

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012425\
 Data File : FE052052.D
 Signal(s) : FID1B.ch
 Acq On : 24 Jan 2025 16:26
 Operator : YP\AJ
 Sample : Q1168-10
 Misc : 2.5 PPB WATER LOD
 ALS Vial : 25 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 27 00:45:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE012325.M
 Quant Title :
 QLast Update : Fri Jan 24 03:06:38 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...	15.252	1751322	17.584 ug/ml
Target Compounds			
1) N-OCTANE	2.411	185634	2.177 ug/ml
2) N-DECANE	4.905	212341	2.321 ug/ml
3) N-DODECANE	7.032	225749	2.259 ug/ml
4) N-TETRADECANE	8.837	239397	2.353 ug/ml
5) N-HEXADECANE	10.430	255981	2.402 ug/ml
6) N-OCTADECANE	11.862	266062	2.373 ug/ml
7) N-EICOSANE	13.164	272718	2.449 ug/ml
8) N-DOCOSANE	14.356	267523	2.409 ug/ml
10) N-TETRACOSANE	15.454	265694	2.402 ug/ml
11) N-HEXACOSANE	16.471	263153	2.414 ug/ml
12) N-OCTACOSANE	17.417	266103	2.465 ug/ml
13) N-TRIACONTANE	18.301	279637	2.606 ug/ml
14) N-DOTRIACONTANE	19.132	275390	2.637 ug/ml
15) N-TETRATRIACONTANE	19.914	246562	2.626 ug/ml
16) N-HEXATRIACONTANE	20.653	209732	2.597 ug/ml
17) N-OCTATRIACONTANE	21.437	182352	2.444 ug/ml
18) N-TETRACONTANE	22.435	165787	2.251 ug/ml

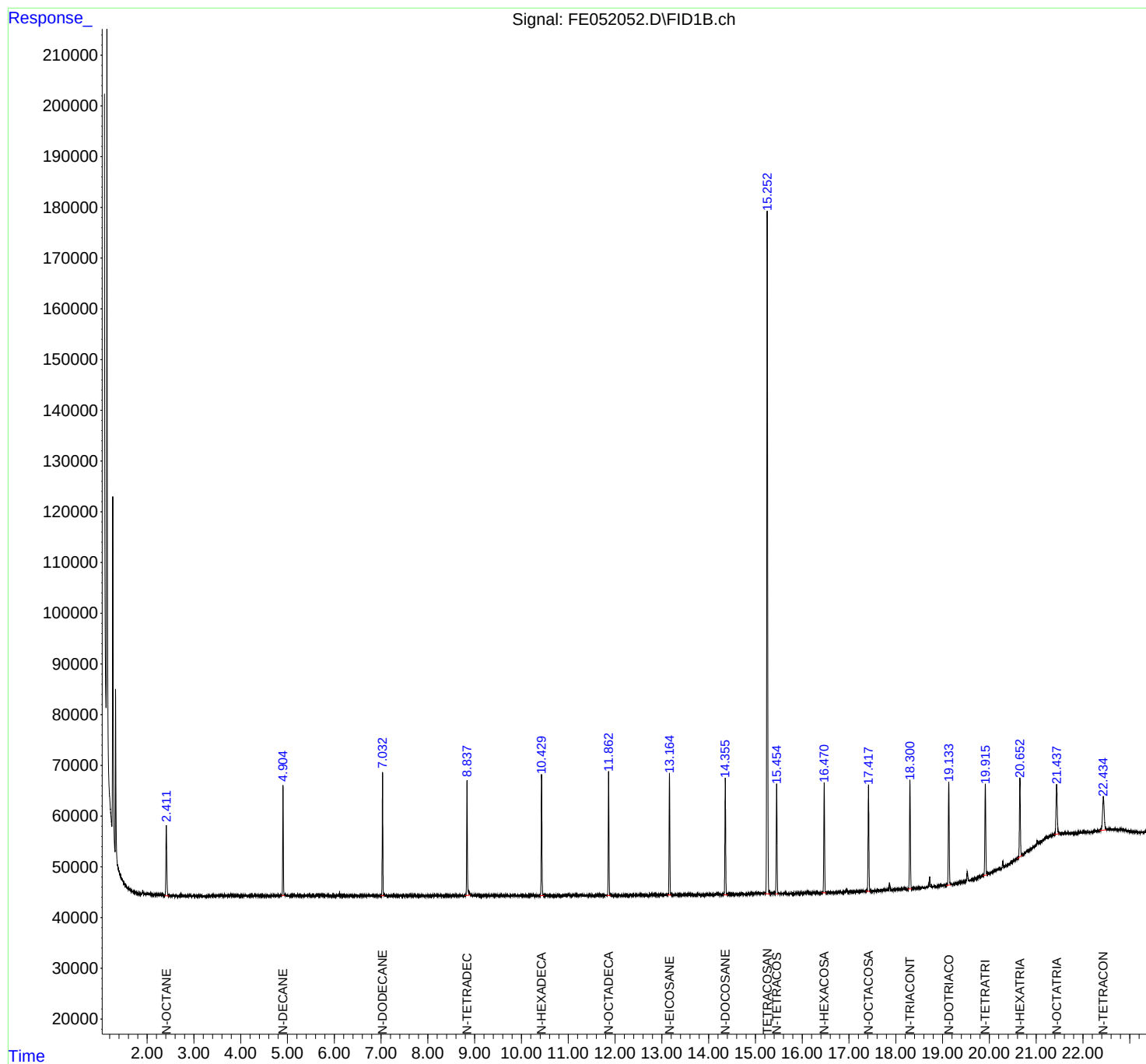
(f)=RT Delta > 1/2 Window

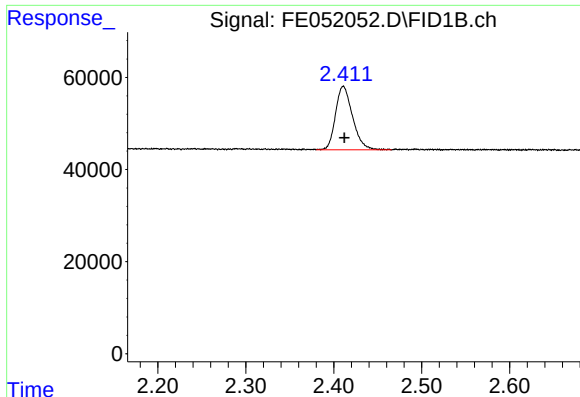
(m)=manual int.

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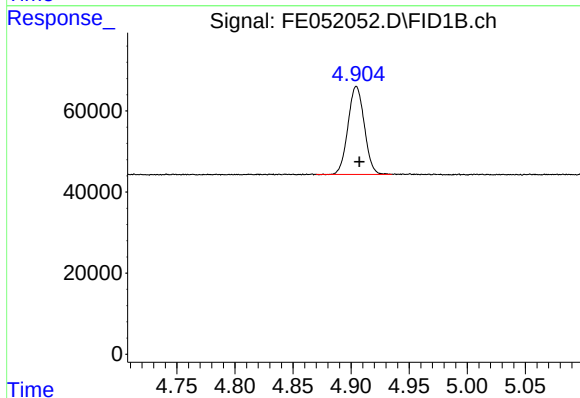
Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





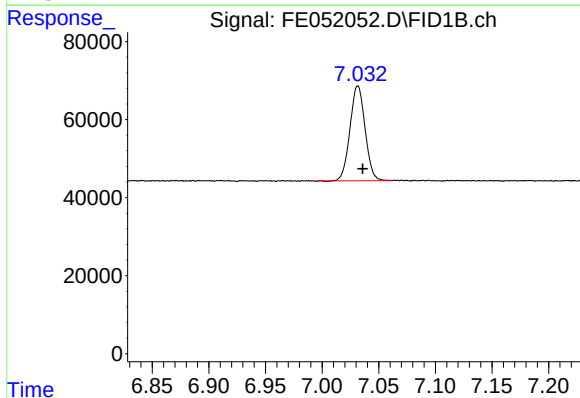
#1 N-OCTANE

R.T.: 2.411 min
Delta R.T.: -0.001 min
Response: 185634
Conc: 2.18 ug/ml



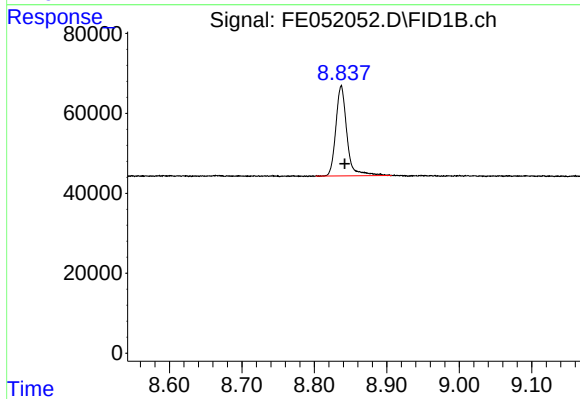
#2 N-DECANE

R.T.: 4.905 min
Delta R.T.: -0.003 min
Response: 212341
Conc: 2.32 ug/ml



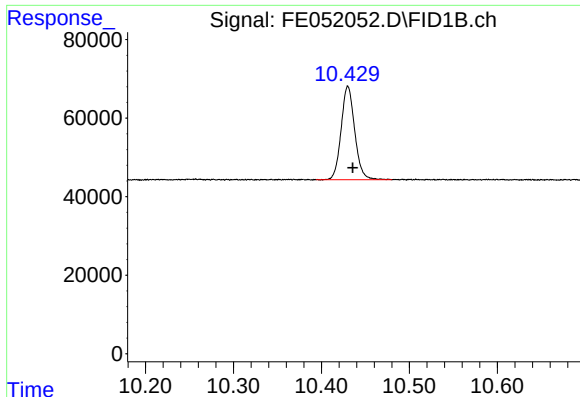
#3 N-DODECANE

R.T.: 7.032 min
Delta R.T.: -0.004 min
Response: 225749
Conc: 2.26 ug/ml



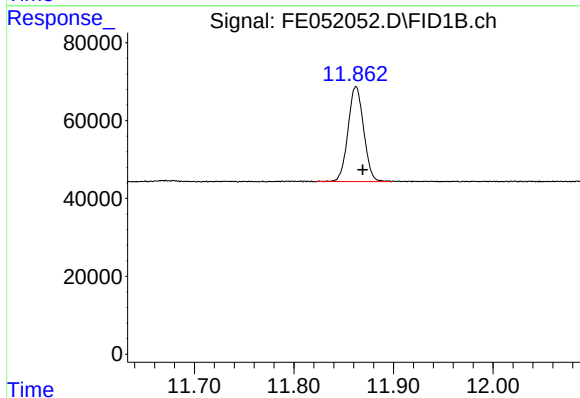
#4 N-TETRADECANE

R.T.: 8.837 min
Delta R.T.: -0.005 min
Response: 239397
Conc: 2.35 ug/ml



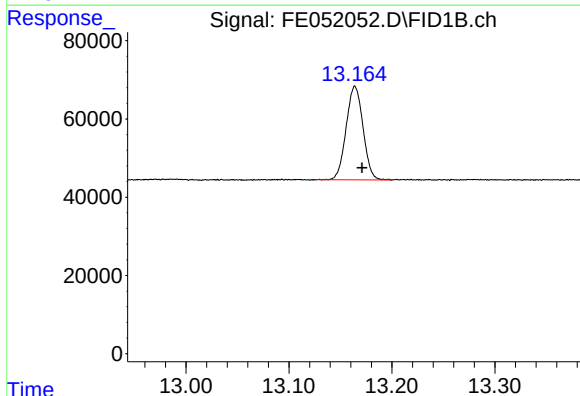
#5 N-HEXADECANE

R.T.: 10.430 min
Delta R.T.: -0.005 min
Response: 255981
Conc: 2.40 ug/ml



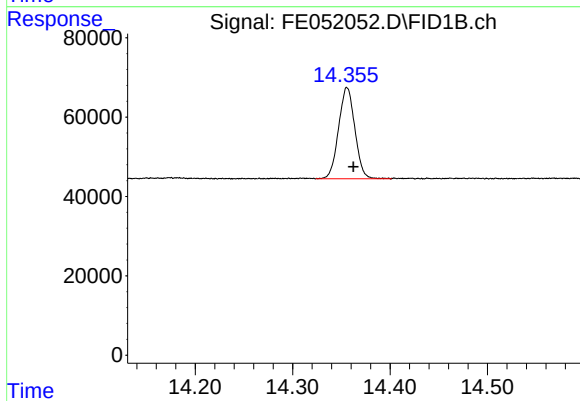
#6 N-OCTADECANE

R.T.: 11.862 min
Delta R.T.: -0.007 min
Response: 266062
Conc: 2.37 ug/ml



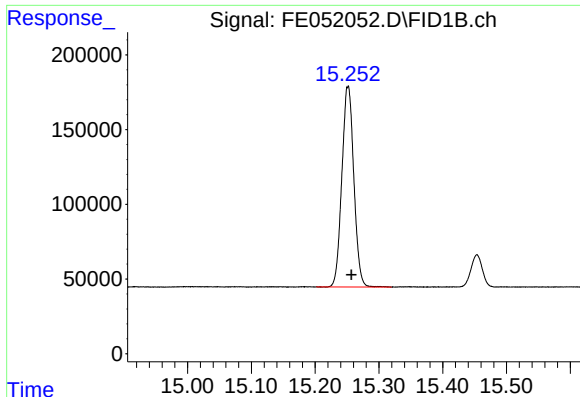
#7 N-EICOSANE

R.T.: 13.164 min
Delta R.T.: -0.007 min
Response: 272718
Conc: 2.45 ug/ml



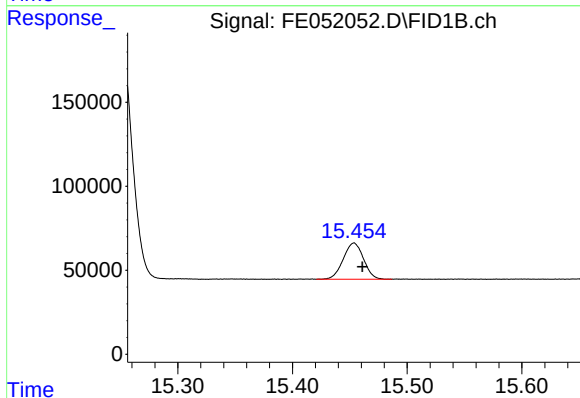
#8 N-DOCOSANE

R.T.: 14.356 min
Delta R.T.: -0.007 min
Response: 267523
Conc: 2.41 ug/ml



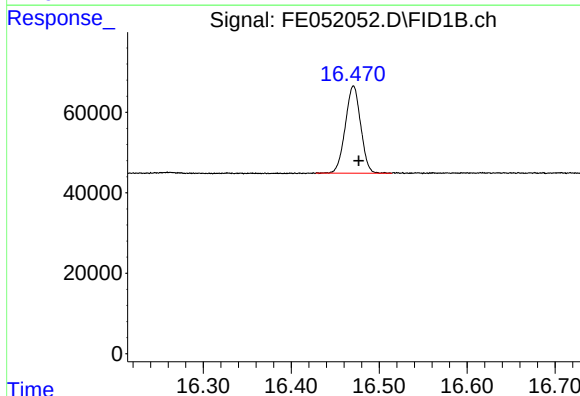
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.252 min
Delta R.T.: -0.005 min
Response: 1751322
Conc: 17.58 ug/ml



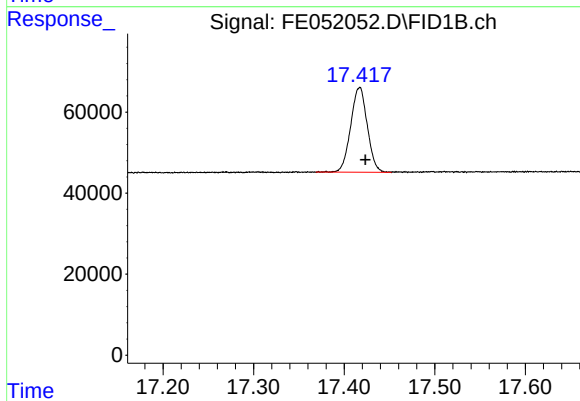
#10 N-TETRACOSANE

R.T.: 15.454 min
Delta R.T.: -0.007 min
Response: 265694
Conc: 2.40 ug/ml



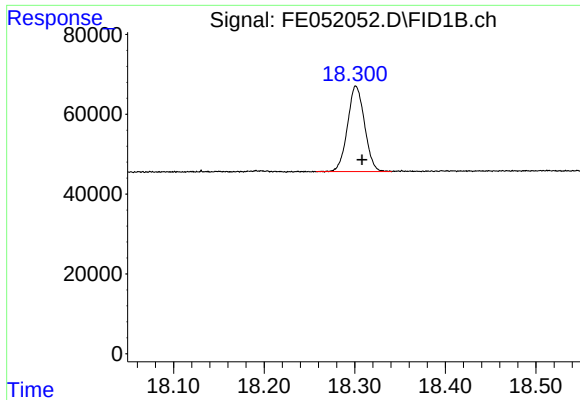
#11 N-HEXACOSANE

R.T.: 16.471 min
Delta R.T.: -0.006 min
Response: 263153
Conc: 2.41 ug/ml



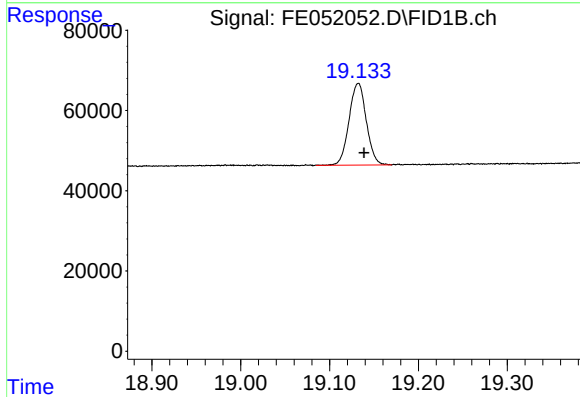
#12 N-OCTACOSANE

R.T.: 17.417 min
Delta R.T.: -0.006 min
Response: 266103
Conc: 2.47 ug/ml



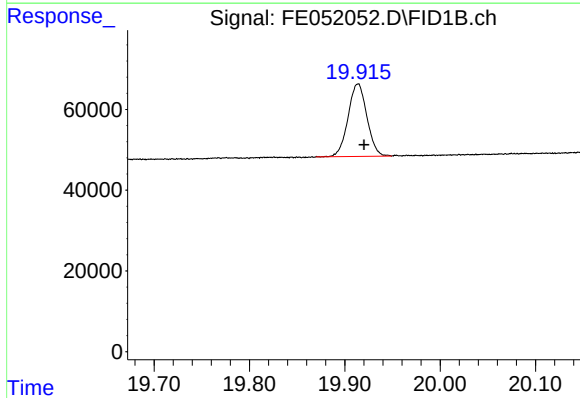
#13 N-TRIACONTANE

R.T.: 18.301 min
Delta R.T.: -0.007 min
Response: 279637
Conc: 2.61 ug/ml



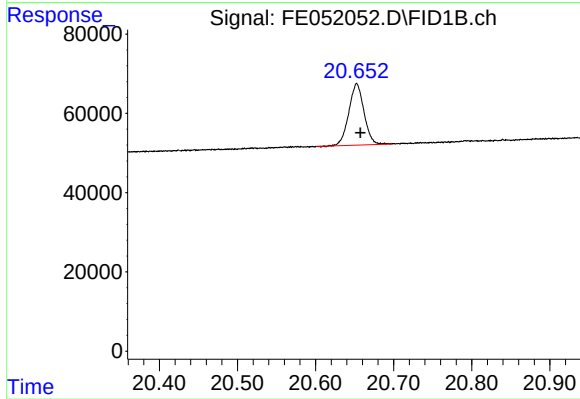
#14 N-DOTRIACONTANE

R.T.: 19.132 min
Delta R.T.: -0.006 min
Response: 275390
Conc: 2.64 ug/ml



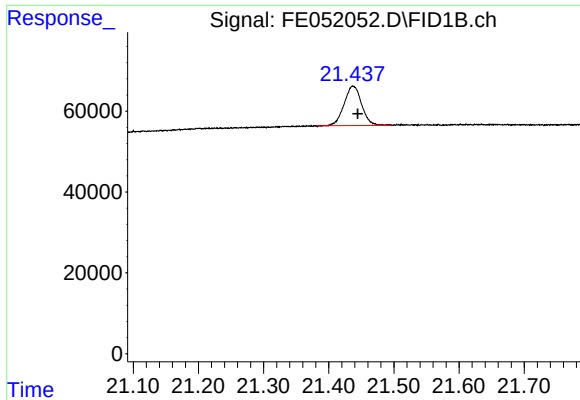
#15 N-TETRATRIACONTANE

R.T.: 19.914 min
Delta R.T.: -0.006 min
Response: 246562
Conc: 2.63 ug/ml



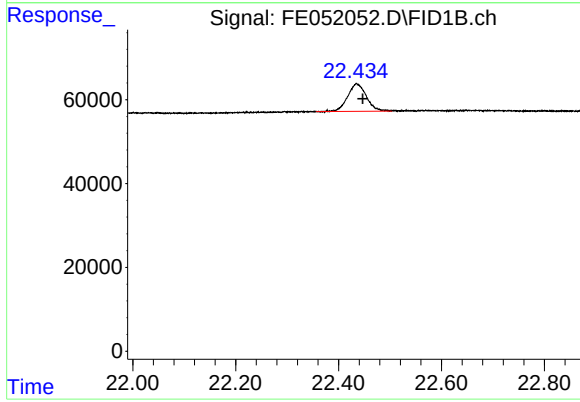
#16 N-HEXATRIACONTANE

R.T.: 20.653 min
Delta R.T.: -0.005 min
Response: 209732
Conc: 2.60 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.437 min
Delta R.T.: -0.007 min
Response: 182352
Conc: 2.44 ug/ml



#18 N-TETRACONTANE

R.T.: 22.435 min
Delta R.T.: -0.013 min
Response: 165787
Conc: 2.25 ug/ml