

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG021623\
 Data File : FG011388.D
 Signal(s) : FID1A.ch
 Acq On : 16 Feb 2023 10:25
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 17 04:16:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG013023.M
 Quant Title :
 QLast Update : Mon Jan 30 21:53:23 2023
 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...	15.067	5532495	41.917 ug/ml
Target Compounds			
1) N-OCTANE	2.073	6128519	46.546 ug/ml
2) N-DECANE	4.591	6318307	45.468 ug/ml
3) N-DODECANE	6.761	6440626	45.308 ug/ml
4) N-TETRADECANE	8.592	6448254	44.967 ug/ml
5) N-HEXADECANE	10.203	6566252	44.478 ug/ml
6) N-OCTADECANE	11.650	6581704	43.979 ug/ml
7) N-EICOSANE	12.964	6537161	43.409 ug/ml
8) N-DOCOSANE	14.164	6284586	42.767 ug/ml
10) N-TETRACOSANE	15.271	6201030	42.001 ug/ml
11) N-HEXACOSANE	16.295	5999689	41.414 ug/ml
12) N-OCTACOSANE	17.247	5802308	40.824 ug/ml
13) N-TRIACONTANE	18.136	5565108	39.918 ug/ml
14) N-DOTRIACONTANE	18.970	5209503	37.477 ug/ml
15) N-TETRATRIACONTANE	19.756	4801600	38.544 ug/ml
16) N-HEXATRIACONTANE	20.497	4502959	38.811 ug/ml
17) N-OCTATRIACONTANE	21.250	4464181	40.415 ug/ml
18) N-TETRACONTANE	22.191	4426984	39.363 ug/ml

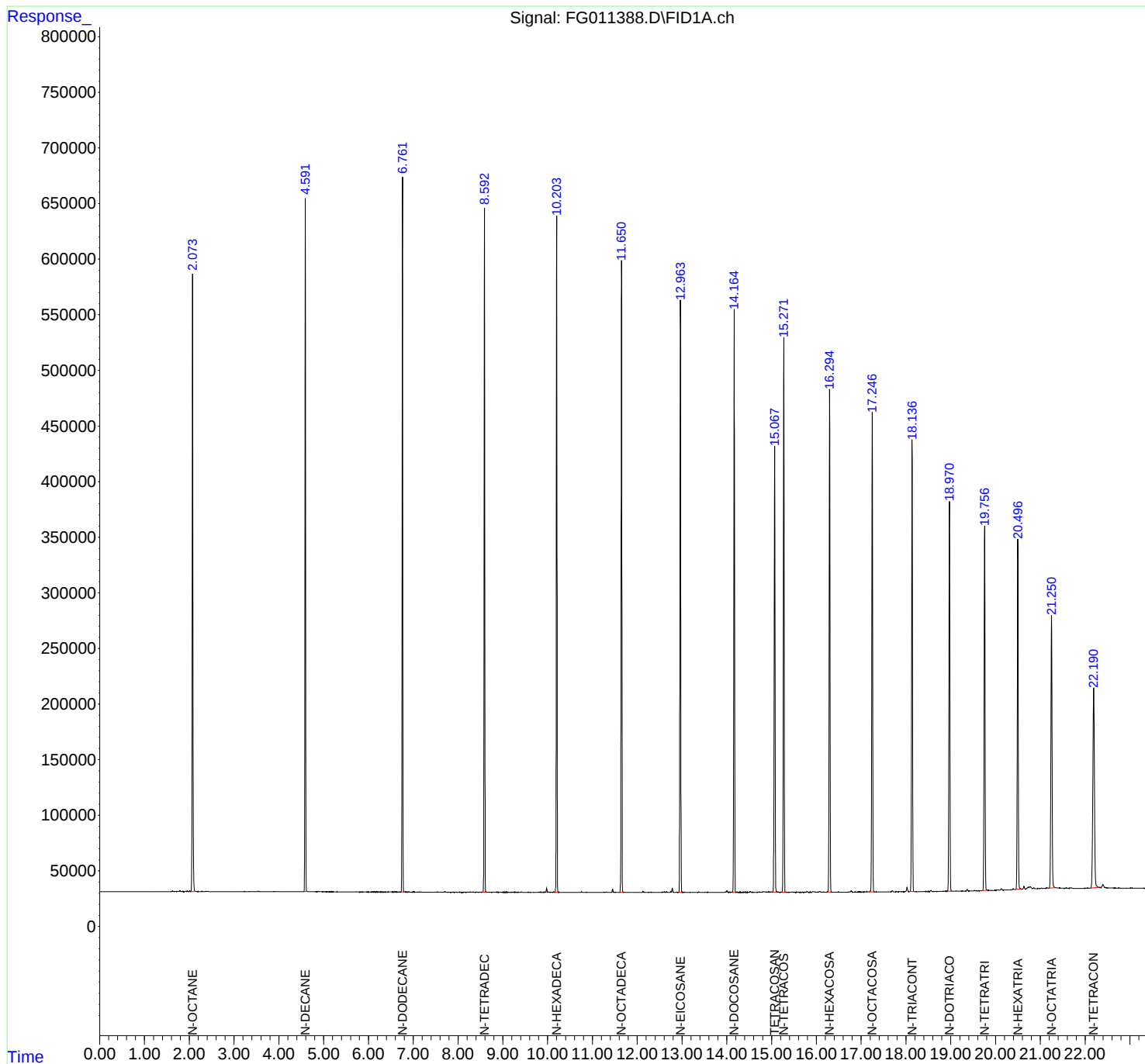
(f)=RT Delta > 1/2 Window

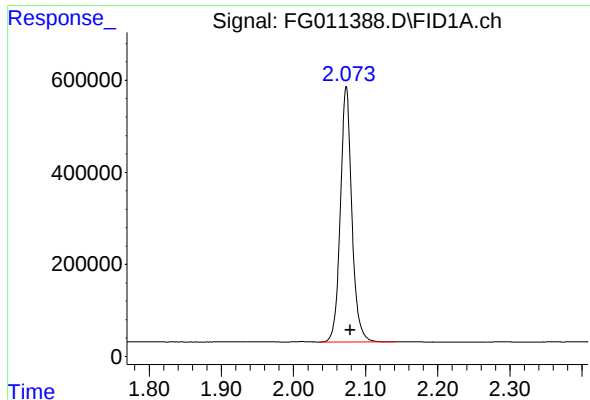
(m)=manual int.

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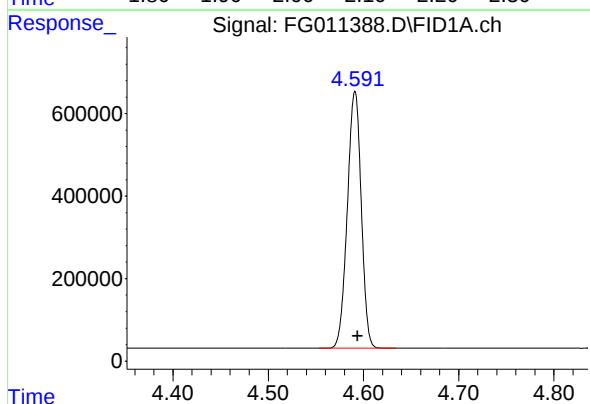
Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





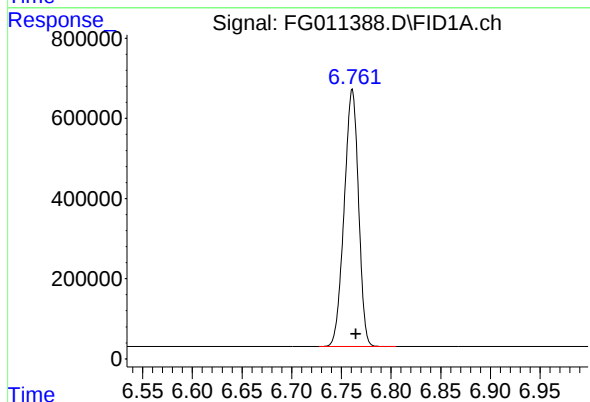
#1 N-OCTANE

R.T.: 2.073 min
Delta R.T.: -0.006 min
Response: 6128519
Conc: 46.55 ug/ml



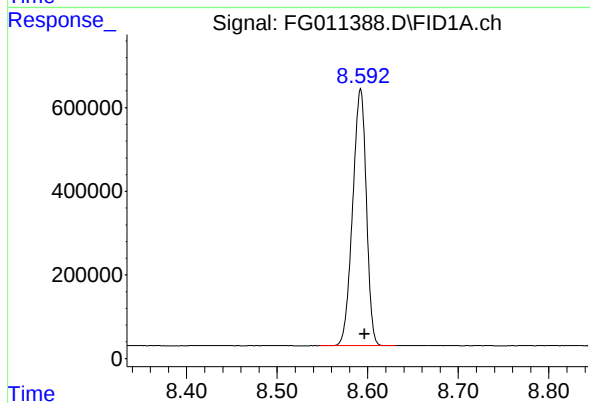
#2 N-DECANE

R.T.: 4.591 min
Delta R.T.: -0.003 min
Response: 6318307
Conc: 45.47 ug/ml



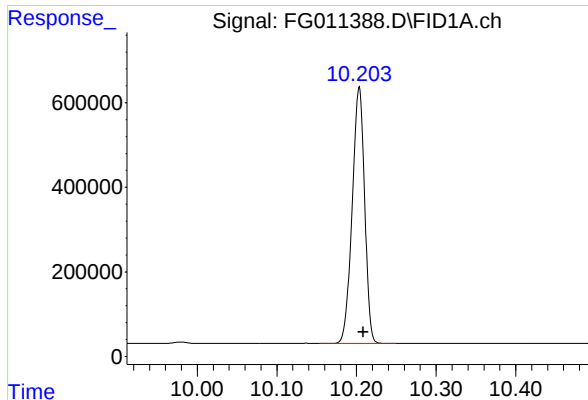
#3 N-DODECANE

R.T.: 6.761 min
Delta R.T.: -0.003 min
Response: 6440626
Conc: 45.31 ug/ml



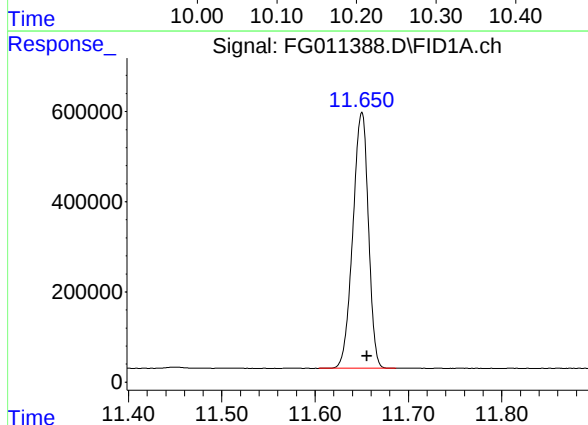
#4 N-TETRADECANE

R.T.: 8.592 min
Delta R.T.: -0.004 min
Response: 6448254
Conc: 44.97 ug/ml



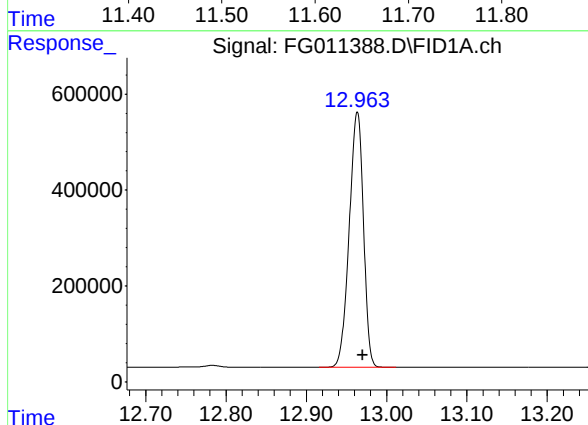
#5 N-HEXADECANE

R.T.: 10.203 min
Delta R.T.: -0.005 min
Response: 6566252
Conc: 44.48 ug/ml



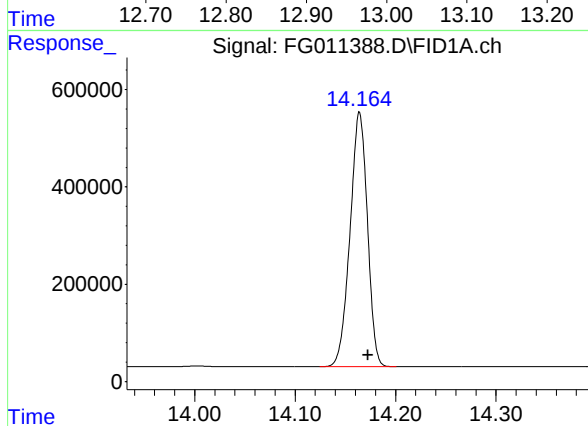
#6 N-OCTADECANE

R.T.: 11.650 min
Delta R.T.: -0.006 min
Response: 6581704
Conc: 43.98 ug/ml



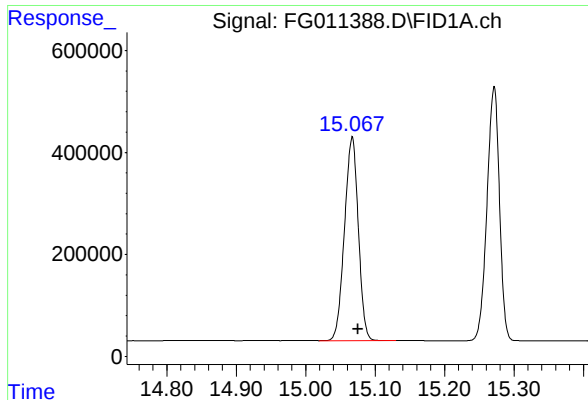
#7 N-EICOSANE

R.T.: 12.964 min
Delta R.T.: -0.007 min
Response: 6537161
Conc: 43.41 ug/ml



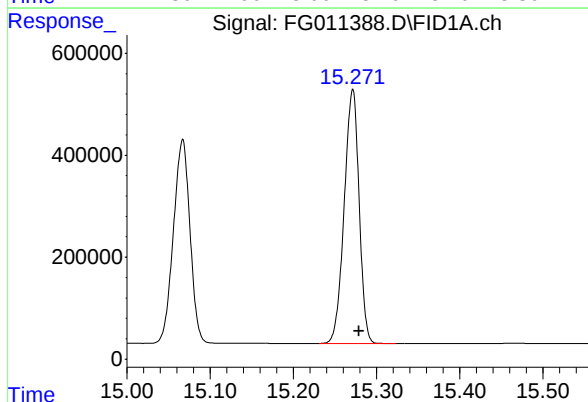
#8 N-DOCOSANE

R.T.: 14.164 min
Delta R.T.: -0.009 min
Response: 6284586
Conc: 42.77 ug/ml



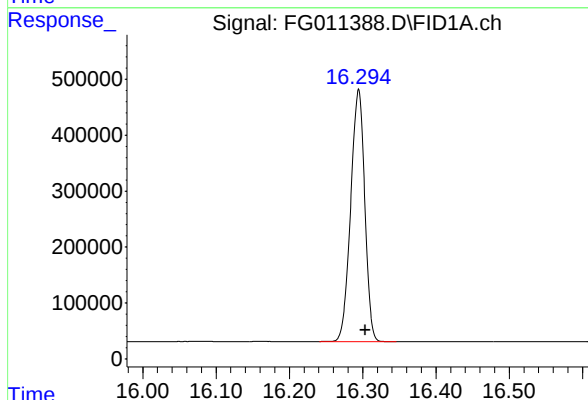
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.067 min
Delta R.T.: -0.008 min
Response: 5532495
Conc: 41.92 ug/ml



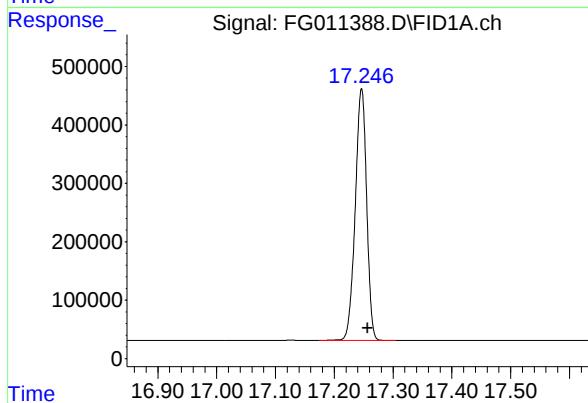
#10 N-TETRACOSANE

R.T.: 15.271 min
Delta R.T.: -0.008 min
Response: 6201030
Conc: 42.00 ug/ml



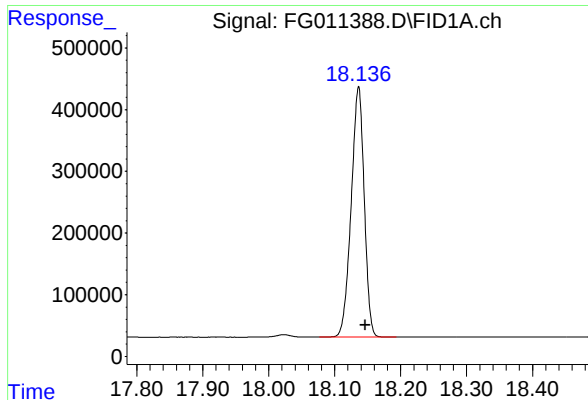
#11 N-HEXACOSANE

R.T.: 16.295 min
Delta R.T.: -0.009 min
Response: 5999689
Conc: 41.41 ug/ml



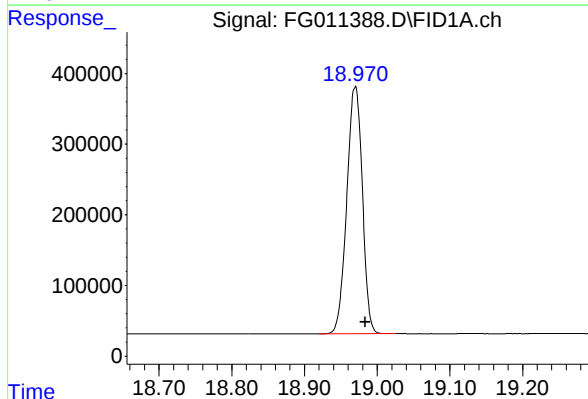
#12 N-OCTACOSANE

R.T.: 17.247 min
Delta R.T.: -0.010 min
Response: 5802308
Conc: 40.82 ug/ml



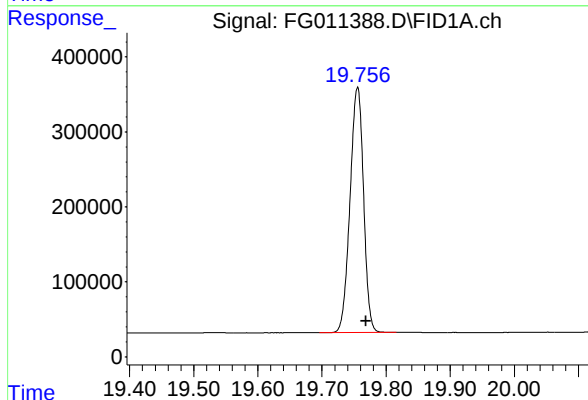
#13 N-TRIACONTANE

R.T.: 18.136 min
Delta R.T.: -0.010 min
Response: 5565108
Conc: 39.92 ug/ml



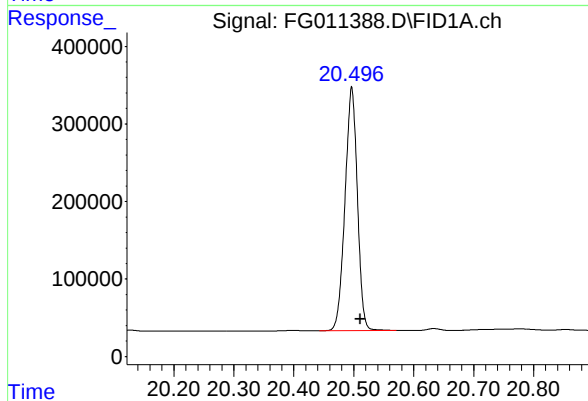
#14 N-DOTRIACONTANE

R.T.: 18.970 min
Delta R.T.: -0.014 min
Response: 5209503
Conc: 37.48 ug/ml



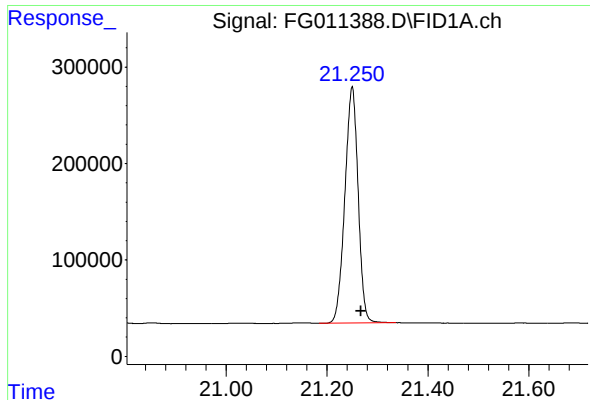
#15 N-TETRATRIACONTANE

R.T.: 19.756 min
Delta R.T.: -0.013 min
Response: 4801600
Conc: 38.54 ug/ml



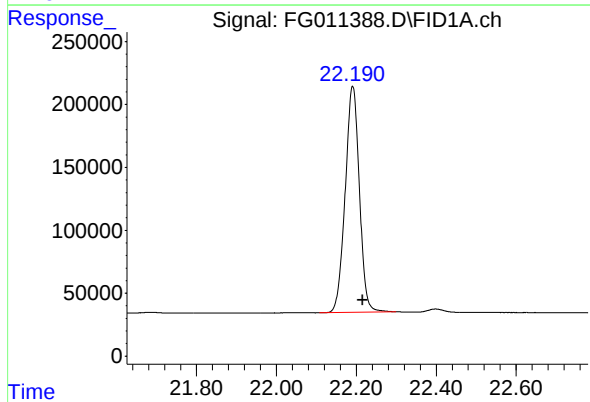
#16 N-HEXATRIACONTANE

R.T.: 20.497 min
Delta R.T.: -0.015 min
Response: 4502959
Conc: 38.81 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.250 min
Delta R.T.: -0.018 min
Response: 4464181
Conc: 40.42 ug/ml



#18 N-TETRACONTANE

R.T.: 22.191 min
Delta R.T.: -0.025 min
Response: 4426984
Conc: 39.36 ug/ml