

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100623\
 Data File : FE044678.D
 Signal(s) : FID1B.ch
 Acq On : 07 Oct 2023 07:12
 Operator : YP\AJ
 Sample : 04699-04
 Misc : 1PPM SOIL LOD
 ALS Vial : 45 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 09 00:18:07 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...	15.030	2496442	17.016 ug/ml
Target Compounds			
1) N-OCTANE	2.025	157570	0.972 ug/ml
2) N-DECANE	4.552	178190	1.089 ug/ml
3) N-DODECANE	6.722	170799	1.031 ug/ml
4) N-TETRADECANE	8.551	178100	1.072 ug/ml
5) N-HEXADECANE	10.163	183740	1.091 ug/ml
6) N-OCTADECANE	11.610	188657	1.128 ug/ml
7) N-EICOSANE	12.923	190974	1.165 ug/ml
8) N-DOCOSANE	14.125	203347	1.293 ug/ml
10) N-TETRACOSANE	15.233	224055	1.447 ug/ml
11) N-HEXACOSANE	16.257	235226	1.560 ug/ml
12) N-OCTACOSANE	17.208	263621	1.775 ug/ml
13) N-TRIACONTANE	18.099	312537	2.107 ug/ml
14) N-DOTRIACONTANE	18.934	342299	2.362 ug/ml
15) N-TETRATRIACONTANE	19.721	269571	2.107 ug/ml
16) N-HEXATRIACONTANE	20.463	232814	2.204 ug/ml
17) N-OCTATRIACONTANE	21.210	203399	2.044 ug/ml
18) N-TETRACONTANE	22.144	191369	1.874 ug/ml

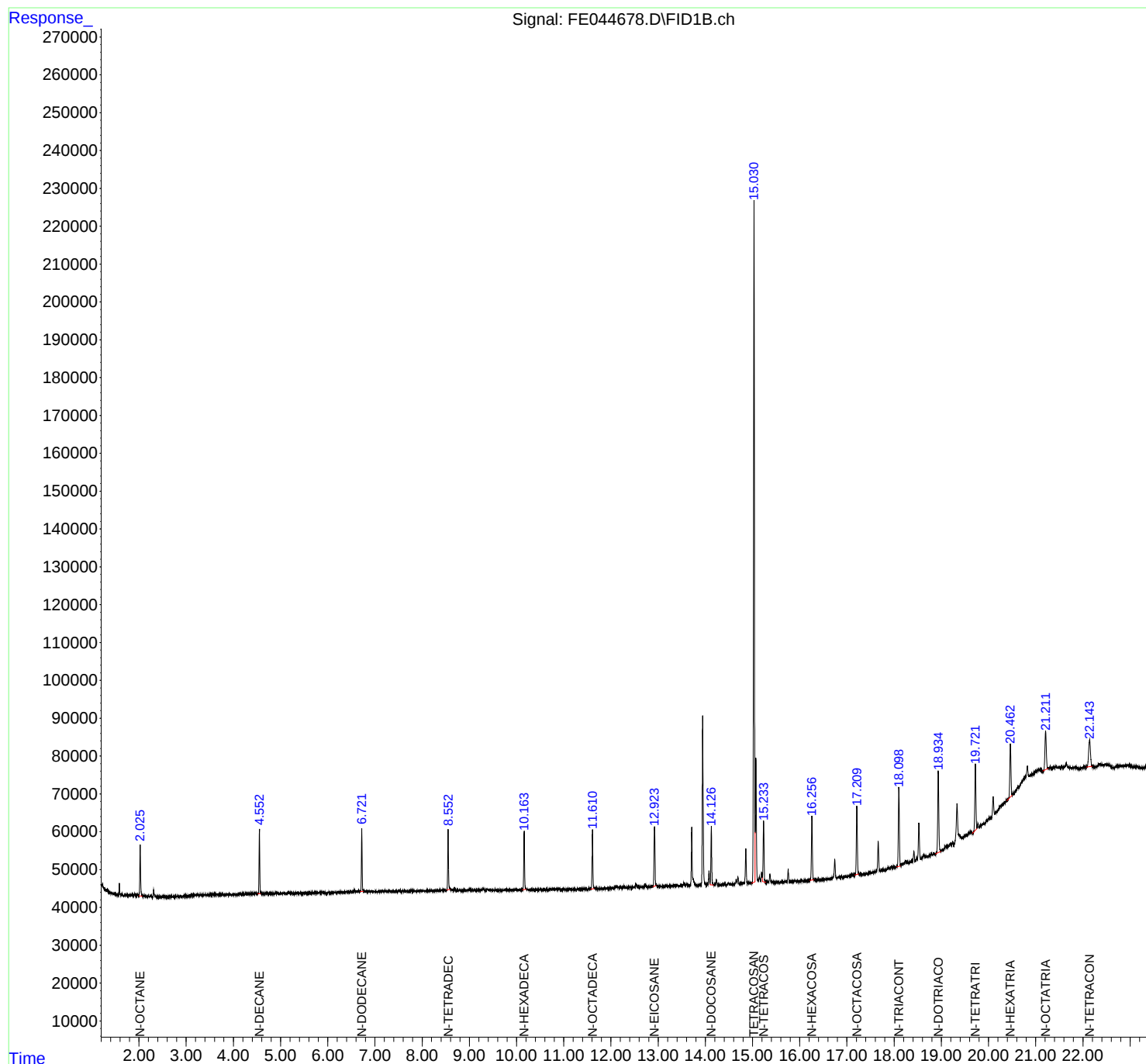
(f)=RT Delta > 1/2 Window

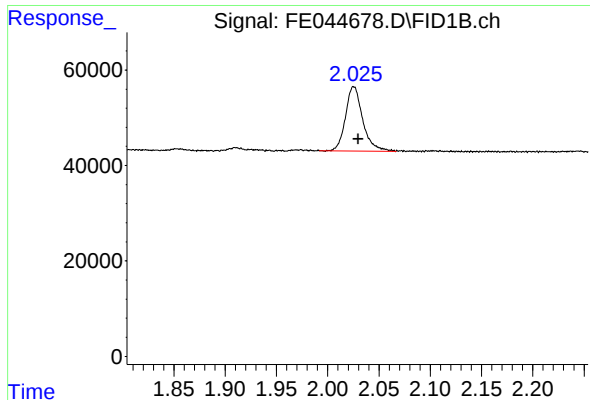
(m)=manual int.

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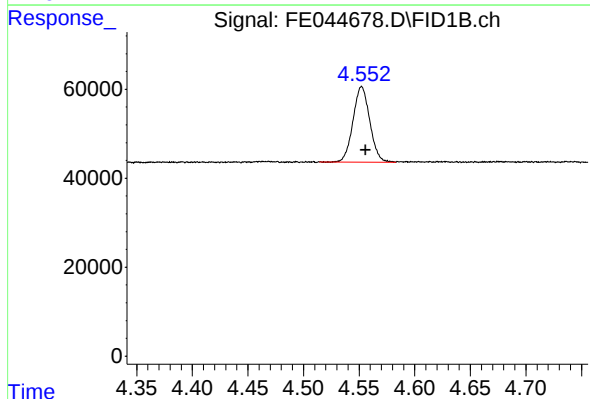
Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





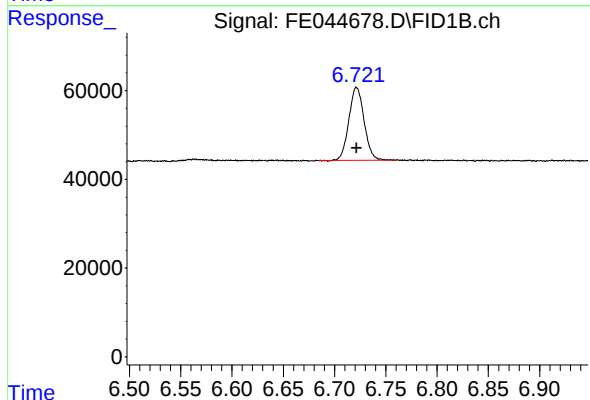
#1 N-OCTANE

R.T.: 2.025 min
Delta R.T.: -0.005 min
Response: 157570
Conc: 0.97 ug/ml



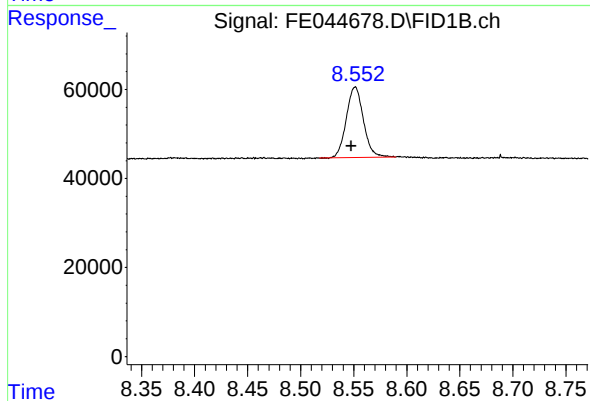
#2 N-DECANE

R.T.: 4.552 min
Delta R.T.: -0.004 min
Response: 178190
Conc: 1.09 ug/ml



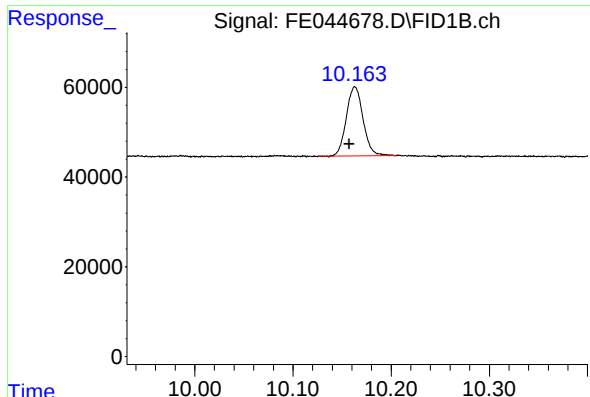
#3 N-DODECANE

R.T.: 6.722 min
Delta R.T.: 0.000 min
Response: 170799
Conc: 1.03 ug/ml



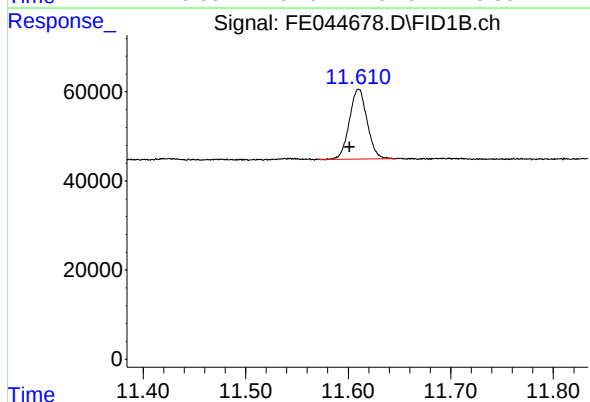
#4 N-TETRADECANE

R.T.: 8.551 min
Delta R.T.: 0.003 min
Response: 178100
Conc: 1.07 ug/ml



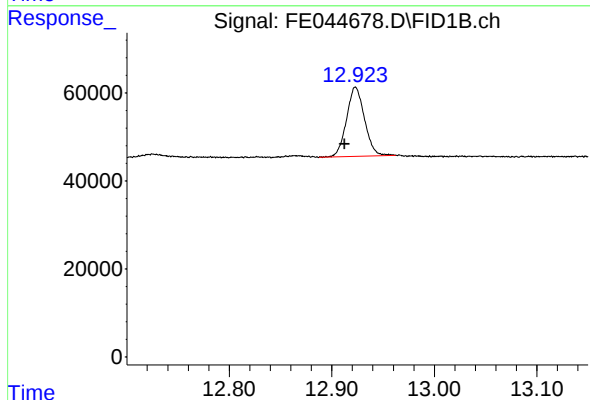
#5 N-HEXADECANE

R.T.: 10.163 min
Delta R.T.: 0.006 min
Response: 183740
Conc: 1.09 ug/ml



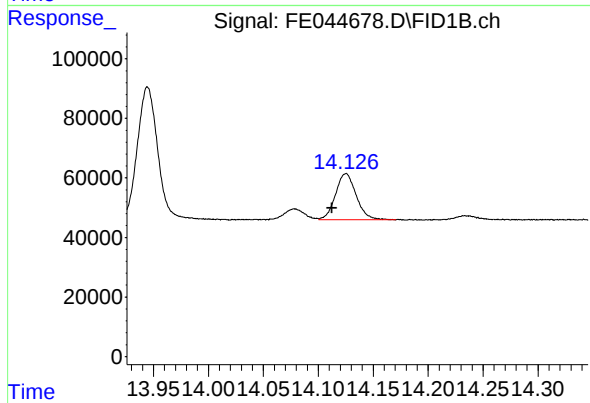
#6 N-OCTADECANE

R.T.: 11.610 min
Delta R.T.: 0.009 min
Response: 188657
Conc: 1.13 ug/ml



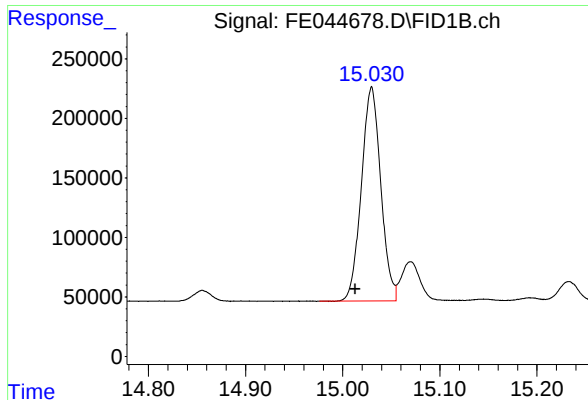
#7 N-EICOSANE

R.T.: 12.923 min
Delta R.T.: 0.010 min
Response: 190974
Conc: 1.16 ug/ml



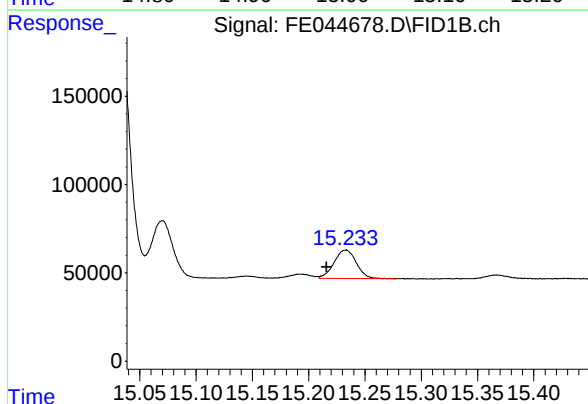
#8 N-DOCOSANE

R.T.: 14.125 min
Delta R.T.: 0.013 min
Response: 203347
Conc: 1.29 ug/ml



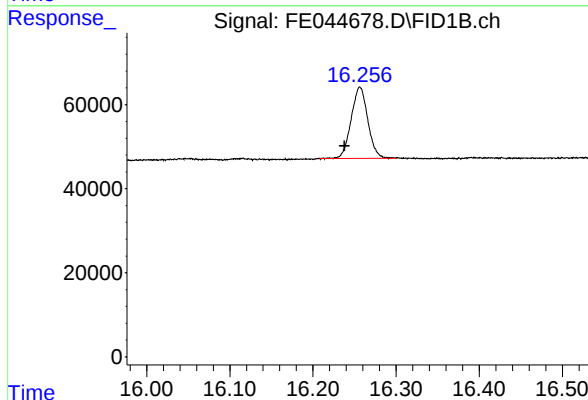
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.030 min
Delta R.T.: 0.017 min
Response: 2496442
Conc: 17.02 ug/ml



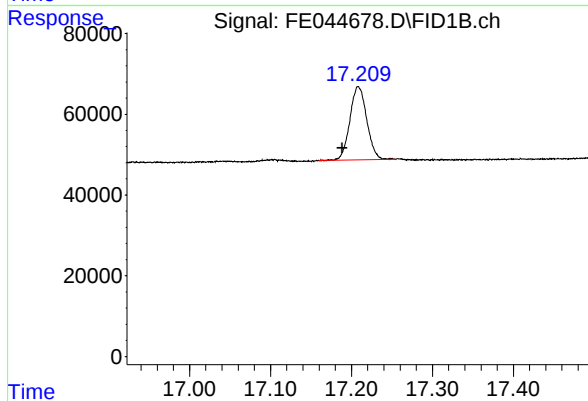
#10 N-TETRACOSANE

R.T.: 15.233 min
Delta R.T.: 0.017 min
Response: 224055
Conc: 1.45 ug/ml



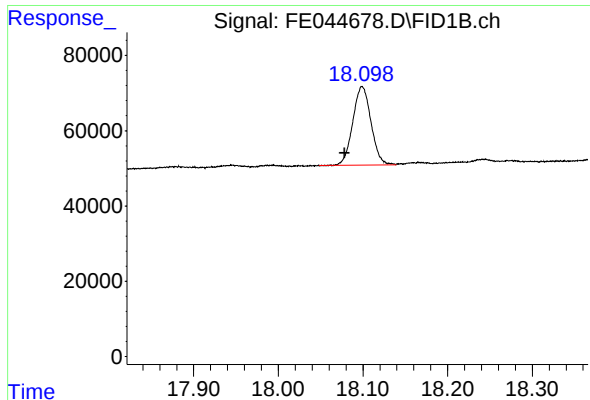
#11 N-HEXACOSANE

R.T.: 16.257 min
Delta R.T.: 0.019 min
Response: 235226
Conc: 1.56 ug/ml



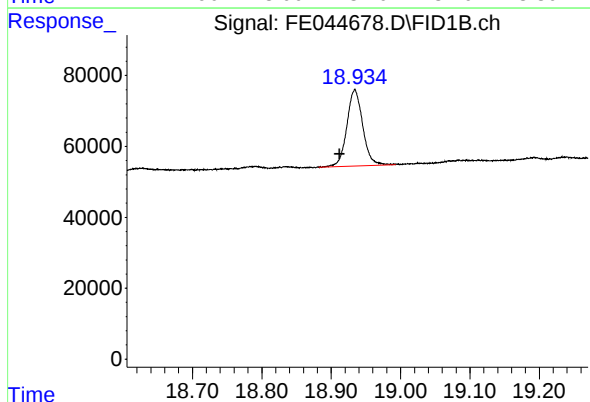
#12 N-OCTACOSANE

R.T.: 17.208 min
Delta R.T.: 0.020 min
Response: 263621
Conc: 1.77 ug/ml



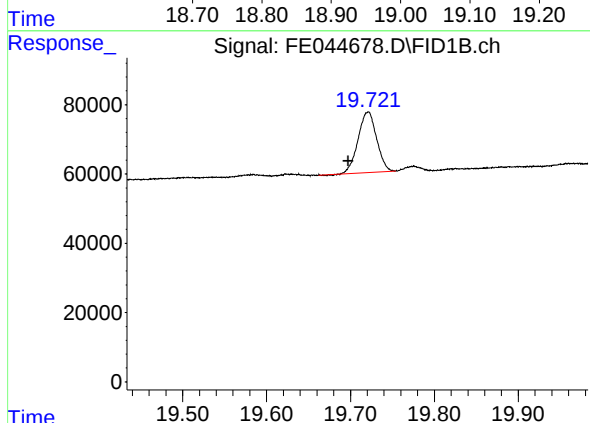
#13 N-TRIACONTANE

R.T.: 18.099 min
Delta R.T.: 0.021 min
Response: 312537
Conc: 2.11 ug/ml



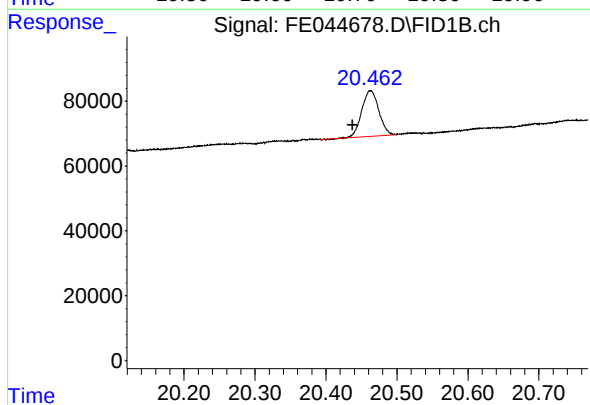
#14 N-DOTRIACONTANE

R.T.: 18.934 min
Delta R.T.: 0.022 min
Response: 342299
Conc: 2.36 ug/ml



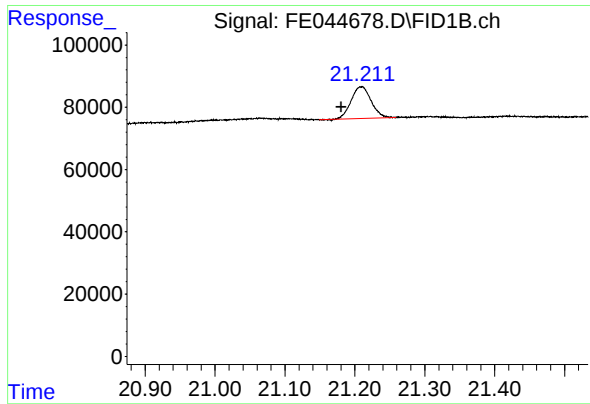
#15 N-TETRATRIACONTANE

R.T.: 19.721 min
Delta R.T.: 0.024 min
Response: 269571
Conc: 2.11 ug/ml



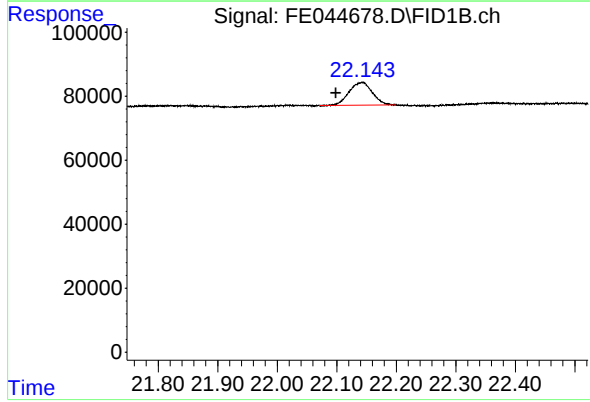
#16 N-HEXATRIACONTANE

R.T.: 20.463 min
Delta R.T.: 0.025 min
Response: 232814
Conc: 2.20 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.210 min
Delta R.T.: 0.029 min
Response: 203399
Conc: 2.04 ug/ml



#18 N-TETRACONTANE

R.T.: 22.144 min
Delta R.T.: 0.044 min
Response: 191369
Conc: 1.87 ug/ml