

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051421\
 Data File : FG008081.D
 Signal(s) : FID1A.ch
 Acq On : 14 May 2021 09:47
 Operator : DD\AJ
 Sample : M2262-01
 Misc : LOD-SOIL-2.5 PPM
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 14 23:54:14 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042121.M
 Quant Title :
 QLast Update : Thu Apr 22 01:54:01 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...	14.781	2022869	15.195 ug/ml
Target Compounds				
1)	N-OCTANE	2.369	320143	2.159 ug/ml
2)	N-DECANE	4.481	344642	2.280 ug/ml
3)	N-DODECANE	6.509	339992	2.222 ug/ml
4)	N-TETRADECANE	8.310	333267	2.135 ug/ml
5)	N-HEXADECANE	9.915	324447	2.094 ug/ml
6)	N-OCTADECANE	11.362	319086	2.029 ug/ml
7)	N-EICOSANE	12.675	315769	2.038 ug/ml
8)	N-DOCOSANE	13.877	308059	2.005 ug/ml
10)	N-TETRACOSANE	14.984	306507	2.014 ug/ml
11)	N-HEXACOSANE	16.009	294944	1.980 ug/ml
12)	N-OCTACOSANE	16.962	297292	2.030 ug/ml
13)	N-TRIACONTANE	17.851	306745	2.146 ug/ml
14)	N-DOTRIACONTANE	18.686	318223	2.333 ug/ml
15)	N-TETRATRIACONTANE	19.472	310864	2.418 ug/ml
16)	N-HEXATRIACONTANE	20.213	289418	2.473 ug/ml
17)	N-OCTATRIACONTANE	20.974	275546	2.545 ug/ml
18)	N-TETRACONTANE	21.935	214064	1.954 ug/ml

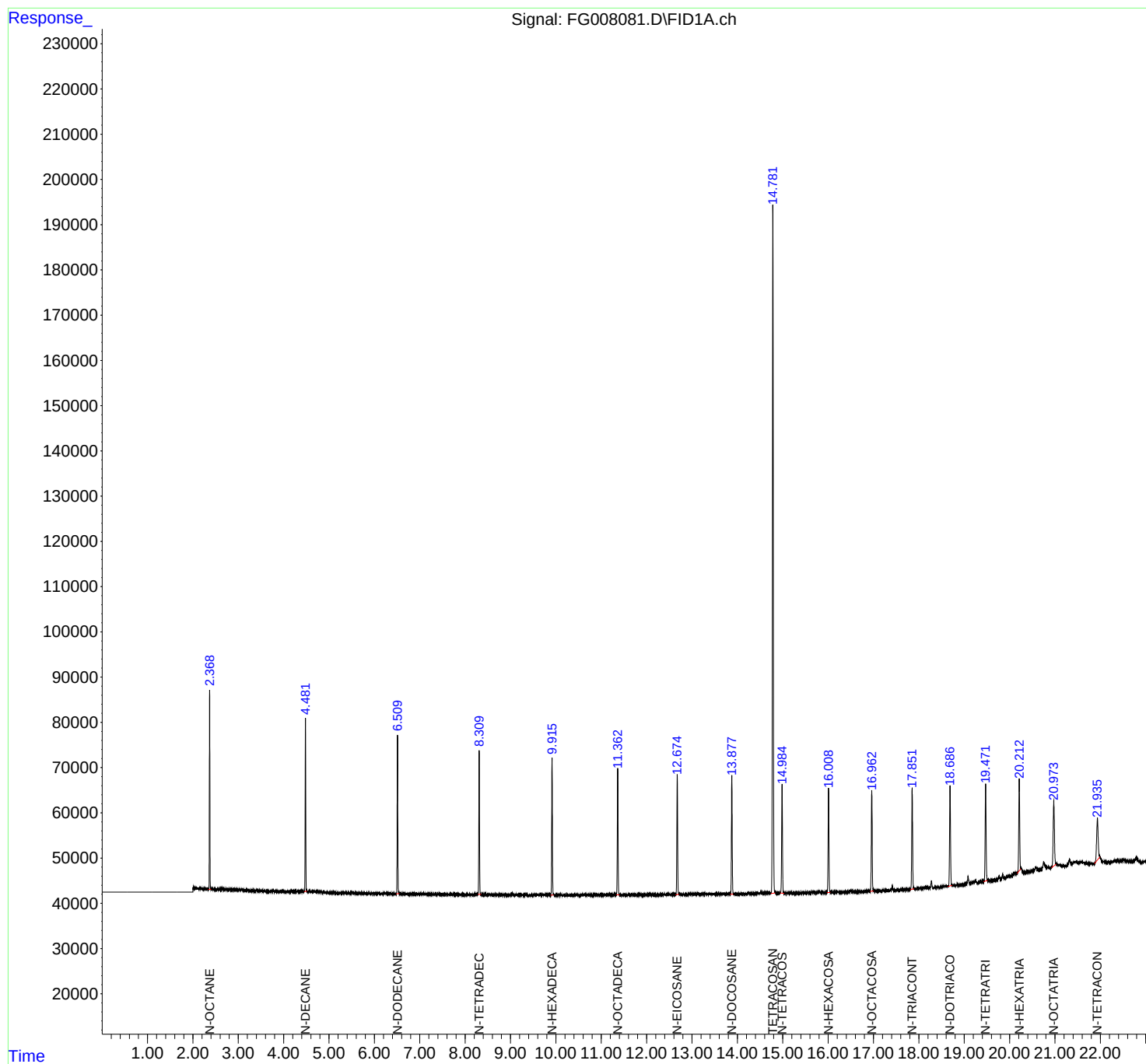
(f)=RT Delta > 1/2 Window

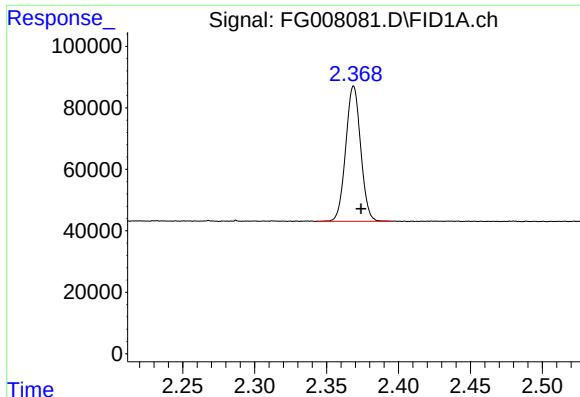
(m)=manual int.

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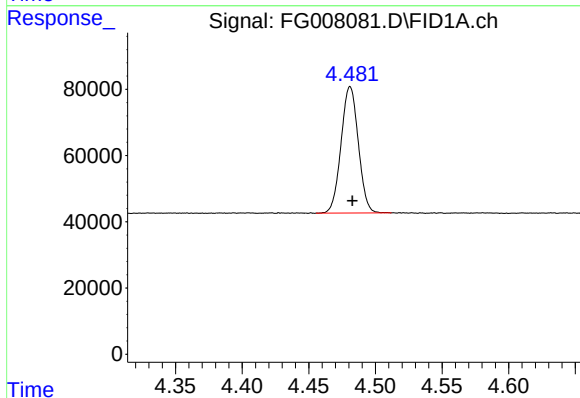
Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





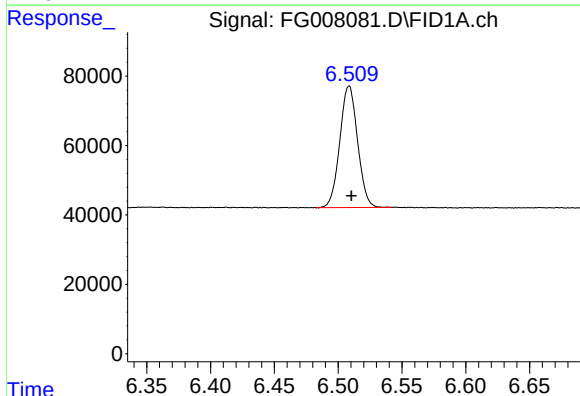
#1 N-OCTANE

R.T.: 2.369 min
Delta R.T.: -0.005 min
Response: 320143
Conc: 2.16 ug/ml



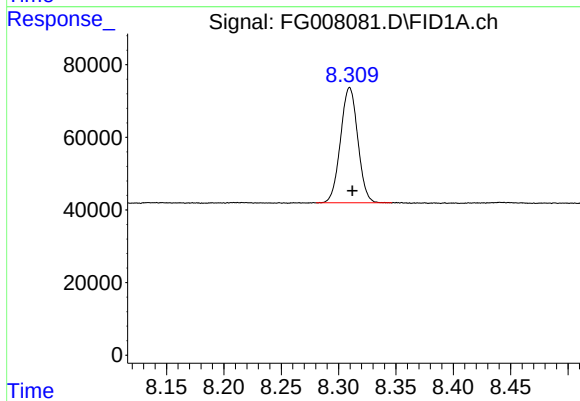
#2 N-DECANE

R.T.: 4.481 min
Delta R.T.: -0.002 min
Response: 344642
Conc: 2.28 ug/ml



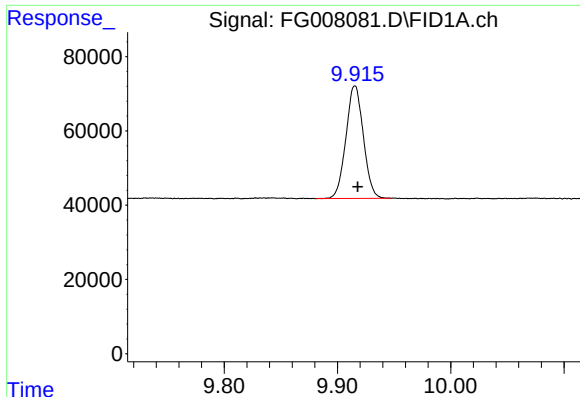
#3 N-DODECANE

R.T.: 6.509 min
Delta R.T.: -0.002 min
Response: 339992
Conc: 2.22 ug/ml



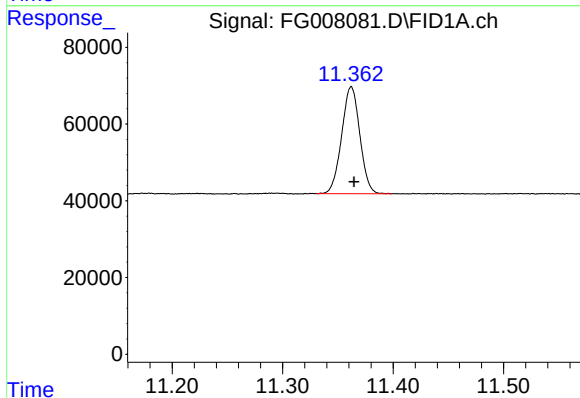
#4 N-TETRADECANE

R.T.: 8.310 min
Delta R.T.: -0.002 min
Response: 333267
Conc: 2.14 ug/ml



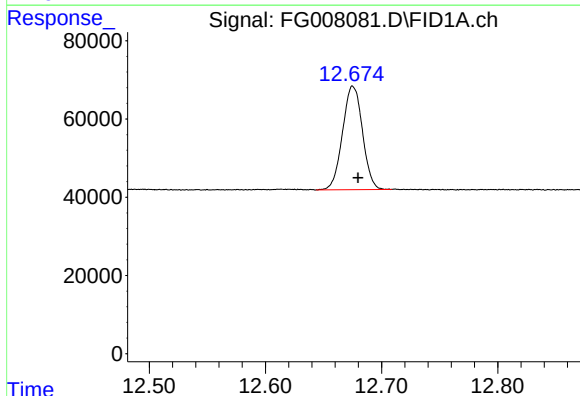
#5 N-HEXADECANE

R.T.: 9.915 min
Delta R.T.: -0.003 min
Response: 324447
Conc: 2.09 ug/ml



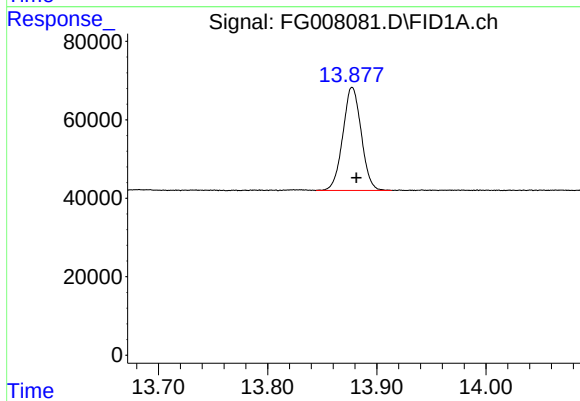
#6 N-OCTADECANE

R.T.: 11.362 min
Delta R.T.: -0.003 min
Response: 319086
Conc: 2.03 ug/ml



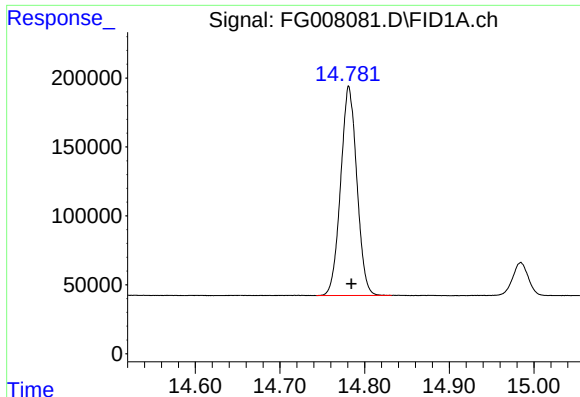
#7 N-EICOSANE

R.T.: 12.675 min
Delta R.T.: -0.004 min
Response: 315769
Conc: 2.04 ug/ml



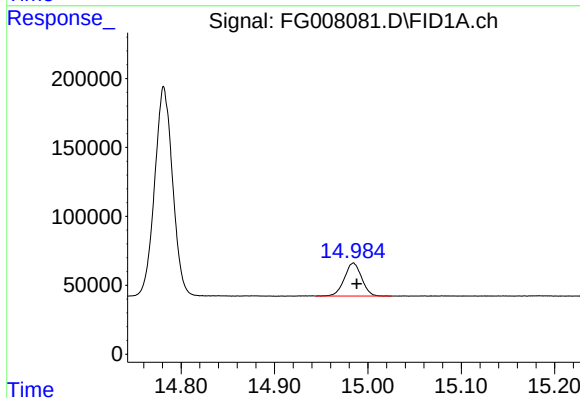
#8 N-DOCOSANE

R.T.: 13.877 min
Delta R.T.: -0.004 min
Response: 308059
Conc: 2.00 ug/ml



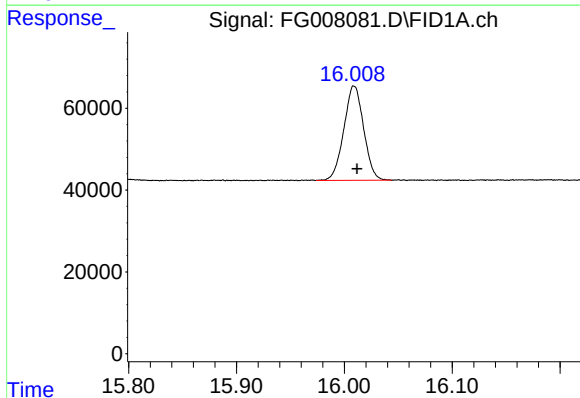
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.781 min
Delta R.T.: -0.003 min
Response: 2022869
Conc: 15.19 ug/ml



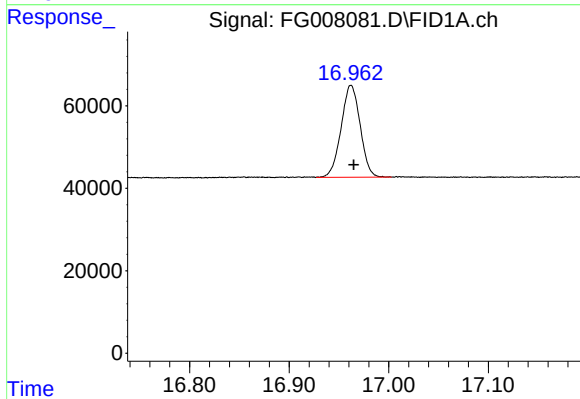
#10 N-TETRACOSANE

R.T.: 14.984 min
Delta R.T.: -0.003 min
Response: 306507
Conc: 2.01 ug/ml



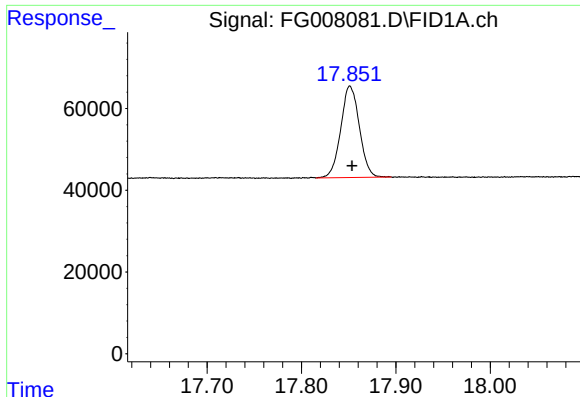
#11 N-HEXACOSANE

R.T.: 16.009 min
Delta R.T.: -0.003 min
Response: 294944
Conc: 1.98 ug/ml



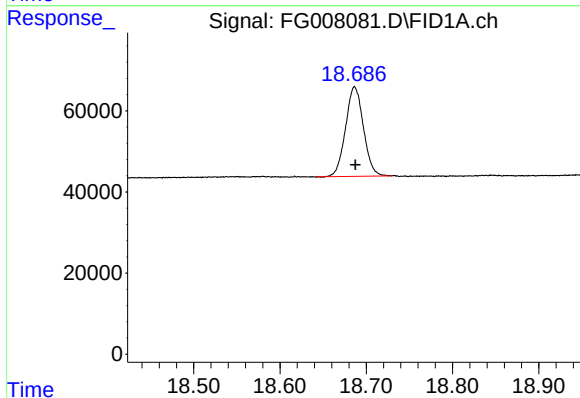
#12 N-OCTACOSANE

R.T.: 16.962 min
Delta R.T.: -0.003 min
Response: 297292
Conc: 2.03 ug/ml



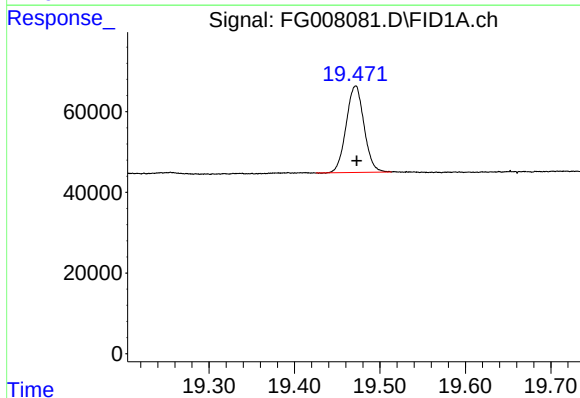
#13 N-TRIACONTANE

R.T.: 17.851 min
Delta R.T.: -0.002 min
Response: 306745
Conc: 2.15 ug/ml



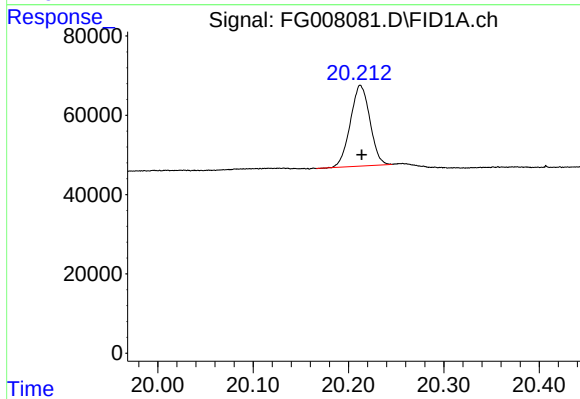
#14 N-DOTRIACONTANE

R.T.: 18.686 min
Delta R.T.: 0.000 min
Response: 318223
Conc: 2.33 ug/ml



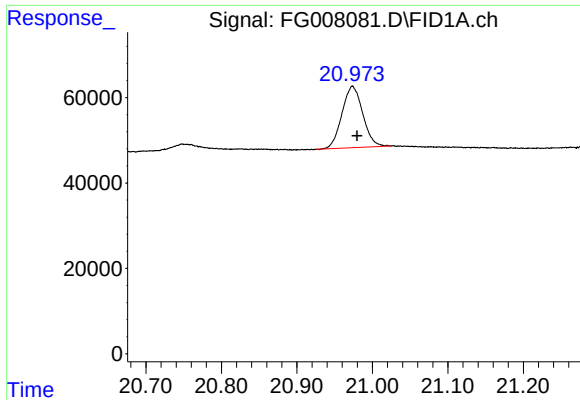
#15 N-TETRATRIACONTANE

R.T.: 19.472 min
Delta R.T.: -0.001 min
Response: 310864
Conc: 2.42 ug/ml



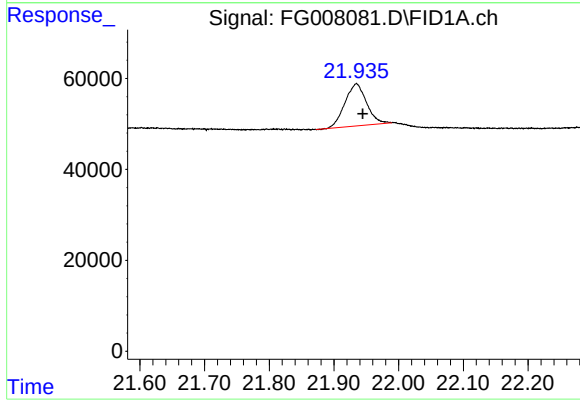
#16 N-HEXATRIACONTANE

R.T.: 20.213 min
Delta R.T.: -0.001 min
Response: 289418
Conc: 2.47 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.974 min
Delta R.T.: -0.006 min
Response: 275546
Conc: 2.54 ug/ml



#18 N-TETRACONTANE

R.T.: 21.935 min
Delta R.T.: -0.010 min
Response: 214064
Conc: 1.95 ug/ml