

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012425\
 Data File : FE052061.D
 Signal(s) : FID1B.ch
 Acq On : 24 Jan 2025 20:56
 Operator : YP\AJ
 Sample : Q1168-01
 Misc : 2.5 PPB SOIL LOD
 ALS Vial : 29 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 27 00:48:59 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...	15.249	1822203	18.295 ug/ml
Target Compounds				
1)	N-OCTANE	2.410	189994	2.228 ug/ml
2)	N-DECANE	4.904	219441	2.398 ug/ml
3)	N-DODECANE	7.030	231308	2.315 ug/ml
4)	N-TETRADECANE	8.836	246279	2.420 ug/ml
5)	N-HEXADECANE	10.429	257919	2.420 ug/ml
6)	N-OCTADECANE	11.861	267742	2.388 ug/ml
7)	N-EICOSANE	13.162	277906	2.495 ug/ml
8)	N-DOCOSANE	14.354	270290	2.434 ug/ml
10)	N-TETRACOSANE	15.451	272984	2.468 ug/ml
11)	N-HEXACOSANE	16.468	271789	2.493 ug/ml
12)	N-OCTACOSANE	17.414	270971	2.510 ug/ml
13)	N-TRIACONTANE	18.299	283829	2.645 ug/ml
14)	N-DOTRIACONTANE	19.128	281337	2.694 ug/ml
15)	N-TETRATRIACONTANE	19.910	256755	2.734 ug/ml
16)	N-HEXATRIACONTANE	20.650	214691	2.659 ug/ml
17)	N-OCTATRIACONTANE	21.432	190679	2.556 ug/ml
18)	N-TETRACONTANE	22.428	170031	2.309 ug/ml

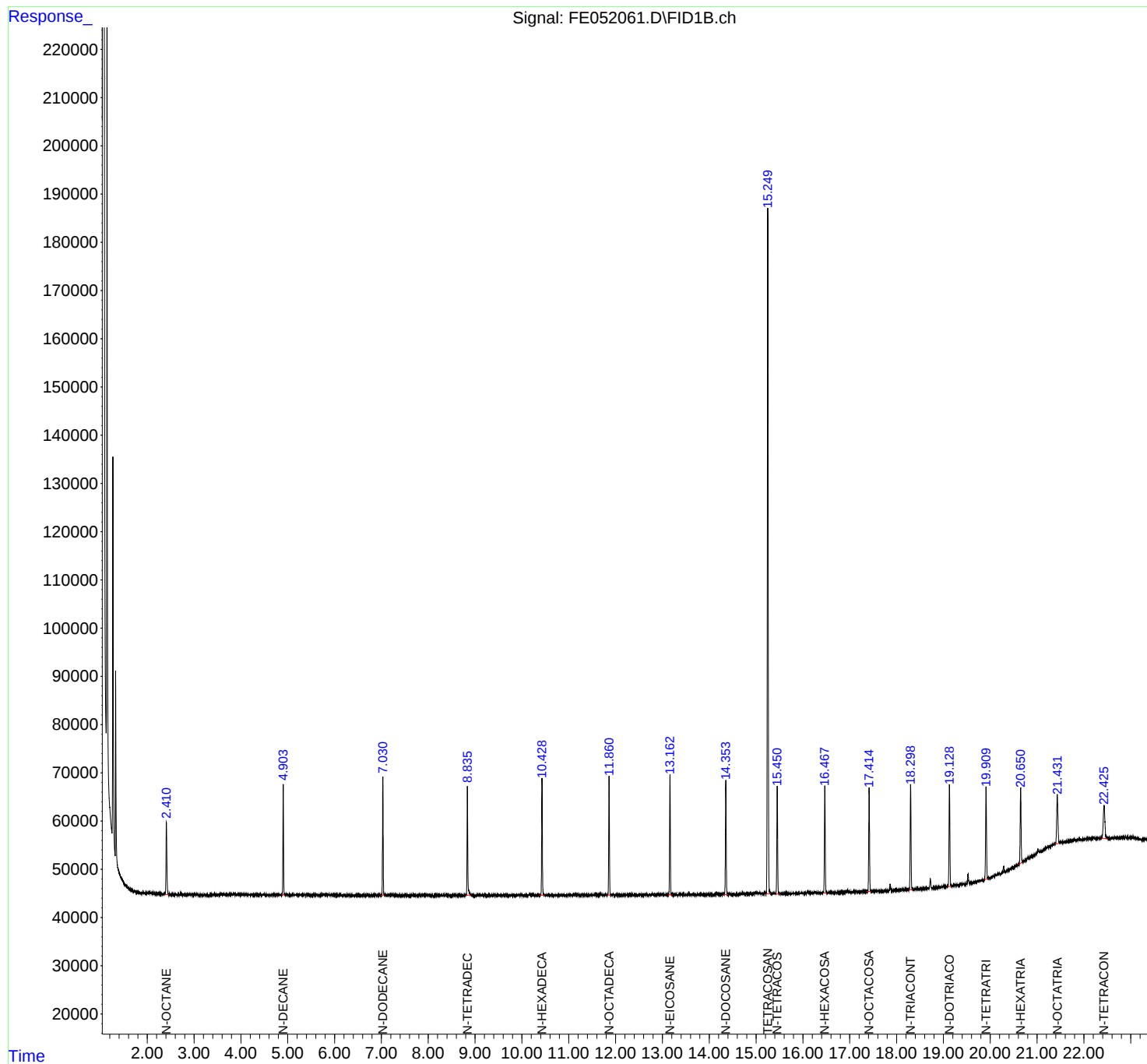
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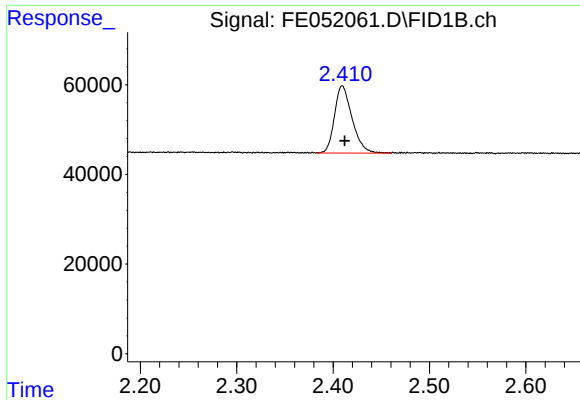
(m)=manual int.

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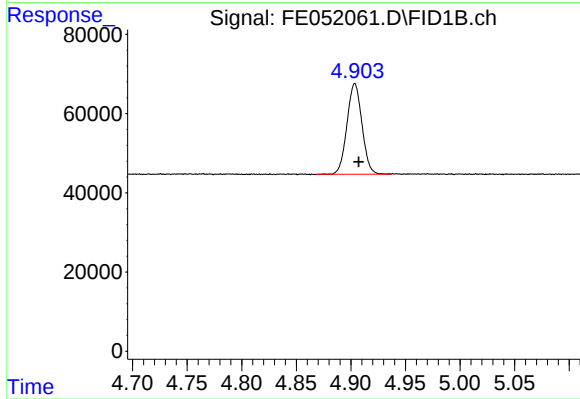
Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





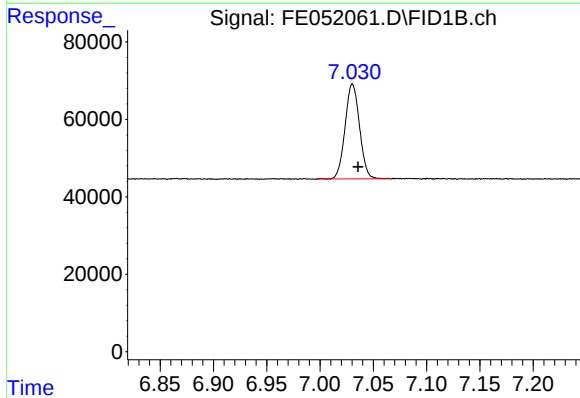
#1 N-OCTANE

R.T.: 2.410 min
Delta R.T.: -0.002 min
Response: 189994
Conc: 2.23 ug/ml



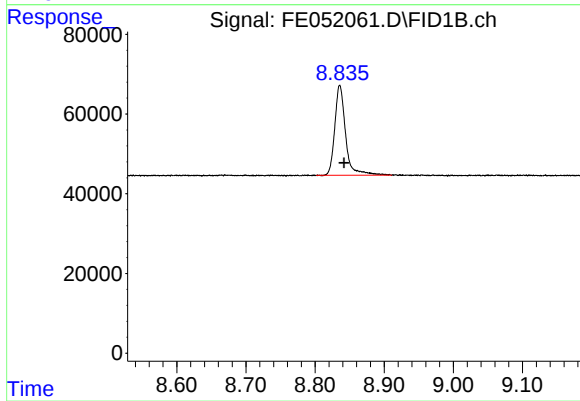
#2 N-DECANE

R.T.: 4.904 min
Delta R.T.: -0.004 min
Response: 219441
Conc: 2.40 ug/ml



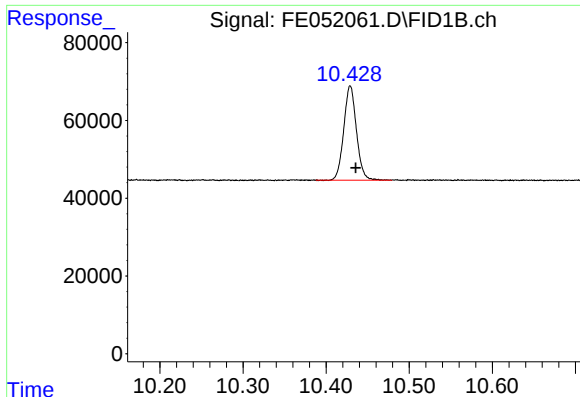
#3 N-DODECANE

R.T.: 7.030 min
Delta R.T.: -0.005 min
Response: 231308
Conc: 2.32 ug/ml



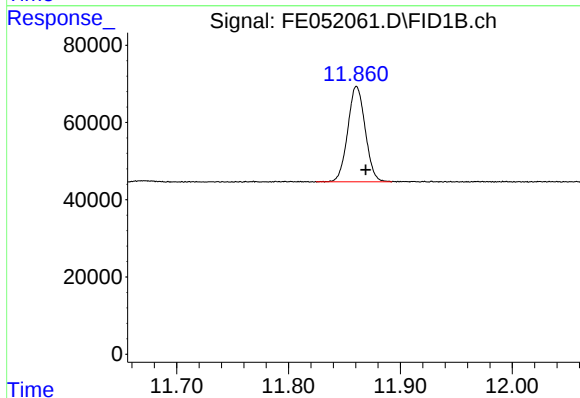
#4 N-TETRADECANE

R.T.: 8.836 min
Delta R.T.: -0.006 min
Response: 246279
Conc: 2.42 ug/ml



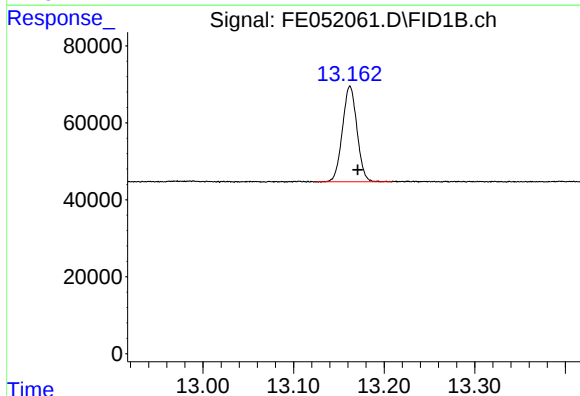
#5 N-HEXADECANE

R.T.: 10.429 min
Delta R.T.: -0.006 min
Response: 257919
Conc: 2.42 ug/ml



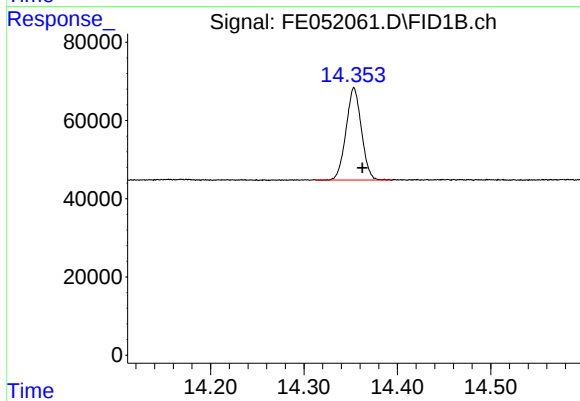
#6 N-OCTADECANE

R.T.: 11.861 min
Delta R.T.: -0.008 min
Response: 267742
Conc: 2.39 ug/ml



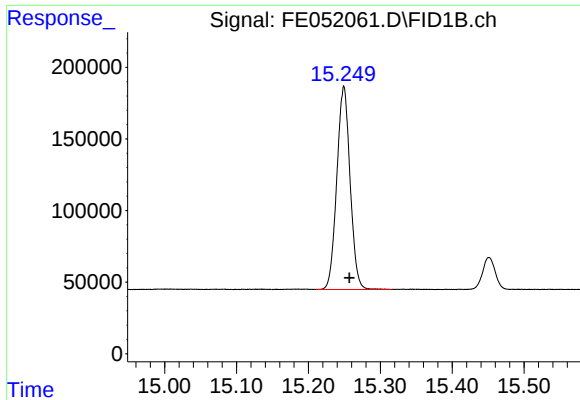
#7 N-EICOSANE

R.T.: 13.162 min
Delta R.T.: -0.009 min
Response: 277906
Conc: 2.50 ug/ml



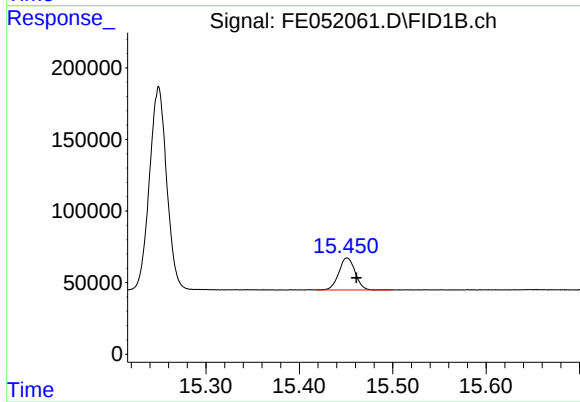
#8 N-DOCOSANE

R.T.: 14.354 min
Delta R.T.: -0.009 min
Response: 270290
Conc: 2.43 ug/ml



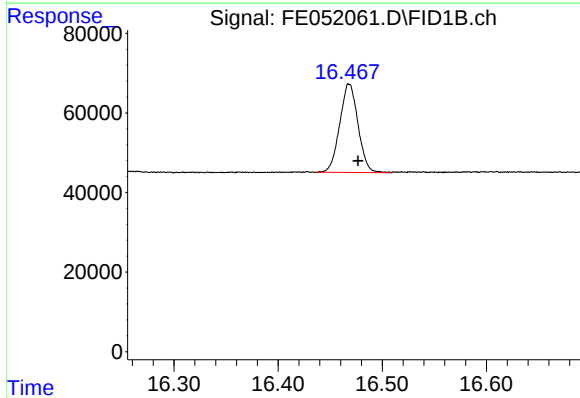
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.249 min
Delta R.T.: -0.008 min
Response: 1822203
Conc: 18.30 ug/ml



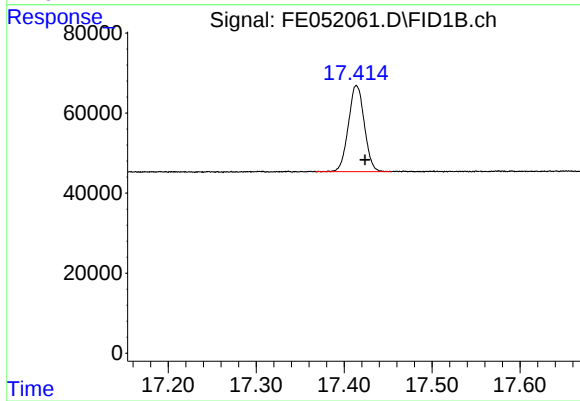
#10 N-TETRACOSANE

R.T.: 15.451 min
Delta R.T.: -0.010 min
Response: 272984
Conc: 2.47 ug/ml



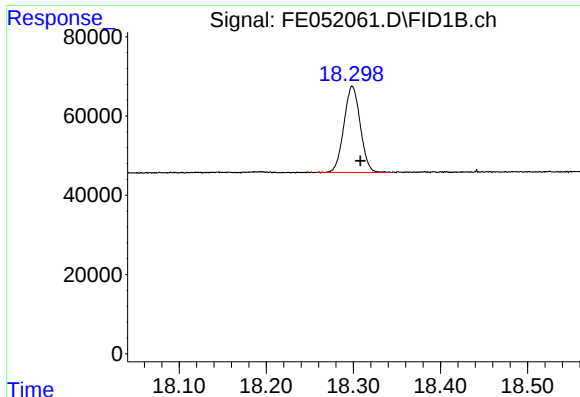
#11 N-HEXACOSANE

R.T.: 16.468 min
Delta R.T.: -0.009 min
Response: 271789
Conc: 2.49 ug/ml



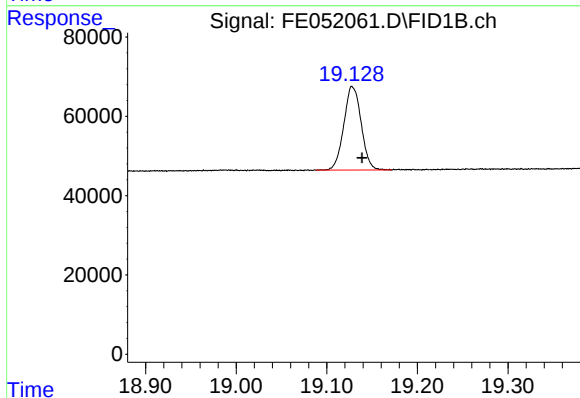
#12 N-OCTACOSANE

R.T.: 17.414 min
Delta R.T.: -0.010 min
Response: 270971
Conc: 2.51 ug/ml



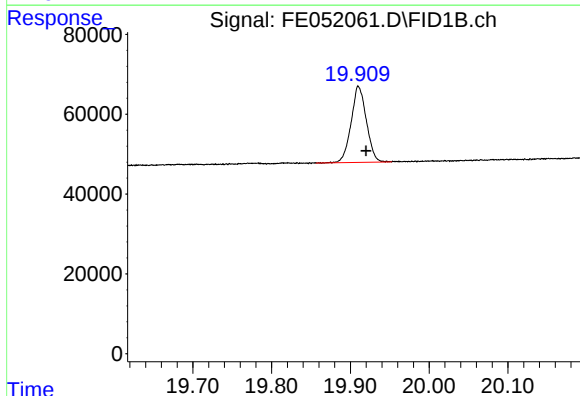
#13 N-TRIACONTANE

R.T.: 18.299 min
Delta R.T.: -0.009 min
Response: 283829
Conc: 2.65 ug/ml



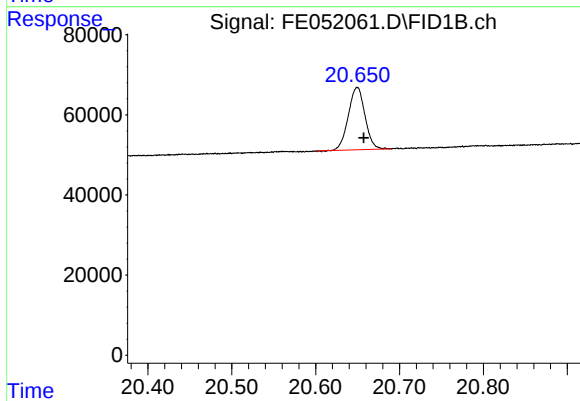
#14 N-DOTRIACONTANE

R.T.: 19.128 min
Delta R.T.: -0.011 min
Response: 281337
Conc: 2.69 ug/ml



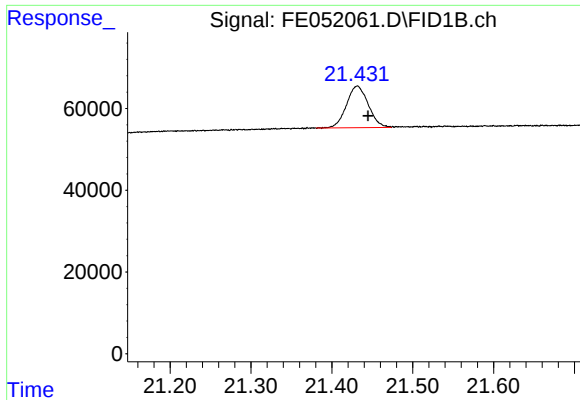
#15 N-TETRATRIACONTANE

R.T.: 19.910 min
Delta R.T.: -0.010 min
Response: 256755
Conc: 2.73 ug/ml



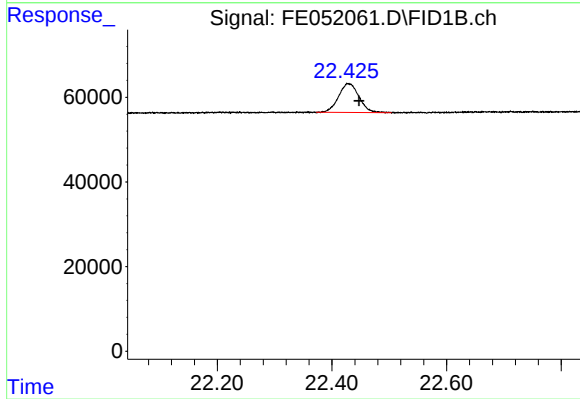
#16 N-HEXATRIACONTANE

R.T.: 20.650 min
Delta R.T.: -0.008 min
Response: 214691
Conc: 2.66 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.432 min
Delta R.T.: -0.013 min
Response: 190679
Conc: 2.56 ug/ml



#18 N-TETRACONTANE

R.T.: 22.428 min
Delta R.T.: -0.020 min
Response: 170031
Conc: 2.31 ug/ml