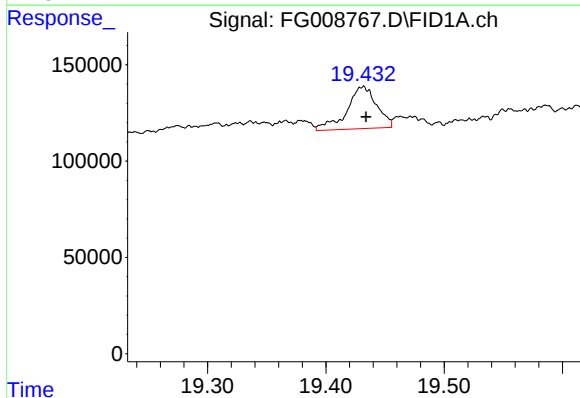
#13 N-TRIACONTANE

R.T.: 17.811 min
Delta R.T.: -0.004 min
Response: 343916
Conc: 2.98 ug/ml



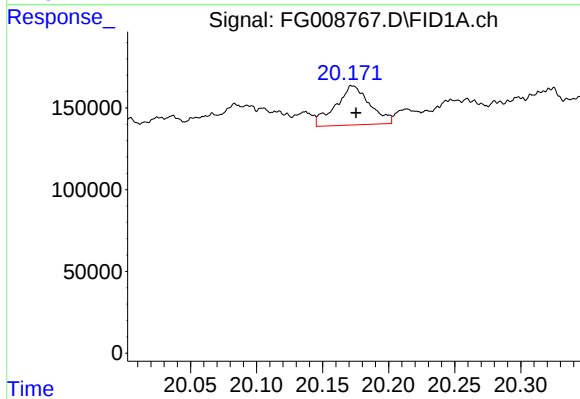
#14 N-DOTRIACONTANE

R.T.: 18.648 min
Delta R.T.: -0.003 min
Response: 303779
Conc: 2.84 ug/ml



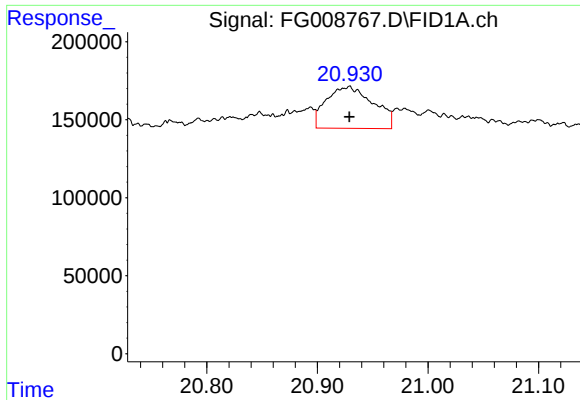
#15 N-TETRATRIACONTANE

R.T.: 19.431 min
Delta R.T.: -0.003 min
Response: 382721
Conc: 3.92 ug/ml



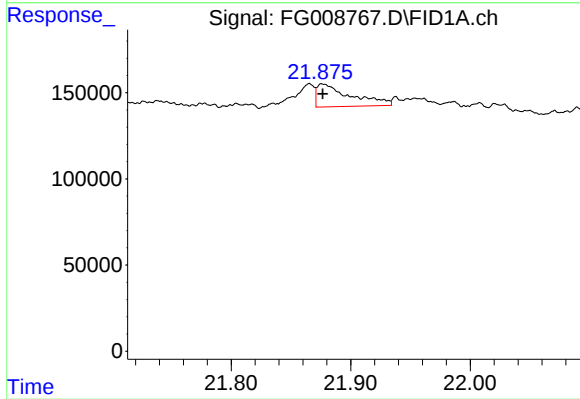
#16 N-HEXATRIACONTANE

R.T.: 20.173 min
Delta R.T.: -0.003 min
Response: 428789
Conc: 4.64 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.929 min
Delta R.T.: 0.000 min
Response: 791705
Conc: 8.99 ug/ml



#18 N-TETRACONTANE

R.T.: 21.877 min
Delta R.T.: 0.000 min
Response: 260689
Conc: 2.80 ug/ml