

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022223\
 Data File : FE040484.D
 Signal(s) : FID1B.ch
 Acq On : 22 Feb 2023 11:25
 Operator : YP\AJ
 Sample : 01627-04
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 8 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 23 02:23:08 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	2470049	18.706 ug/ml
Target Compounds			
1) N-OCTANE	2.017	320987	2.312 ug/ml
2) N-DECANE	4.526	302846	2.217 ug/ml
3) N-DODECANE	6.693	259727	1.864 ug/ml
4) N-TETRADECANE	8.520	317869	2.221 ug/ml
5) N-HEXADECANE	10.128	340235	2.292 ug/ml
6) N-OCTADECANE	11.568	367163	2.421 ug/ml
7) N-EICOSANE	12.876	369049	2.427 ug/ml
8) N-DOCOSANE	14.075	382467	2.577 ug/ml
10) N-TETRACOSANE	15.178	377781	2.554 ug/ml
11) N-HEXACOSANE	16.201	367710	2.540 ug/ml
12) N-OCTACOSANE	17.151	364568	2.576 ug/ml
13) N-TRIACONTANE	18.039	364653	2.659 ug/ml
14) N-DOTRIACONTANE	18.872	358261	2.759 ug/ml
15) N-TETRATRIACONTANE	19.655	322370	2.686 ug/ml
16) N-HEXATRIACONTANE	20.398	271591	2.303 ug/ml
17) N-OCTATRIACONTANE	21.128	254672	2.316 ug/ml
18) N-TETRACONTANE	22.021	256254	2.291 ug/ml

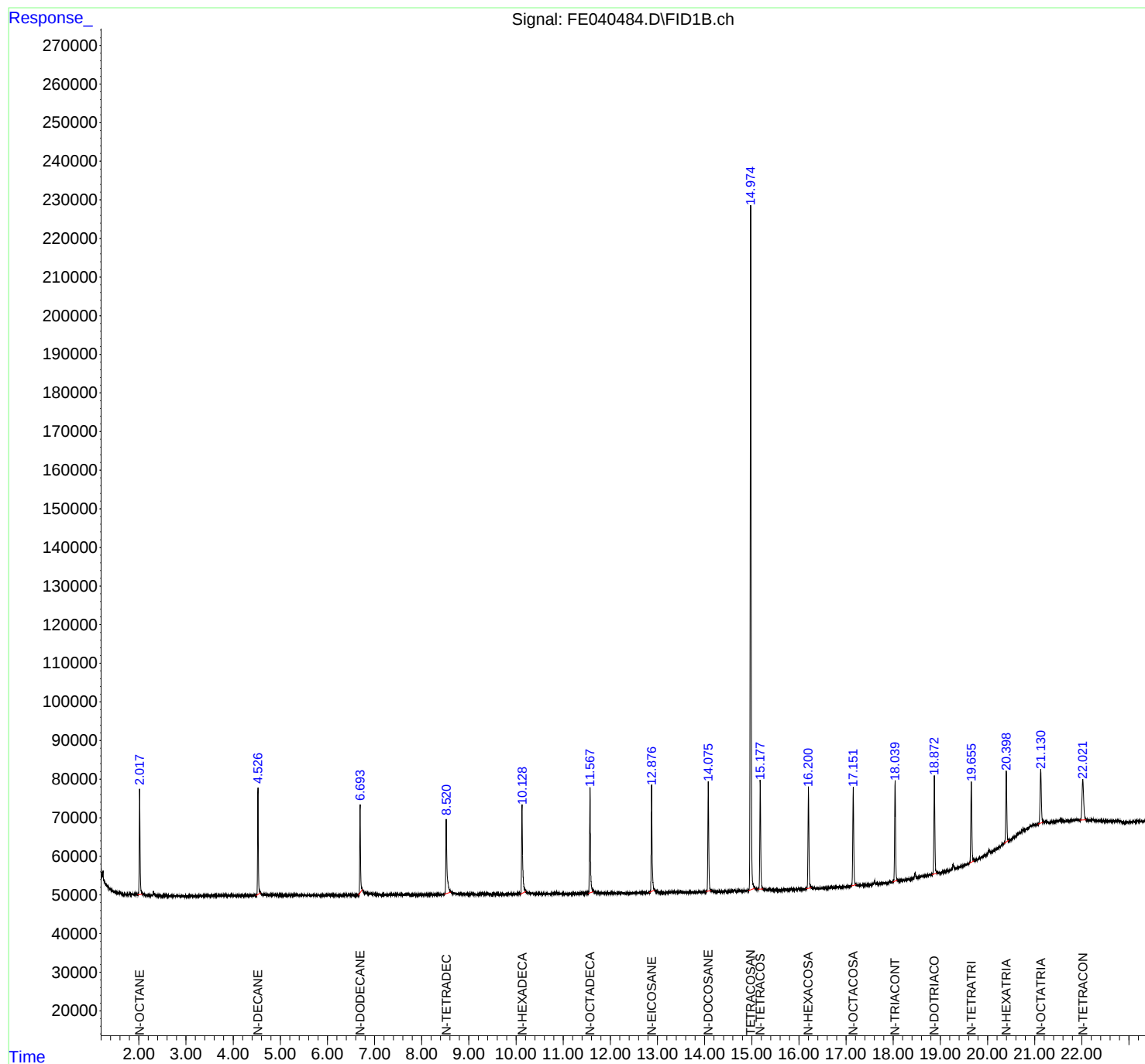
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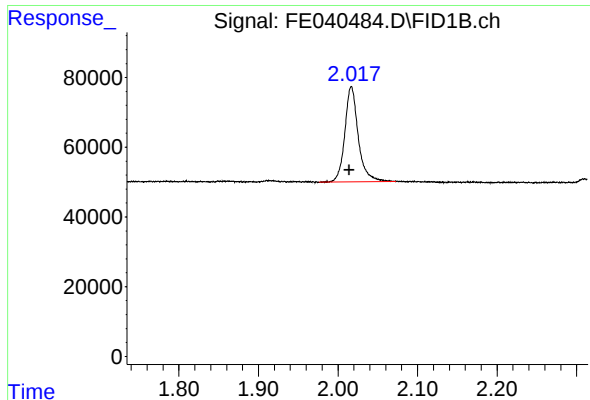
(m)=manual int.

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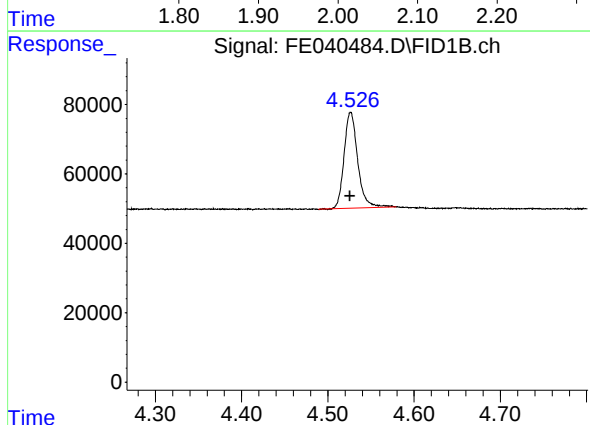
Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





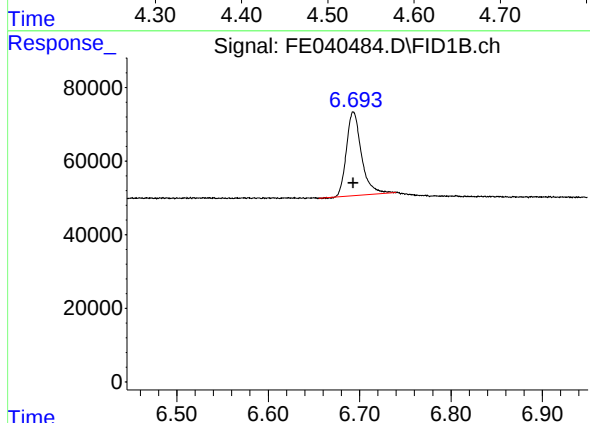
#1 N-OCTANE

R.T.: 2.017 min
Delta R.T.: 0.003 min
Response: 320987
Conc: 2.31 ug/ml



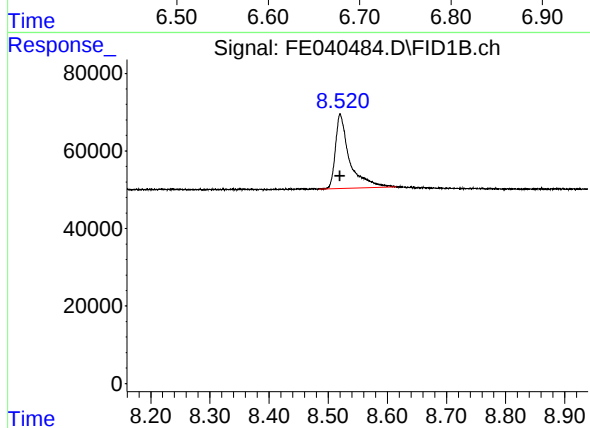
#2 N-DECANE

R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 302846
Conc: 2.22 ug/ml



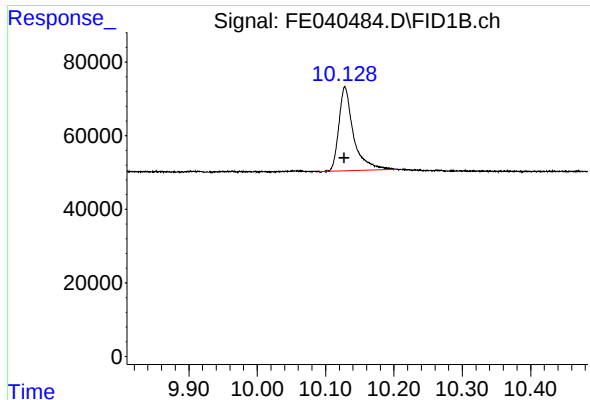
#3 N-DODECANE

R.T.: 6.693 min
Delta R.T.: 0.000 min
Response: 259727
Conc: 1.86 ug/ml



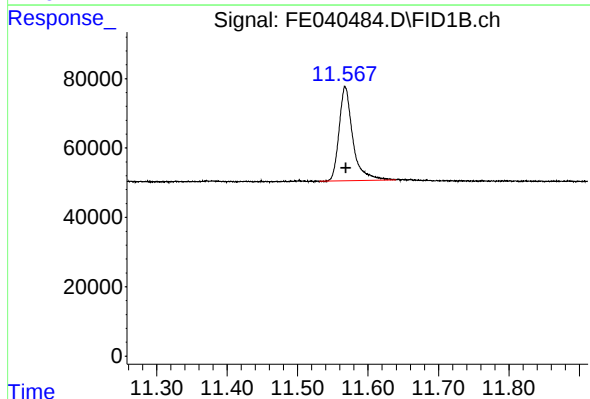
#4 N-TETRADECANE

R.T.: 8.520 min
Delta R.T.: 0.000 min
Response: 317869
Conc: 2.22 ug/ml



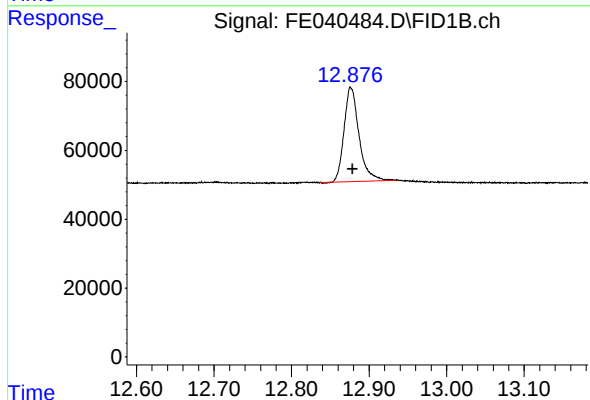
#5 N-HEXADECANE

R.T.: 10.128 min
Delta R.T.: 0.000 min
Response: 340235
Conc: 2.29 ug/ml



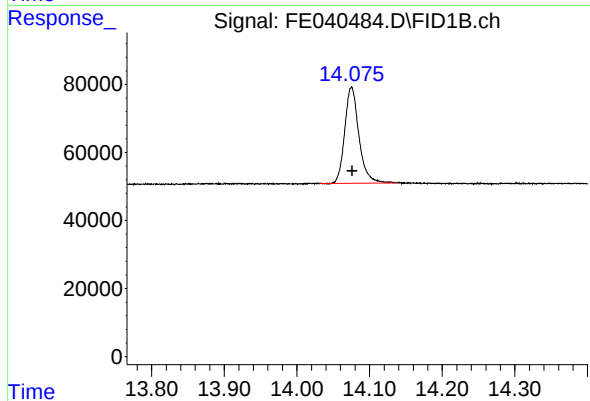
#6 N-OCTADECANE

R.T.: 11.568 min
Delta R.T.: 0.000 min
Response: 367163
Conc: 2.42 ug/ml



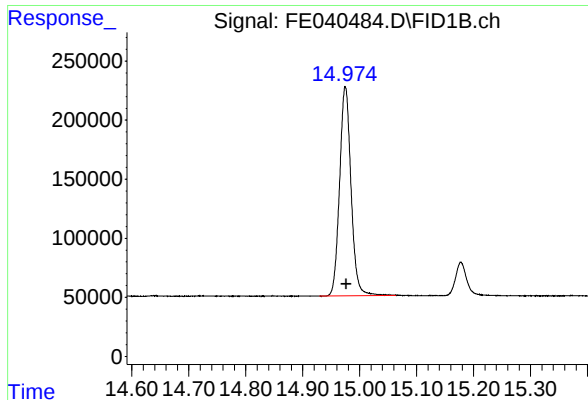
#7 N-EICOSANE

R.T.: 12.876 min
Delta R.T.: -0.003 min
Response: 369049
Conc: 2.43 ug/ml



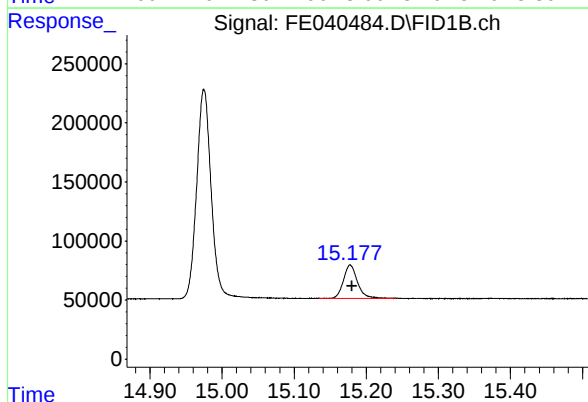
#8 N-DOCOSANE

R.T.: 14.075 min
Delta R.T.: -0.001 min
Response: 382467
Conc: 2.58 ug/ml



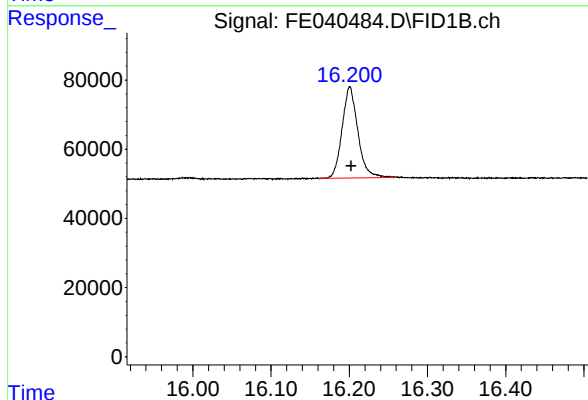
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.975 min
Delta R.T.: -0.002 min
Response: 2470049
Conc: 18.71 ug/ml



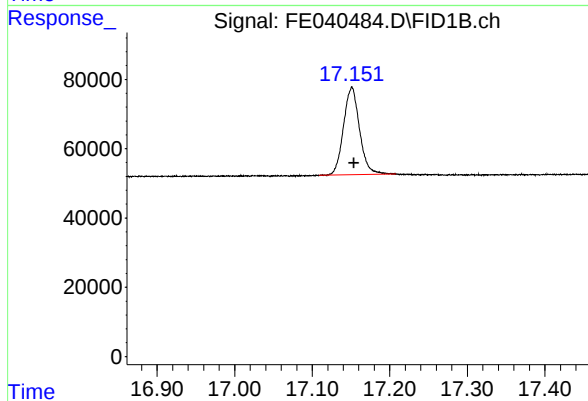
#10 N-TETRACOSANE

R.T.: 15.178 min
Delta R.T.: -0.003 min
Response: 377781
Conc: 2.55 ug/ml



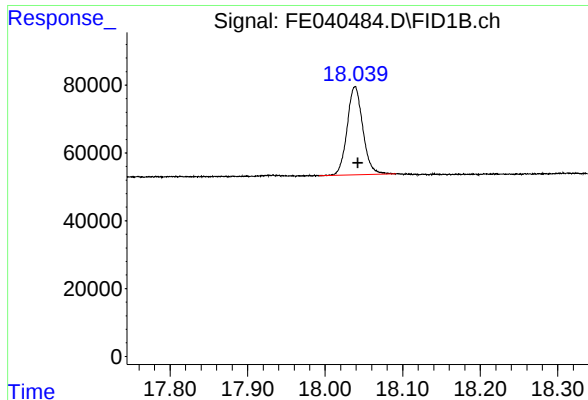
#11 N-HEXACOSANE

R.T.: 16.201 min
Delta R.T.: -0.002 min
Response: 367710
Conc: 2.54 ug/ml



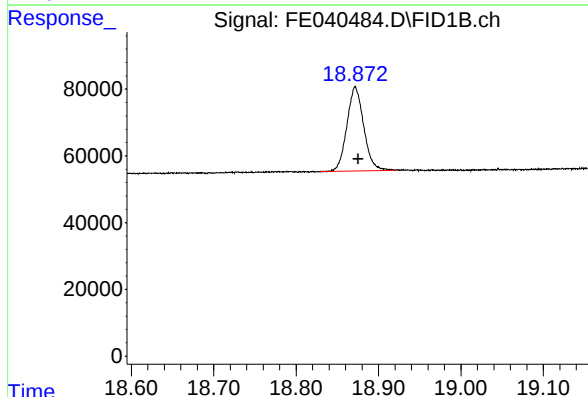
#12 N-OCTACOSANE

R.T.: 17.151 min
Delta R.T.: -0.002 min
Response: 364568
Conc: 2.58 ug/ml



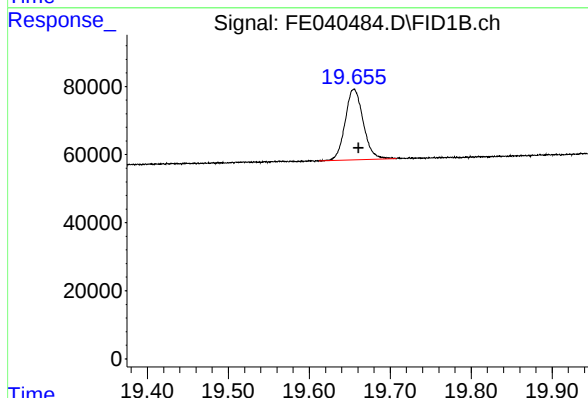
#13 N-TRIACONTANE

R.T.: 18.039 min
Delta R.T.: -0.004 min
Response: 364653
Conc: 2.66 ug/ml



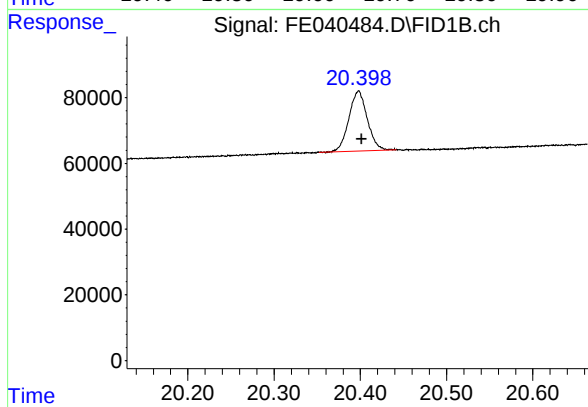
#14 N-DOTRIACONTANE

R.T.: 18.872 min
Delta R.T.: -0.004 min
Response: 358261
Conc: 2.76 ug/ml



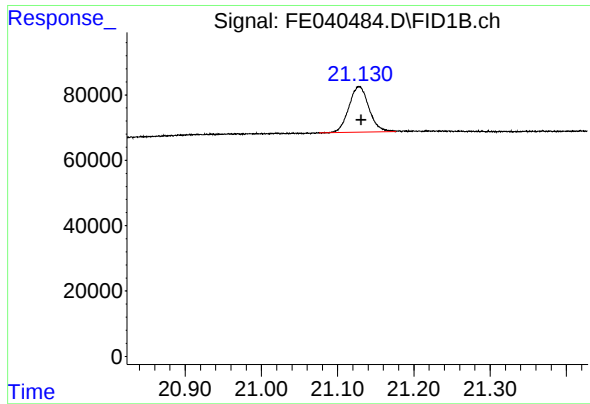
#15 N-TETRATRIACONTANE

R.T.: 19.655 min
Delta R.T.: -0.006 min
Response: 322370
Conc: 2.69 ug/ml



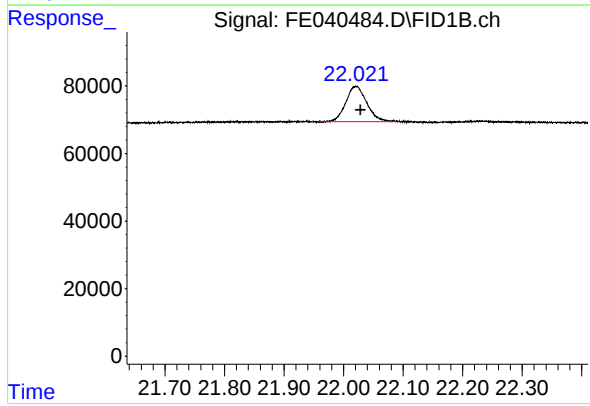
#16 N-HEXATRIACONTANE

R.T.: 20.398 min
Delta R.T.: -0.004 min
Response: 271591
Conc: 2.30 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.128 min
Delta R.T.: -0.003 min
Response: 254672
Conc: 2.32 ug/ml



#18 N-TETRACONTANE

R.T.: 22.021 min
Delta R.T.: -0.007 min
Response: 256254
Conc: 2.29 ug/ml