

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022223\
 Data File : FE040500.D
 Signal(s) : FID1B.ch
 Acq On : 22 Feb 2023 19:40
 Operator : YP\AJ
 Sample : 01627-07
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 19 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 23 02:25:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE022123.M
 Quant Title :
 QLast Update : Wed Feb 22 06:24:20 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...	14.975	2444668	18.514 ug/ml
Target Compounds			
1) N-OCTANE	2.014	310920	2.240 ug/ml
2) N-DECANE	4.525	290350	2.125 ug/ml
3) N-DODECANE	6.692	271251	1.947 ug/ml
4) N-TETRADECANE	8.521	307284	2.147 ug/ml
5) N-HEXADECANE	10.128	339572	2.288 ug/ml
6) N-OCTADECANE	11.567	364145	2.401 ug/ml
7) N-EICOSANE	12.877	368031	2.420 ug/ml
8) N-DOCOSANE	14.075	374703	2.525 ug/ml
10) N-TETRACOSANE	15.179	371029	2.509 ug/ml
11) N-HEXACOSANE	16.200	359119	2.481 ug/ml
12) N-OCTACOSANE	17.151	365333	2.581 ug/ml
13) N-TRIACONTANE	18.040	366705	2.674 ug/ml
14) N-DOTRIACONTANE	18.873	353234	2.720 ug/ml
15) N-TETRATRIACONTANE	19.657	318686	2.656 ug/ml
16) N-HEXATRIACONTANE	20.398	273868	2.322 ug/ml
17) N-OCTATRIACONTANE	21.129	254451	2.314 ug/ml
18) N-TETRACONTANE	22.026	250136	2.236 ug/ml

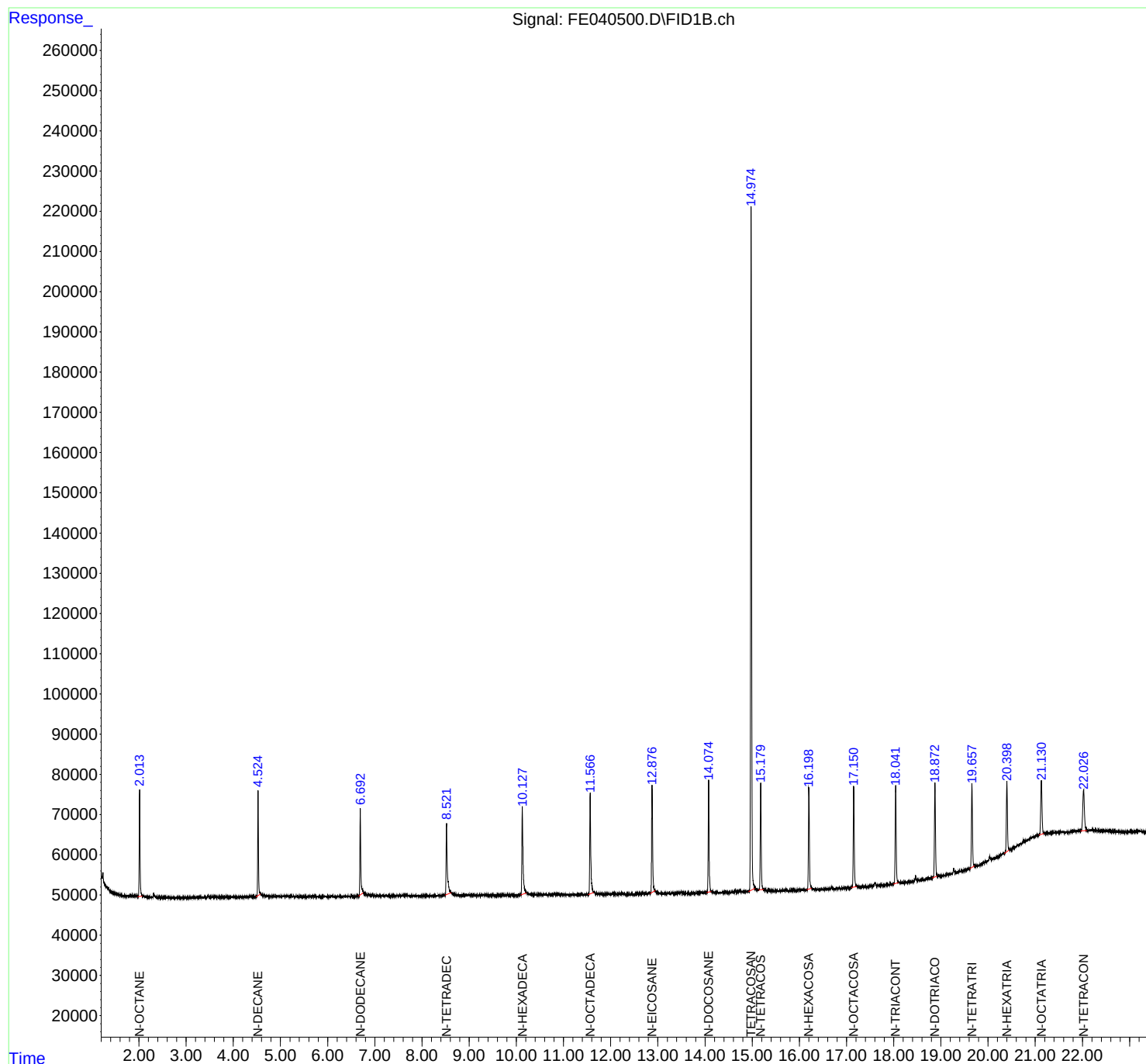
(f)=RT Delta > 1/2 Window

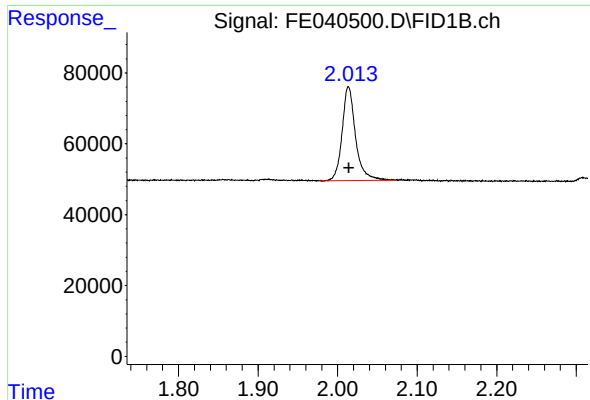
(m)=manual int.

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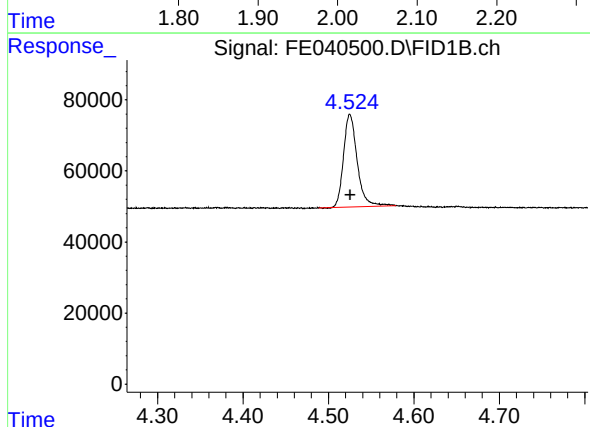
Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





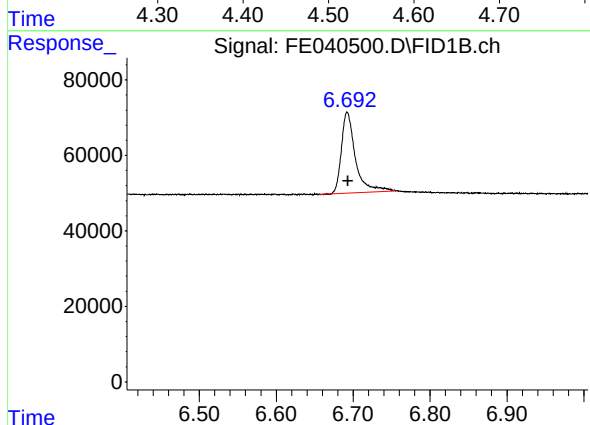
#1 N-OCTANE

R.T.: 2.014 min
Delta R.T.: 0.000 min
Response: 310920
Conc: 2.24 ug/ml



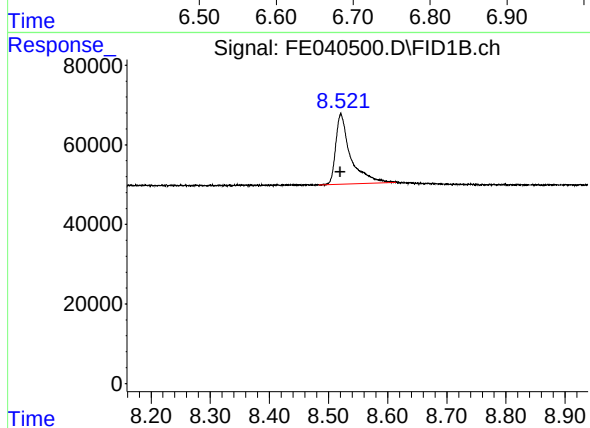
#2 N-DECANE

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 290350
Conc: 2.13 ug/ml



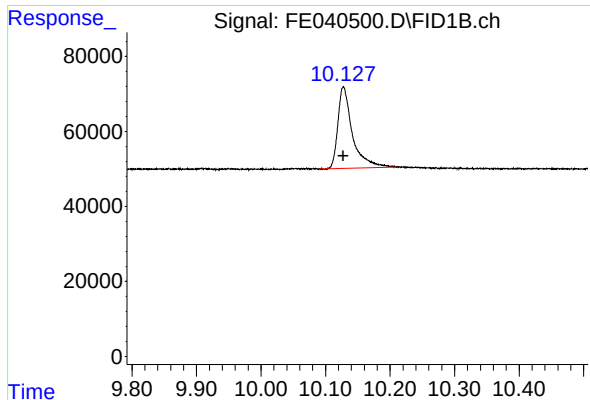
#3 N-DODECANE

R.T.: 6.692 min
Delta R.T.: 0.000 min
Response: 271251
Conc: 1.95 ug/ml



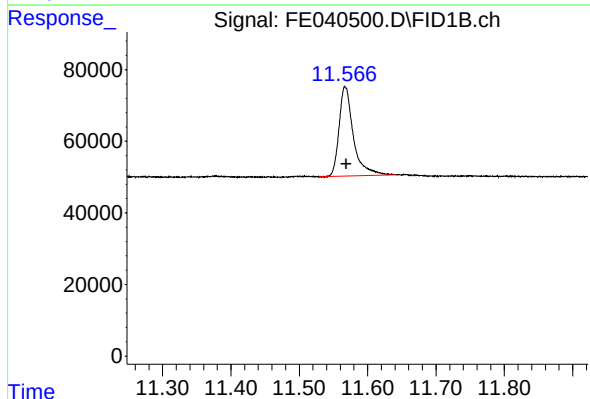
#4 N-TETRADECANE

R.T.: 8.521 min
Delta R.T.: 0.001 min
Response: 307284
Conc: 2.15 ug/ml



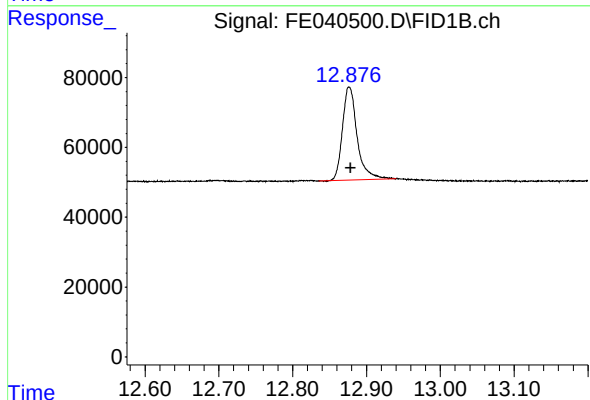
#5 N-HEXADECANE

R.T.: 10.128 min
Delta R.T.: 0.000 min
Response: 339572
Conc: 2.29 ug/ml



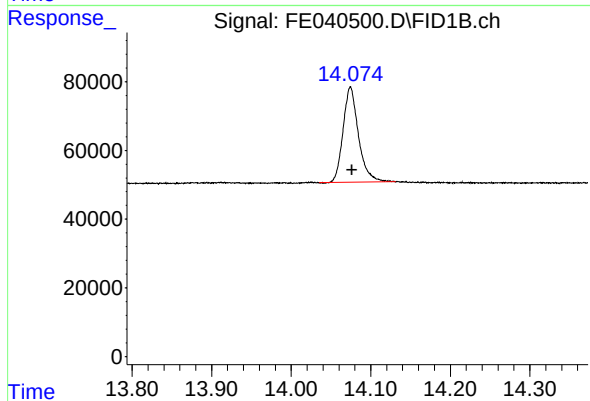
#6 N-OCTADECANE

R.T.: 11.567 min
Delta R.T.: -0.001 min
Response: 364145
Conc: 2.40 ug/ml



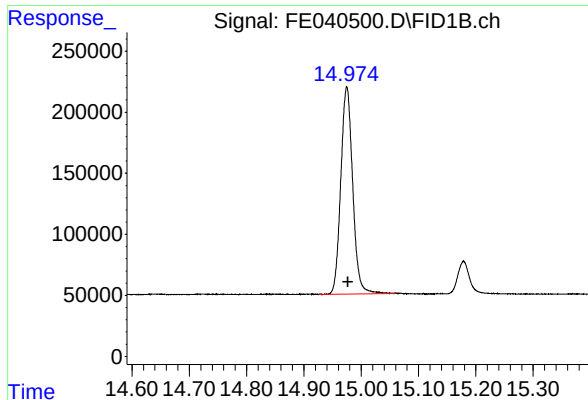
#7 N-EICOSANE

R.T.: 12.877 min
Delta R.T.: -0.002 min
Response: 368031
Conc: 2.42 ug/ml



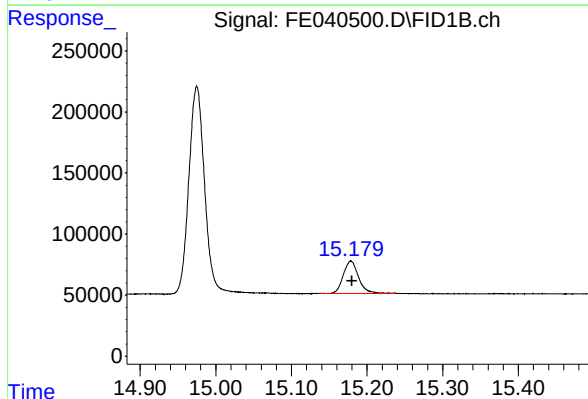
#8 N-DOCOSANE

R.T.: 14.075 min
Delta R.T.: -0.002 min
Response: 374703
Conc: 2.53 ug/ml



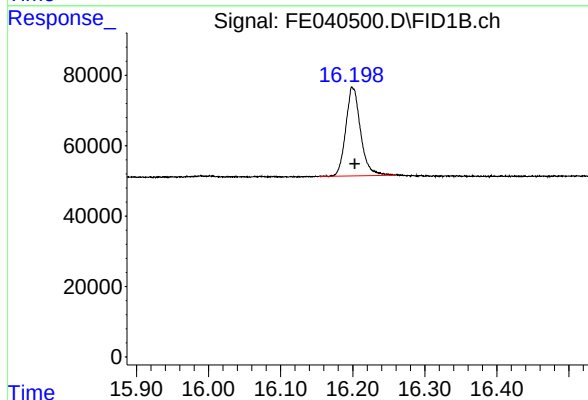
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.975 min
Delta R.T.: -0.002 min
Response: 2444668
Conc: 18.51 ug/ml



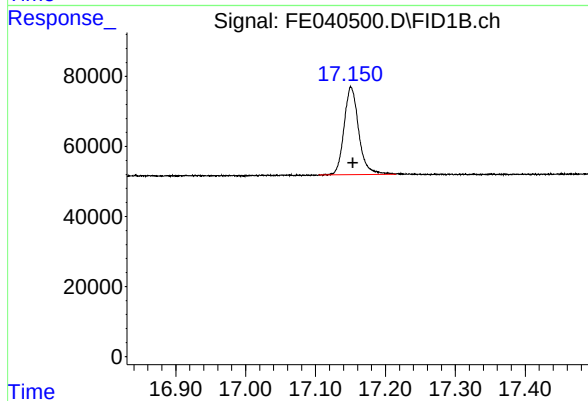
#10 N-TETRACOSANE

R.T.: 15.179 min
Delta R.T.: -0.002 min
Response: 371029
Conc: 2.51 ug/ml



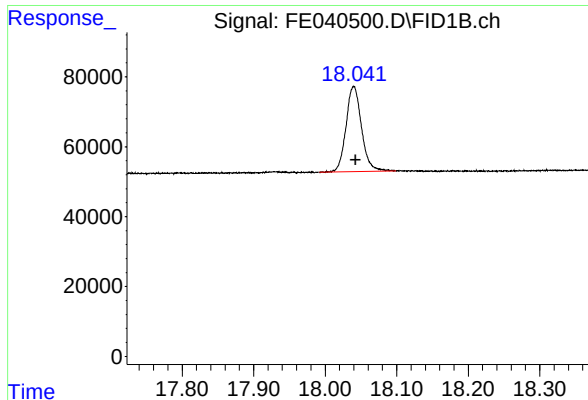
#11 N-HEXACOSANE

R.T.: 16.200 min
Delta R.T.: -0.003 min
Response: 359119
Conc: 2.48 ug/ml



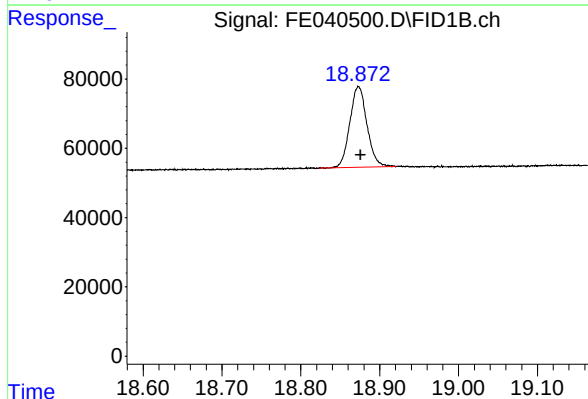
#12 N-OCTACOSANE

R.T.: 17.151 min
Delta R.T.: -0.003 min
Response: 365333
Conc: 2.58 ug/ml



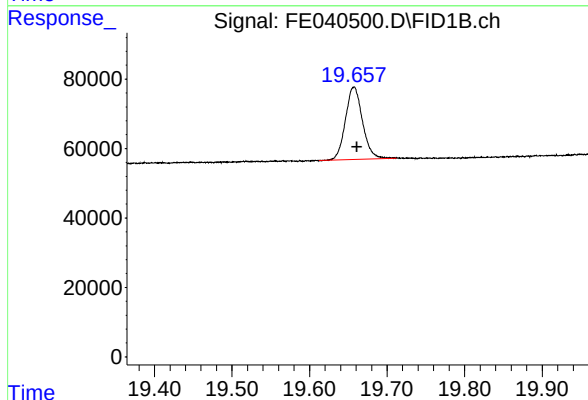
#13 N-TRIACONTANE

R.T.: 18.040 min
Delta R.T.: -0.002 min
Response: 366705
Conc: 2.67 ug/ml



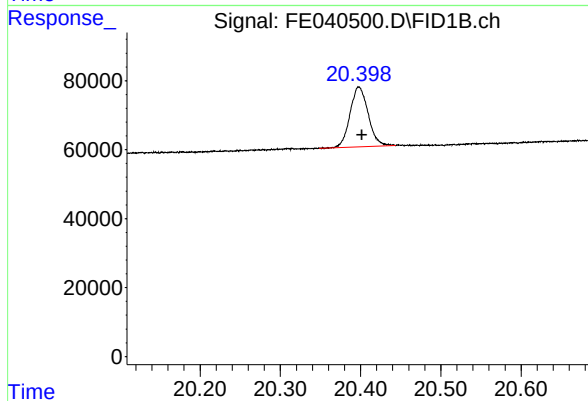
#14 N-DOTRIACONTANE

R.T.: 18.873 min
Delta R.T.: -0.003 min
Response: 353234
Conc: 2.72 ug/ml



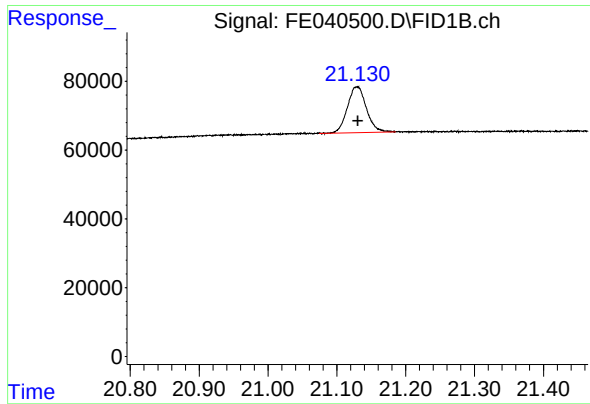
#15 N-TETRATRIACONTANE

R.T.: 19.657 min
Delta R.T.: -0.004 min
Response: 318686
Conc: 2.66 ug/ml



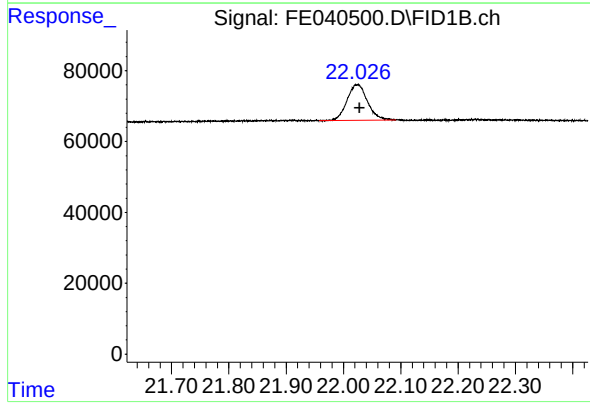
#16 N-HEXATRIACONTANE

R.T.: 20.398 min
Delta R.T.: -0.004 min
Response: 273868
Conc: 2.32 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.129 min
Delta R.T.: -0.002 min
Response: 254451
Conc: 2.31 ug/ml



#18 N-TETRACONTANE

R.T.: 22.026 min
Delta R.T.: -0.003 min
Response: 250136
Conc: 2.24 ug/ml