

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100623\
 Data File : FE044681.D
 Signal(s) : FID1B.ch
 Acq On : 07 Oct 2023 08:43
 Operator : YP\AJ
 Sample : 04699-10
 Misc : 1PPM WATER LOD
 ALS Vial : 48 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 09 00:18:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE100323.M
 Quant Title :
 QLast Update : Tue Oct 03 12:58:41 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...	15.029	3394071	23.134 ug/ml
Target Compounds			
1) N-OCTANE	2.025	240376	1.482 ug/ml
2) N-DECANE	4.552	265836	1.624 ug/ml
3) N-DODECANE	6.721	259623	1.567 ug/ml
4) N-TETRADECANE	8.550	267992	1.613 ug/ml
5) N-HEXADECANE	10.162	273930	1.626 ug/ml
6) N-OCTADECANE	11.609	276078	1.651 ug/ml
7) N-EICOSANE	12.923	270445	1.650 ug/ml
8) N-DOCOSANE	14.125	271760	1.727 ug/ml
10) N-TETRACOSANE	15.232	256822	1.659 ug/ml
11) N-HEXACOSANE	16.256	252628	1.676 ug/ml
12) N-OCTACOSANE	17.208	254974	1.716 ug/ml
13) N-TRIACONTANE	18.097	272241	1.835 ug/ml
14) N-DOTRIACONTANE	18.933	292330	2.017 ug/ml
15) N-TETRATRIACONTANE	19.719	278942	2.181 ug/ml
16) N-HEXATRIACONTANE	20.463	263521	2.495 ug/ml
17) N-OCTATRIACONTANE	21.210	252463	2.537 ug/ml
18) N-TETRACONTANE	22.140	262903	2.574 ug/ml

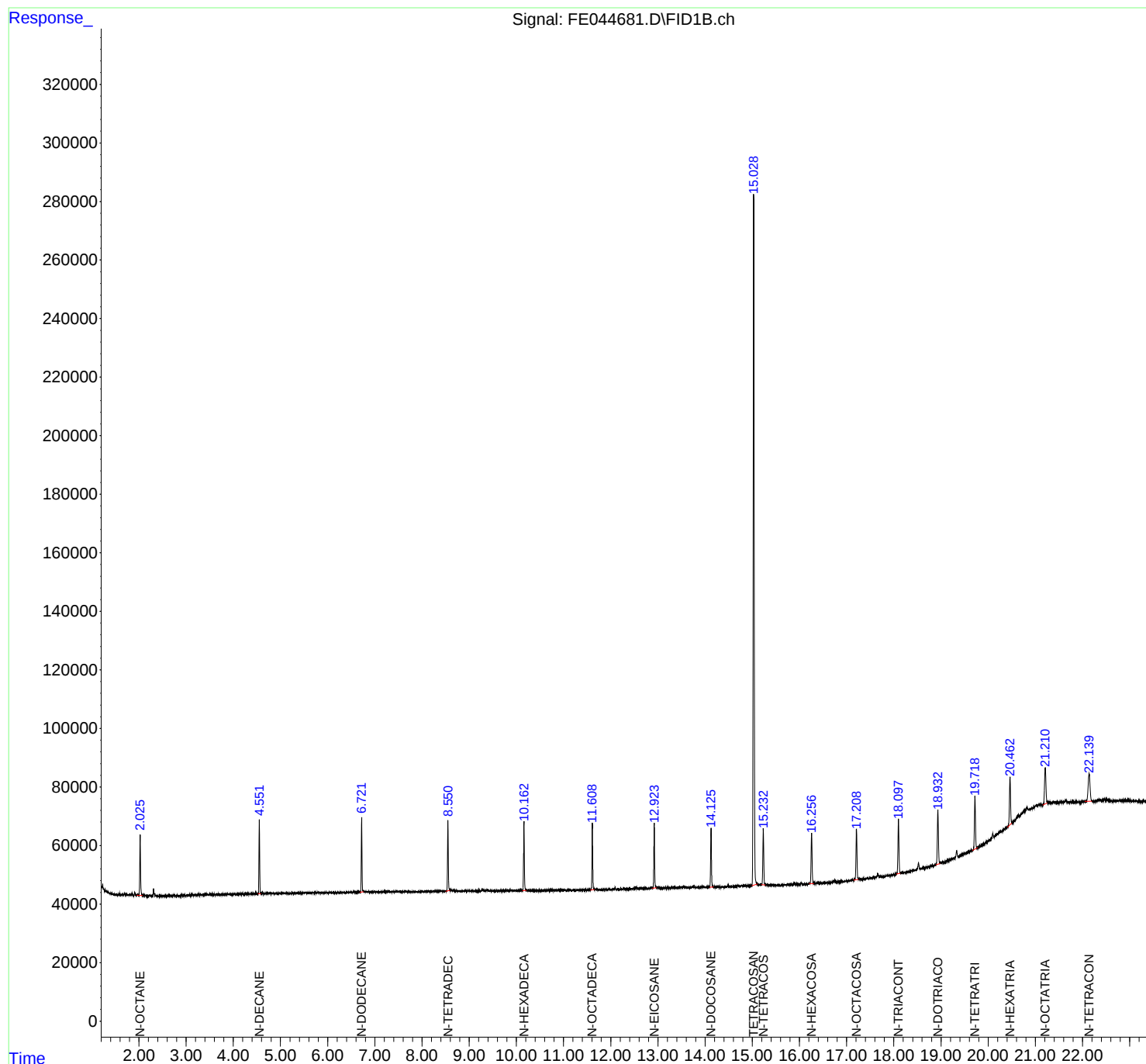
(f)=RT Delta > 1/2 Window

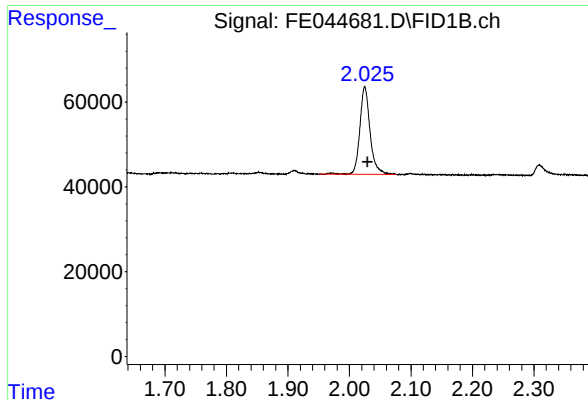
(m)=manual int.

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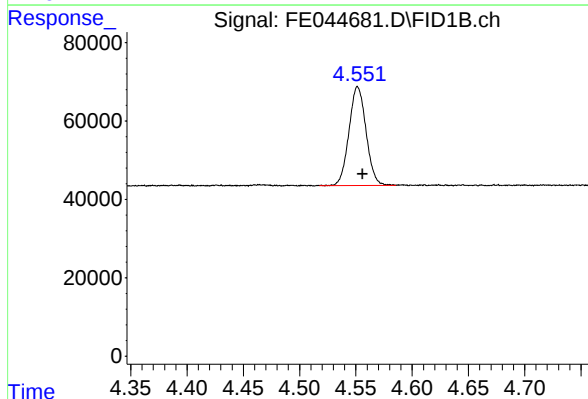
Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





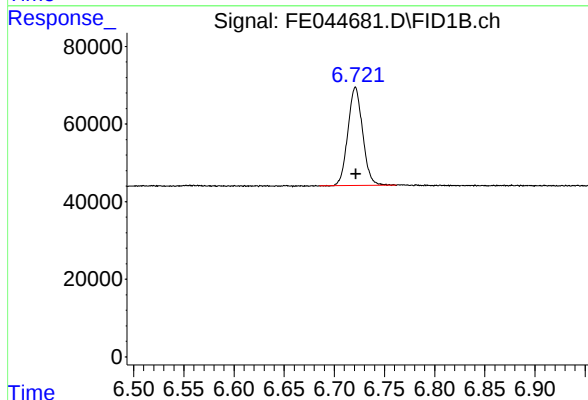
#1 N-OCTANE

R.T.: 2.025 min
Delta R.T.: -0.005 min
Response: 240376
Conc: 1.48 ug/ml



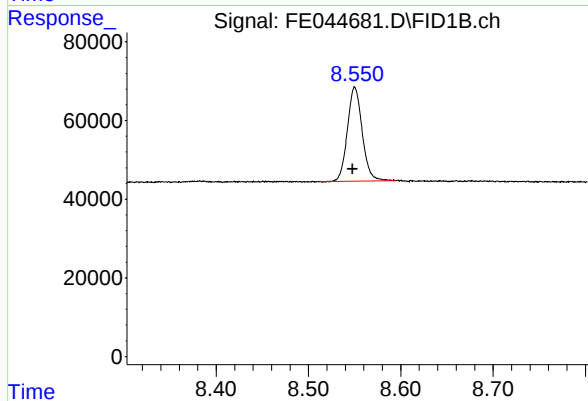
#2 N-DECANE

R.T.: 4.552 min
Delta R.T.: -0.004 min
Response: 265836
Conc: 1.62 ug/ml



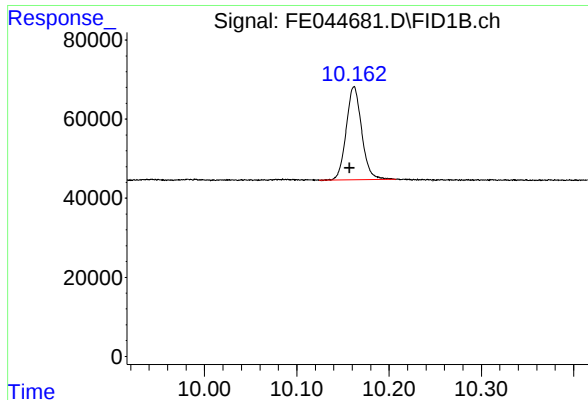
#3 N-DODECANE

R.T.: 6.721 min
Delta R.T.: 0.000 min
Response: 259623
Conc: 1.57 ug/ml



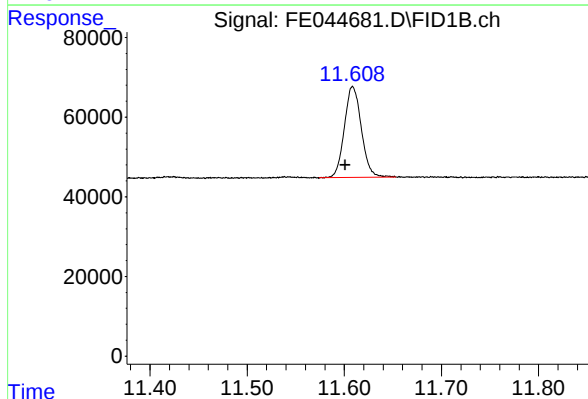
#4 N-TETRADECANE

R.T.: 8.550 min
Delta R.T.: 0.002 min
Response: 267992
Conc: 1.61 ug/ml



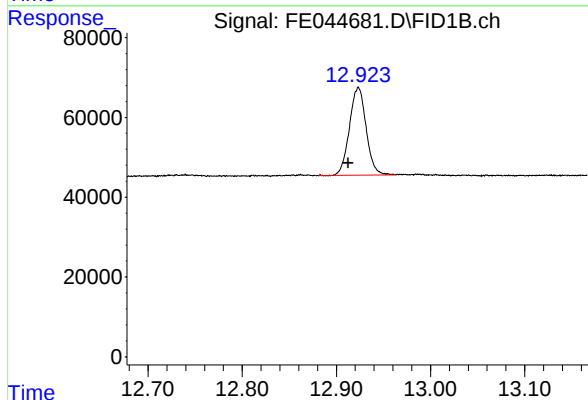
#5 N-HEXADECANE

R.T.: 10.162 min
Delta R.T.: 0.005 min
Response: 273930
Conc: 1.63 ug/ml



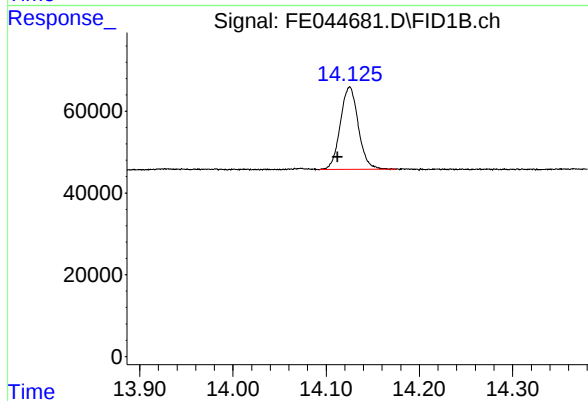
#6 N-OCTADECANE

R.T.: 11.609 min
Delta R.T.: 0.007 min
Response: 276078
Conc: 1.65 ug/ml



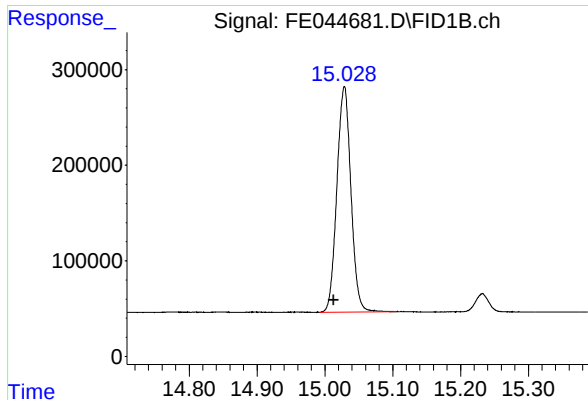
#7 N-EICOSANE

R.T.: 12.923 min
Delta R.T.: 0.011 min
Response: 270445
Conc: 1.65 ug/ml



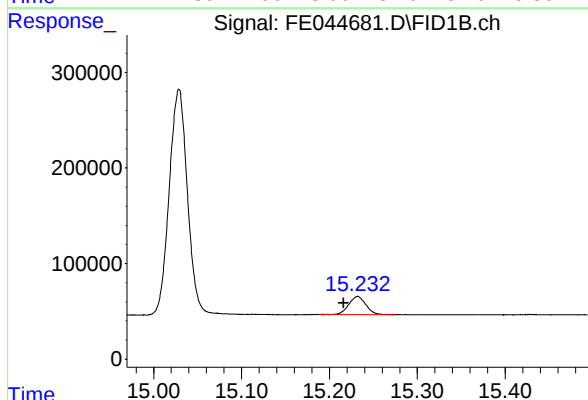
#8 N-DOCOSANE

R.T.: 14.125 min
Delta R.T.: 0.013 min
Response: 271760
Conc: 1.73 ug/ml



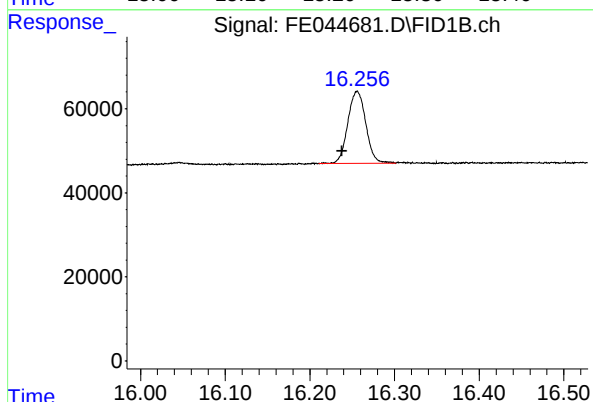
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.029 min
Delta R.T.: 0.016 min
Response: 3394071
Conc: 23.13 ug/ml



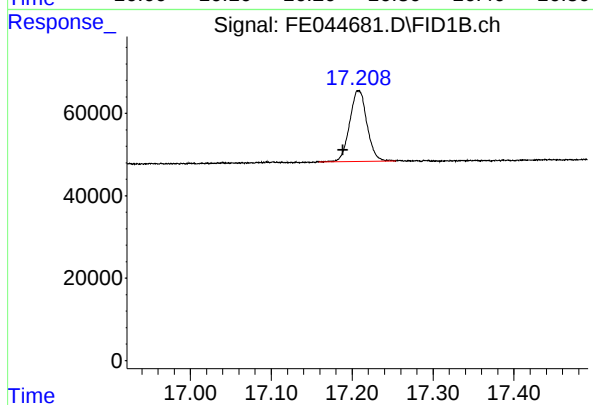
#10 N-TETRACOSANE

R.T.: 15.232 min
Delta R.T.: 0.016 min
Response: 256822
Conc: 1.66 ug/ml



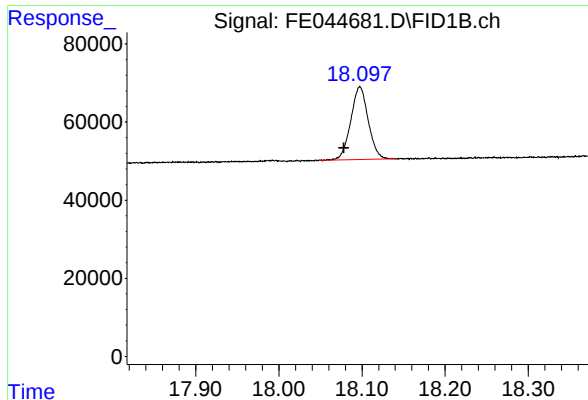
#11 N-HEXACOSANE

R.T.: 16.256 min
Delta R.T.: 0.018 min
Response: 252628
Conc: 1.68 ug/ml



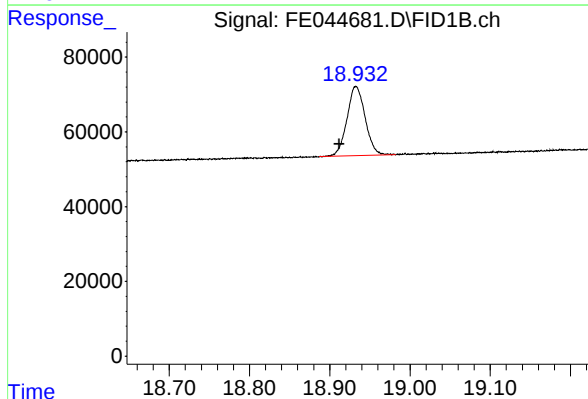
#12 N-OCTACOSANE

R.T.: 17.208 min
Delta R.T.: 0.019 min
Response: 254974
Conc: 1.72 ug/ml



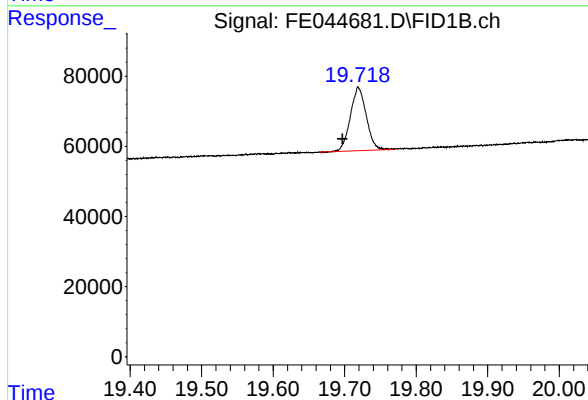
#13 N-TRIACONTANE

R.T.: 18.097 min
Delta R.T.: 0.019 min
Response: 272241
Conc: 1.84 ug/ml



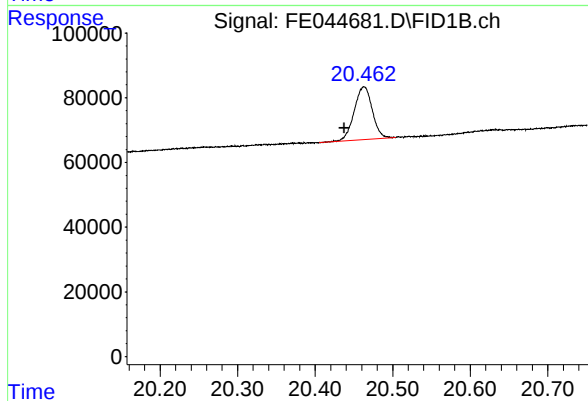
#14 N-DOTRIACONTANE

R.T.: 18.933 min
Delta R.T.: 0.021 min
Response: 292330
Conc: 2.02 ug/ml



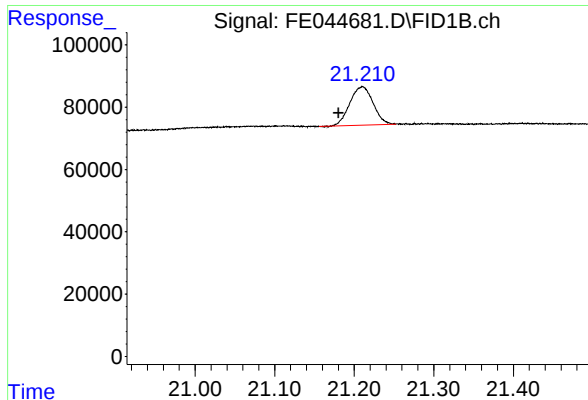
#15 N-TETRATRIACONTANE

R.T.: 19.719 min
Delta R.T.: 0.022 min
Response: 278942
Conc: 2.18 ug/ml



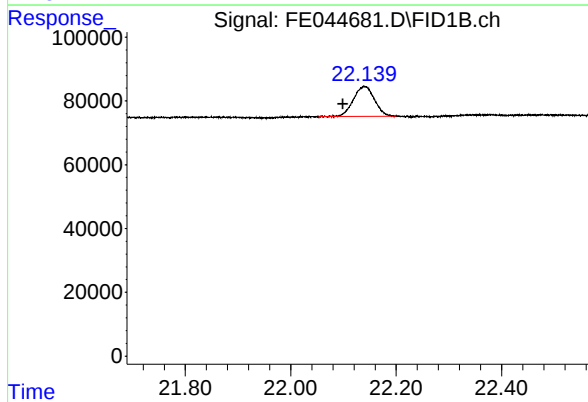
#16 N-HEXATRIACONTANE

R.T.: 20.463 min
Delta R.T.: 0.026 min
Response: 263521
Conc: 2.49 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.210 min
Delta R.T.: 0.030 min
Response: 252463
Conc: 2.54 ug/ml



#18 N-TETRACONTANE

R.T.: 22.140 min
Delta R.T.: 0.041 min
Response: 262903
Conc: 2.57 ug/ml