

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG080525\
 Data File : FG016350.D
 Signal(s) : FID1A.ch
 Acq On : 05 Aug 2025 13:24
 Operator : YP\AJ
 Sample : FG080525ICV
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 05 13:34:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
 Quant Title :
 QLast Update : Tue Aug 05 12:47:26 2025
 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...	15.211	4598105	48.262 ug/ml
Target Compounds			
1) N-OCTANE	2.116	5072038	47.796 ug/ml
2) N-DECANE	4.669	5156916	47.720 ug/ml
3) N-DODECANE	6.855	5180651	47.670 ug/ml
4) N-TETRADECANE	8.698	5201141	47.569 ug/ml
5) N-HEXADECANE	10.319	5171627	47.578 ug/ml
6) N-OCTADECANE	11.774	5264711	47.595 ug/ml
7) N-EICOSANE	13.096	5397936	47.759 ug/ml
8) N-DOCOSANE	14.306	5263216	47.909 ug/ml
10) N-TETRACOSANE	15.418	5284682	48.230 ug/ml
11) N-HEXACOSANE	16.446	5193313	48.559 ug/ml
12) N-OCTACOSANE	17.403	5250845	48.740 ug/ml
13) N-TRIACONTANE	18.297	5302793	48.668 ug/ml
14) N-DOTRIACONTANE	19.136	5159100	48.980 ug/ml
15) N-TETRATRIACONTANE	19.924	4707112	49.400 ug/ml
16) N-HEXATRIACONTANE	20.670	4075605	54.545 ug/ml
17) N-OCTATRIACONTANE	21.465	3418181	57.009 ug/ml
18) N-TETRACONTANE	22.477	2788369	66.339 ug/ml

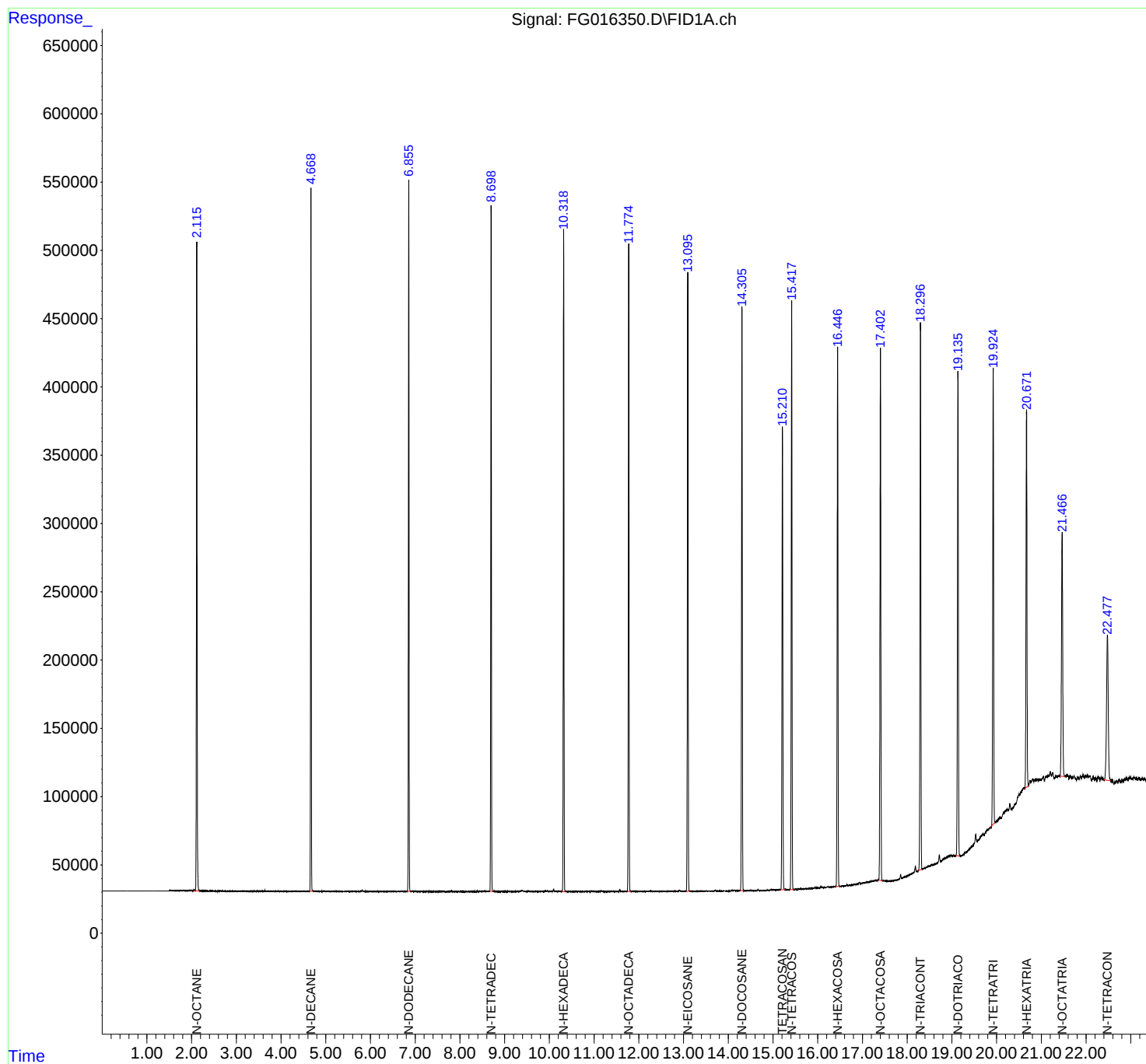
(f)=RT Delta > 1/2 Window

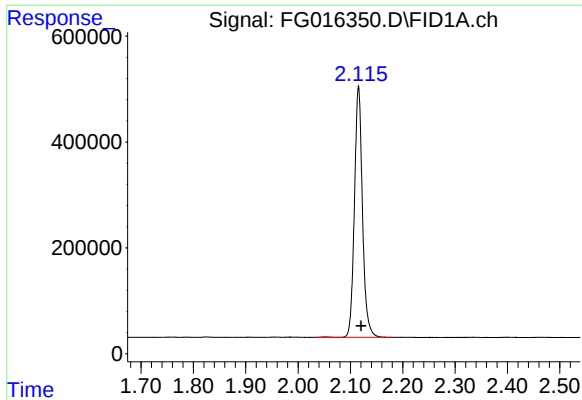
(m)=manual int.

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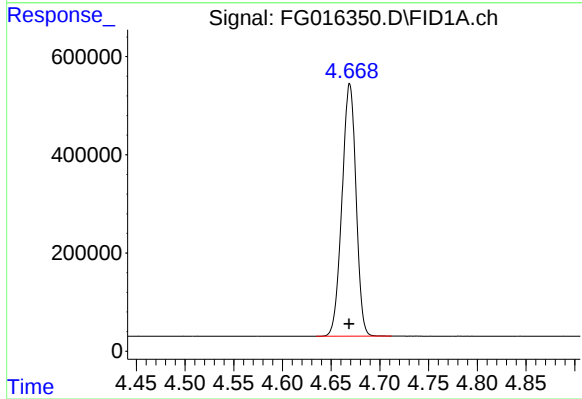
Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





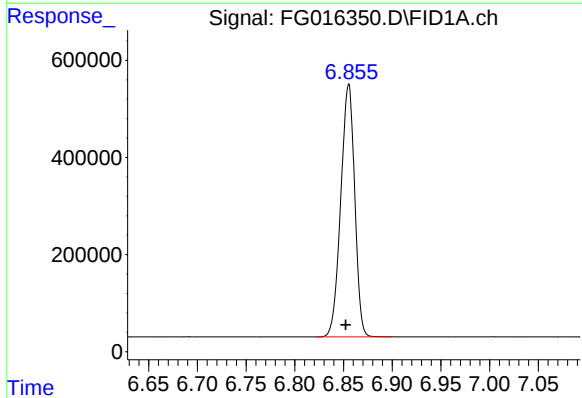
#1 N-OCTANE

R.T.: 2.116 min
Delta R.T.: -0.004 min
Response: 5072038
Conc: 47.80 ug/ml



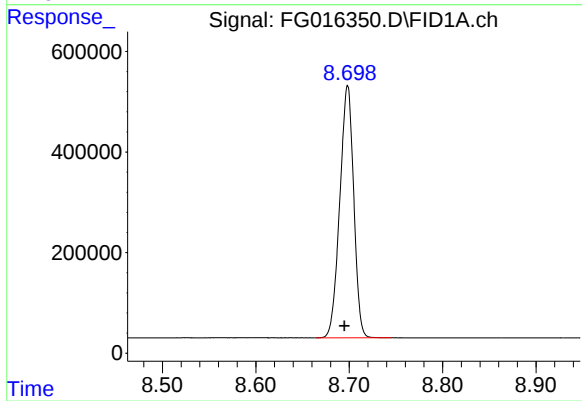
#2 N-DECANE

R.T.: 4.669 min
Delta R.T.: 0.000 min
Response: 5156916
Conc: 47.72 ug/ml



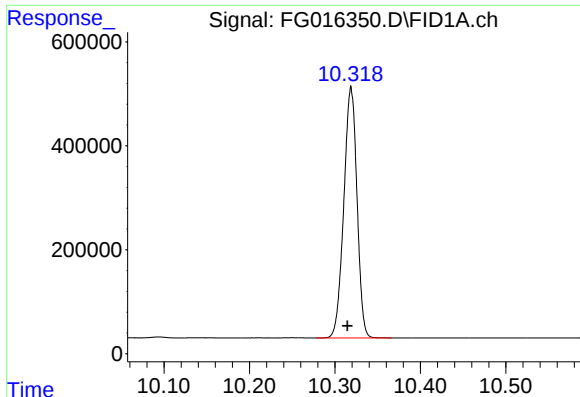
#3 N-DODECANE

R.T.: 6.855 min
Delta R.T.: 0.003 min
Response: 5180651
Conc: 47.67 ug/ml



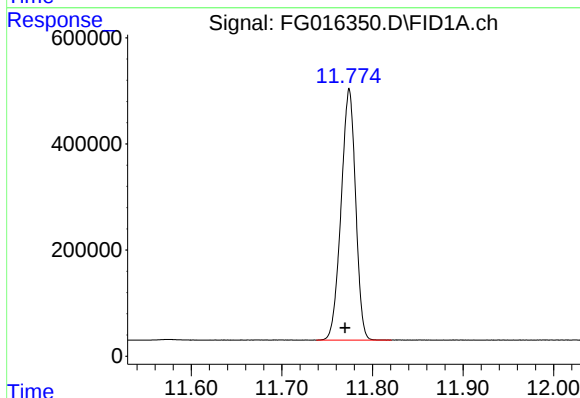
#4 N-TETRADECANE

R.T.: 8.698 min
Delta R.T.: 0.004 min
Response: 5201141
Conc: 47.57 ug/ml



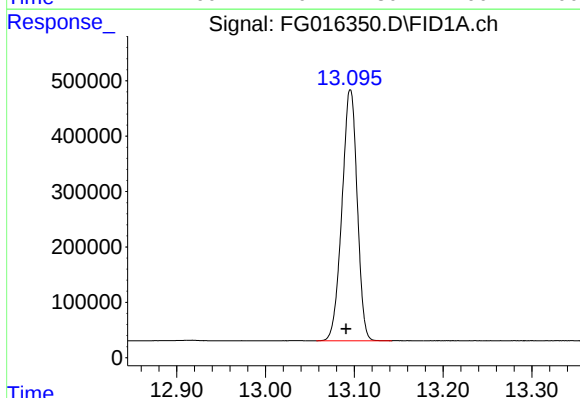
#5 N-HEXADECANE

R.T.: 10.319 min
Delta R.T.: 0.004 min
Response: 5171627
Conc: 47.58 ug/ml



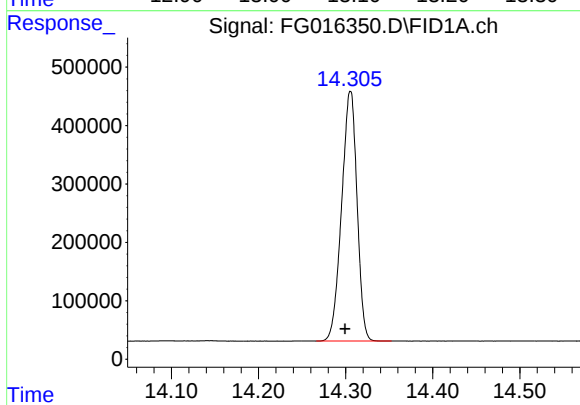
#6 N-OCTADECANE

R.T.: 11.774 min
Delta R.T.: 0.005 min
Response: 5264711
Conc: 47.59 ug/ml



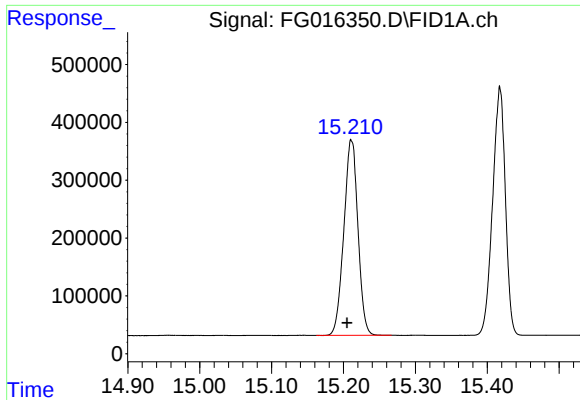
#7 N-EICOSANE

R.T.: 13.096 min
Delta R.T.: 0.005 min
Response: 5397936
Conc: 47.76 ug/ml



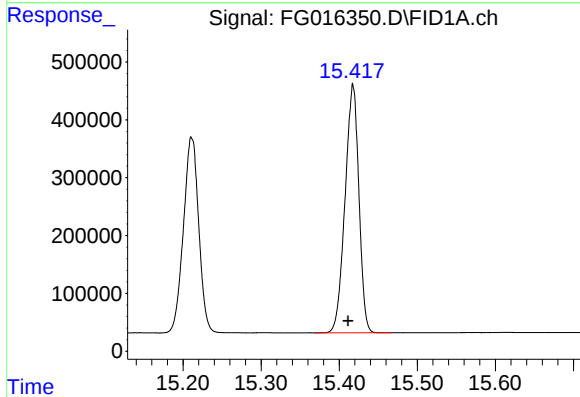
#8 N-DOCOSANE

R.T.: 14.306 min
Delta R.T.: 0.006 min
Response: 5263216
Conc: 47.91 ug/ml



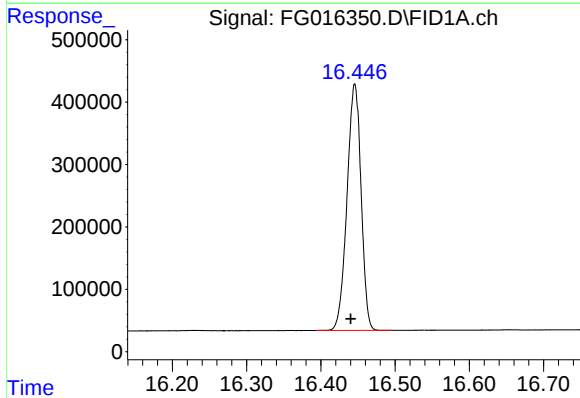
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.211 min
Delta R.T.: 0.006 min
Response: 4598105
Conc: 48.26 ug/ml



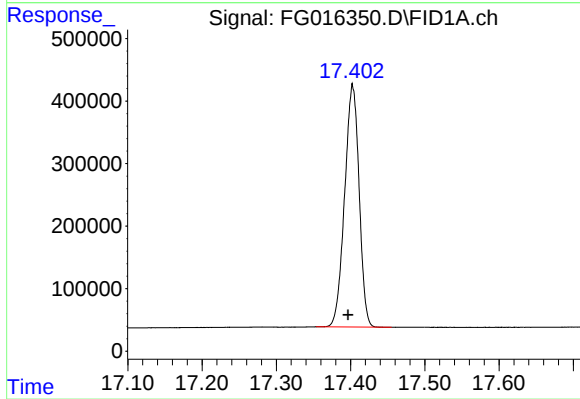
#10 N-TETRACOSANE

R.T.: 15.418 min
Delta R.T.: 0.007 min
Response: 5284682
Conc: 48.23 ug/ml



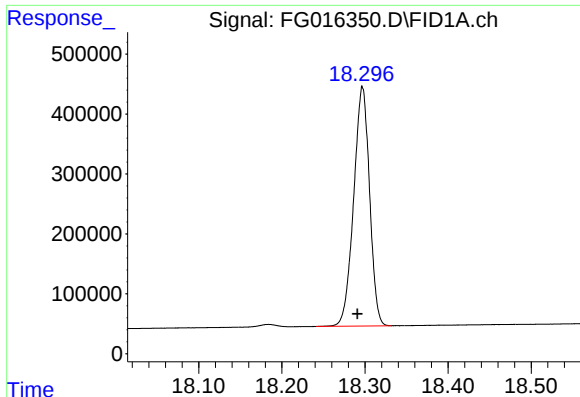
#11 N-HEXACOSANE

R.T.: 16.446 min
Delta R.T.: 0.005 min
Response: 5193313
Conc: 48.56 ug/ml



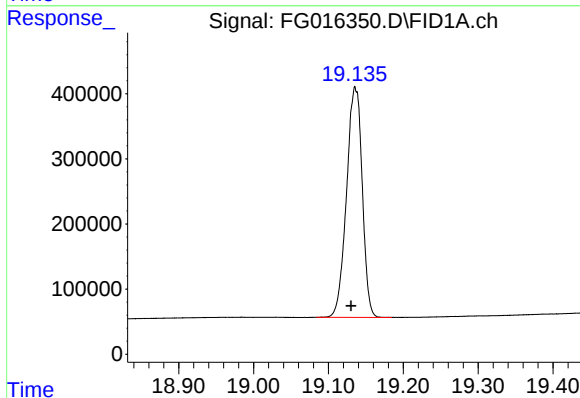
#12 N-OCTACOSANE

R.T.: 17.403 min
Delta R.T.: 0.006 min
Response: 5250845
Conc: 48.74 ug/ml



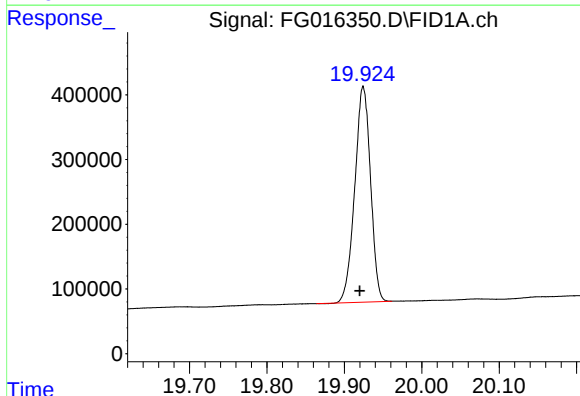
#13 N-TRIACONTANE

R.T.: 18.297 min
Delta R.T.: 0.006 min
Response: 5302793
Conc: 48.67 ug/ml



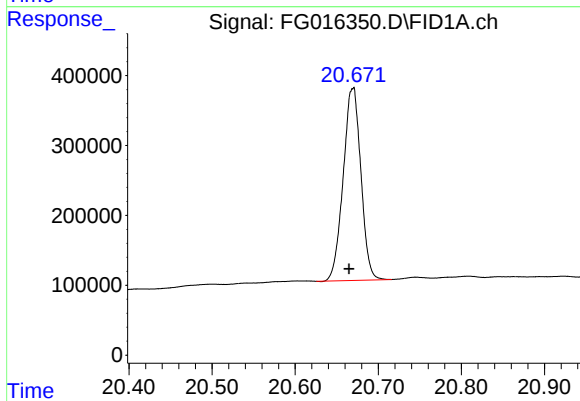
#14 N-DOTRIACONTANE

R.T.: 19.136 min
Delta R.T.: 0.006 min
Response: 5159100
Conc: 48.98 ug/ml



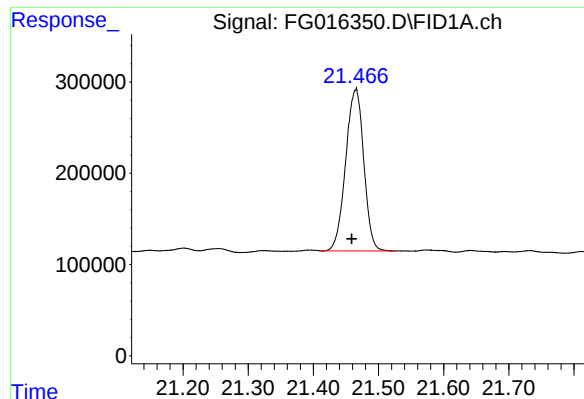
#15 N-TETRATRIACONTANE

R.T.: 19.924 min
Delta R.T.: 0.004 min
Response: 4707112
Conc: 49.40 ug/ml



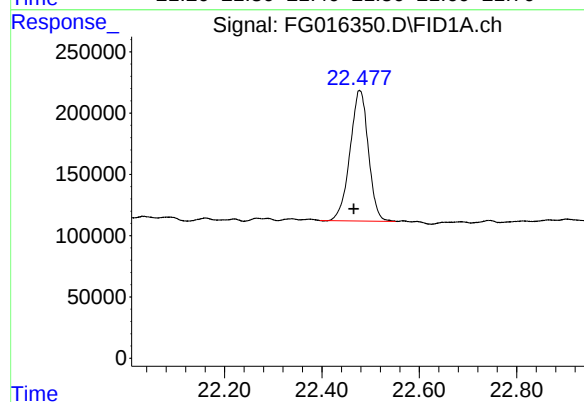
#16 N-HEXATRIACONTANE

R.T.: 20.670 min
Delta R.T.: 0.005 min
Response: 4075605
Conc: 54.55 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.465 min
Delta R.T.: 0.007 min
Response: 3418181
Conc: 57.01 ug/ml



#18 N-TETRACONTANE

R.T.: 22.477 min
Delta R.T.: 0.012 min
Response: 2788369
Conc: 66.34 ug/ml