

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083123\
 Data File : FE044070.D
 Signal(s) : FID1B.ch
 Acq On : 31 Aug 2023 19:59
 Operator : YP\AJ
 Sample : 03572-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 01 00:26:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE083023.M
 Quant Title :
 QLast Update : Thu Aug 31 02:43:19 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...	15.024	2999296	20.458 ug/ml
Target Compounds			
1) N-OCTANE	2.044	394562	2.427 ug/ml
2) N-DECANE	4.571	445205	2.641 ug/ml
3) N-DODECANE	6.736	451481	2.650 ug/ml
4) N-TETRADECANE	8.561	460494	2.677 ug/ml
5) N-HEXADECANE	10.169	460302	2.669 ug/ml
6) N-OCTADECANE	11.613	464458	2.673 ug/ml
7) N-EICOSANE	12.924	458351	2.684 ug/ml
8) N-DOCOSANE	14.123	444711	2.647 ug/ml
10) N-TETRACOSANE	15.227	440501	2.668 ug/ml
11) N-HEXACOSANE	16.248	432066	2.687 ug/ml
12) N-OCTACOSANE	17.198	433327	2.772 ug/ml
13) N-TRIACONTANE	18.087	467202	3.121 ug/ml
14) N-DOTRIACONTANE	18.921	472349	3.471 ug/ml
15) N-TETRATRIACONTANE	19.705	420569	3.492 ug/ml
16) N-HEXATRIACONTANE	20.447	332716	3.132 ug/ml
17) N-OCTATRIACONTANE	21.188	277838	2.784 ug/ml
18) N-TETRACONTANE	22.105	233616	2.436 ug/ml

(f)=RT Delta > 1/2 Window

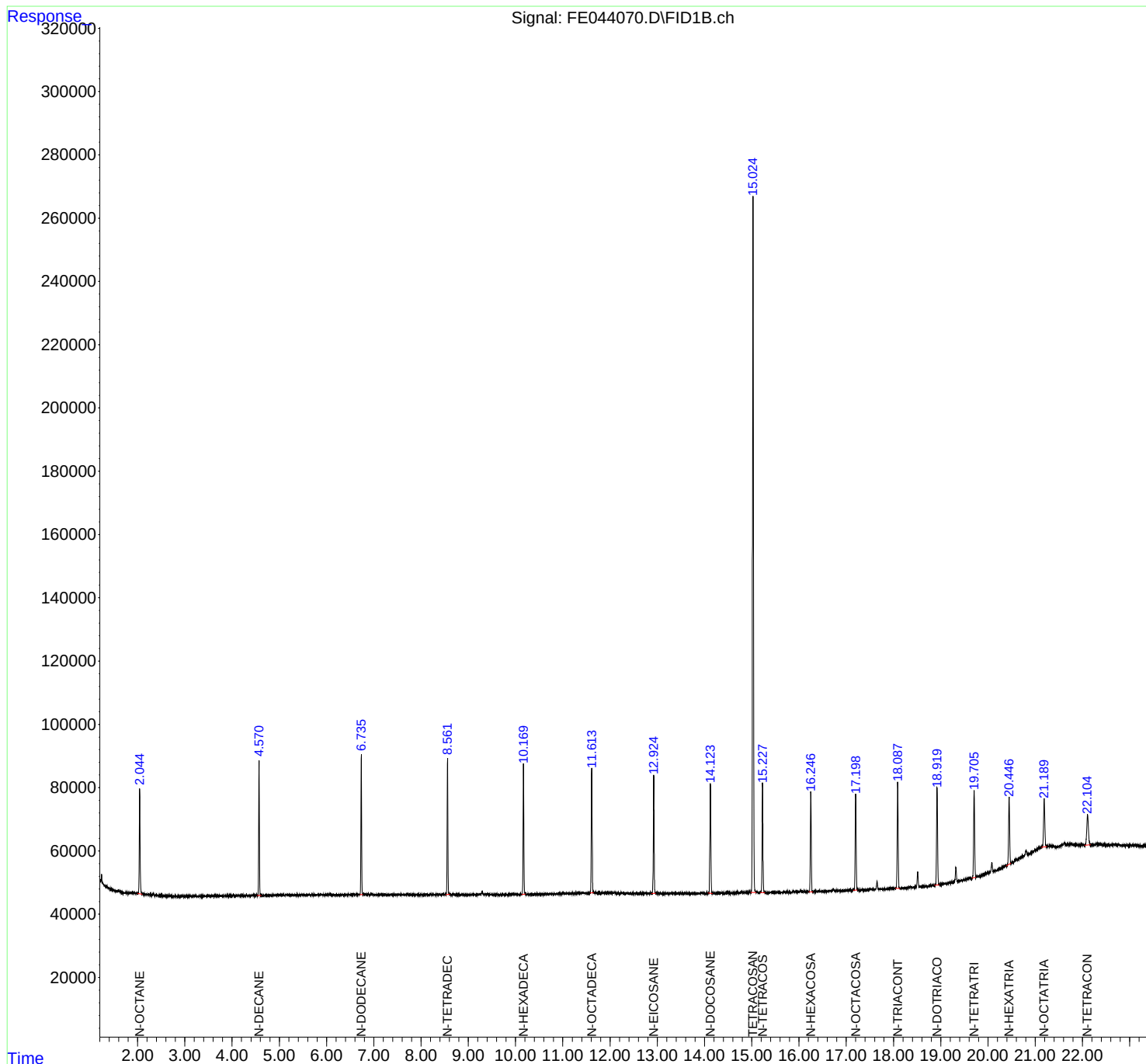
(m)=manual int.

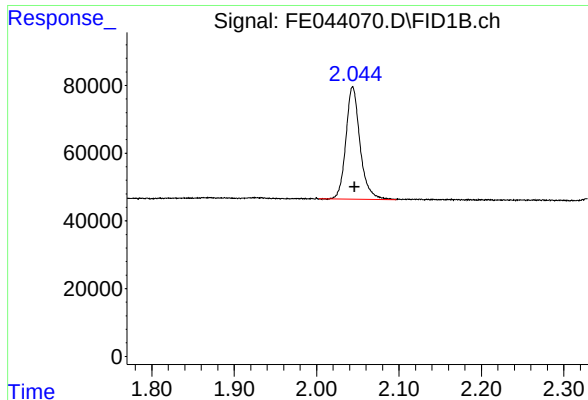
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Signal Info : 20mx0.18mmx0.18um

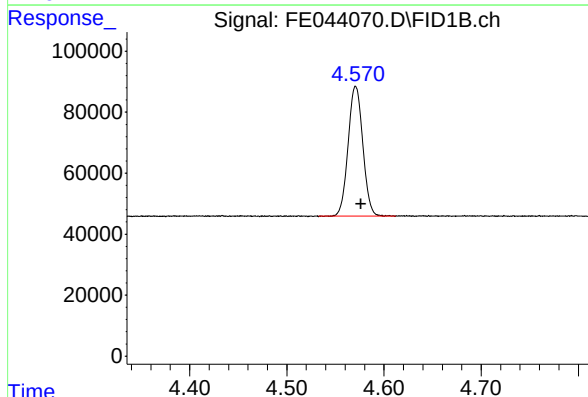




#1 N-OCTANE

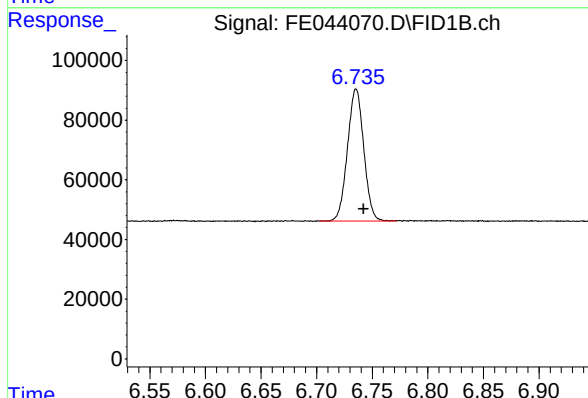
R.T.: 2.044 min
Delta R.T.: -0.002 min
Response: 394562
Conc: 2.43 ug/ml

Instrument :
FID_E
ClientSampleId :



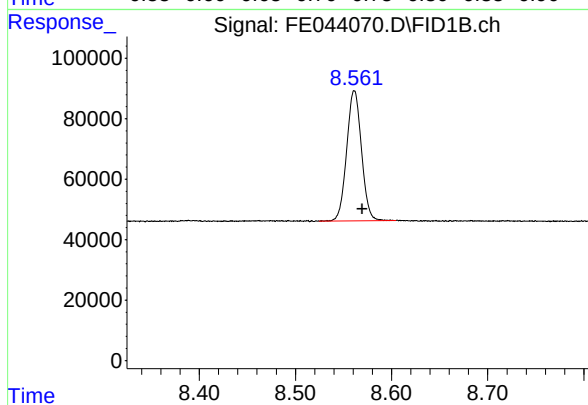
#2 N-DECANE

R.T.: 4.571 min
Delta R.T.: -0.005 min
Response: 445205
Conc: 2.64 ug/ml



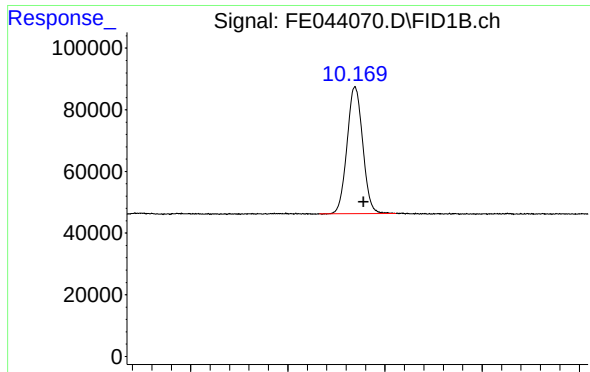
#3 N-DODECANE

R.T.: 6.736 min
Delta R.T.: -0.007 min
Response: 451481
Conc: 2.65 ug/ml



#4 N-TETRADECANE

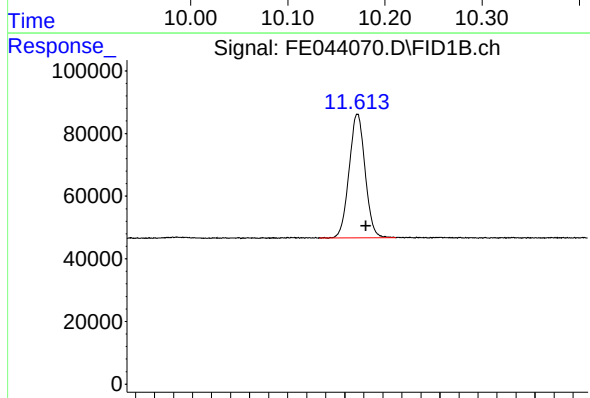
R.T.: 8.561 min
Delta R.T.: -0.008 min
Response: 460494
Conc: 2.68 ug/ml



#5 N-HEXADECANE

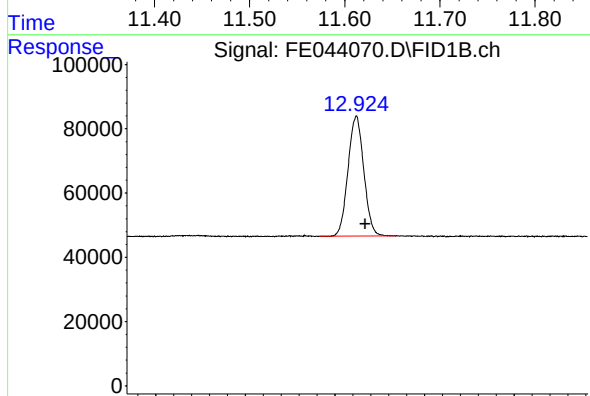
R.T.: 10.169 min
Delta R.T.: -0.009 min
Response: 460302
Conc: 2.67 ug/ml

Instrument :
FID_E
ClientSampleId :



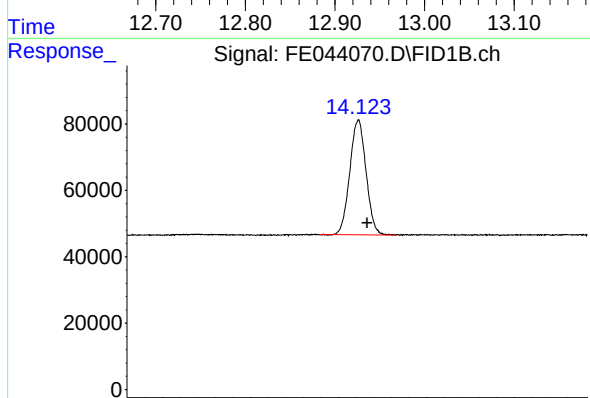
#6 N-OCTADECANE

R.T.: 11.613 min
Delta R.T.: -0.009 min
Response: 464458
Conc: 2.67 ug/ml



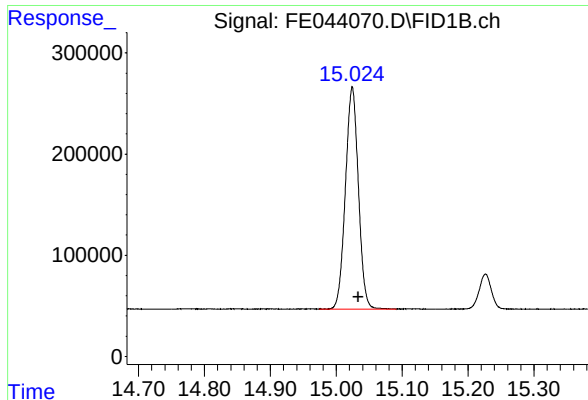
#7 N-EICOSANE

R.T.: 12.924 min
Delta R.T.: -0.010 min
Response: 458351
Conc: 2.68 ug/ml



#8 N-DOCOSANE

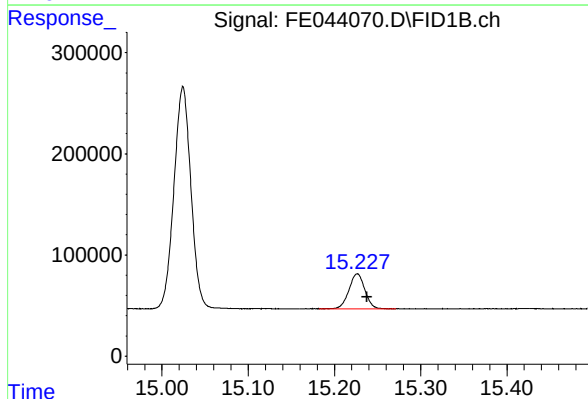
R.T.: 14.123 min
Delta R.T.: -0.010 min
Response: 444711
Conc: 2.65 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

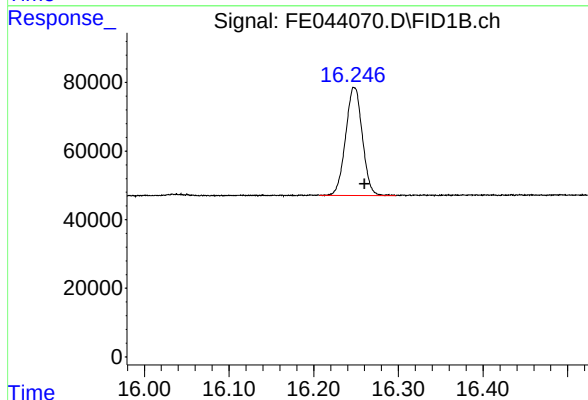
R.T.: 15.024 min
Delta R.T.: -0.009 min
Response: 2999296
Conc: 20.46 ug/ml

Instrument :
FID_E
ClientSampleId :



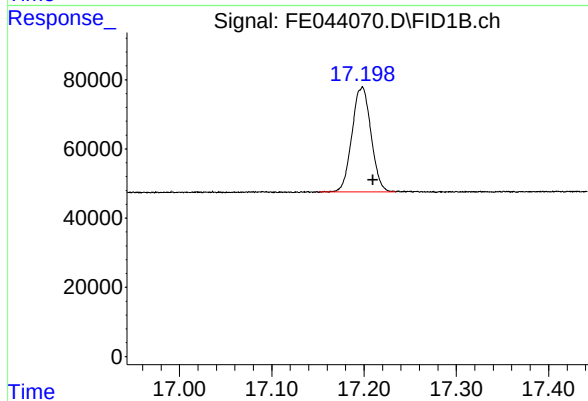
#10 N-TETRACOSANE

R.T.: 15.227 min
Delta R.T.: -0.011 min
Response: 440501
Conc: 2.67 ug/ml



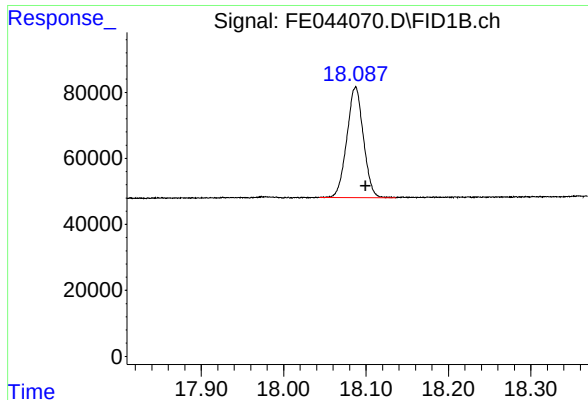
#11 N-HEXACOSANE

R.T.: 16.248 min
Delta R.T.: -0.012 min
Response: 432066
Conc: 2.69 ug/ml



#12 N-OCTACOSANE

R.T.: 17.198 min
Delta R.T.: -0.011 min
Response: 433327
Conc: 2.77 ug/ml



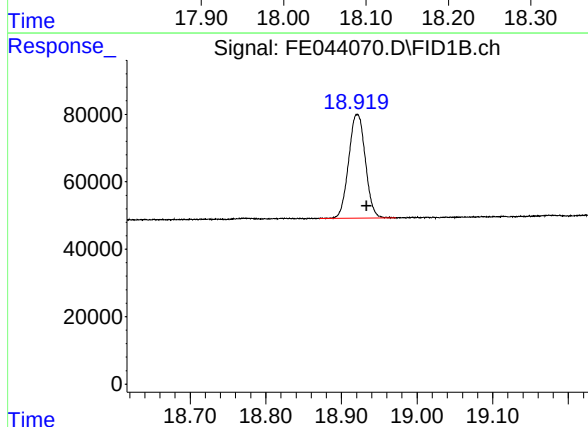
#13 N-TRIACONTANE

R.T.: 18.087 min
Delta R.T.: -0.012 min
Response: 467202
Conc: 3.12 ug/ml

Instrument :

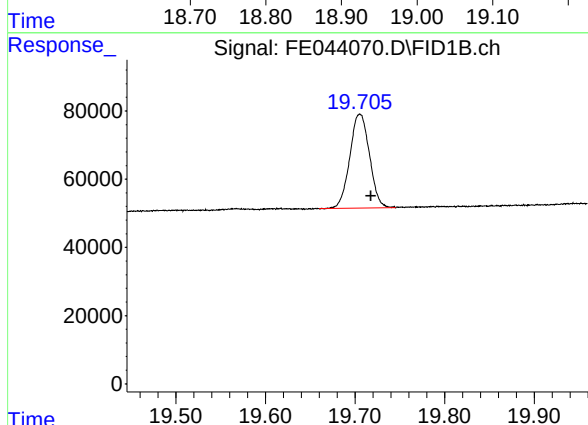
FID_E

ClientSampleId :



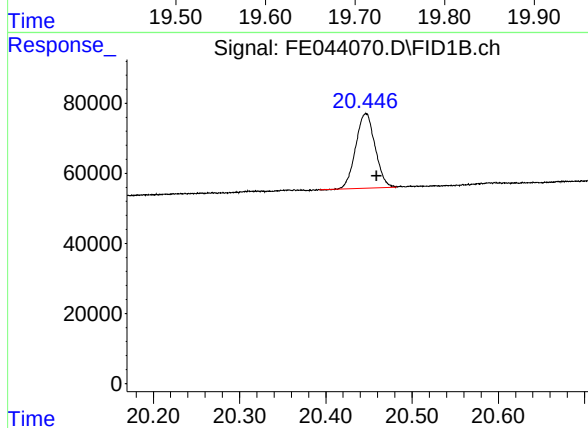
#14 N-DOTRIACONTANE

R.T.: 18.921 min
Delta R.T.: -0.013 min
Response: 472349
Conc: 3.47 ug/ml



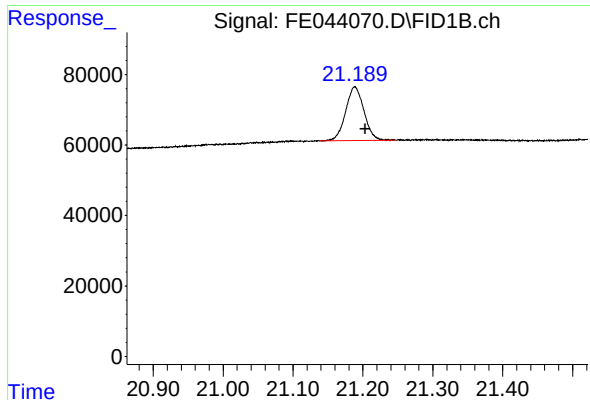
#15 N-TETRATRIACONTANE

R.T.: 19.705 min
Delta R.T.: -0.012 min
Response: 420569
Conc: 3.49 ug/ml



#16 N-HEXATRIACONTANE

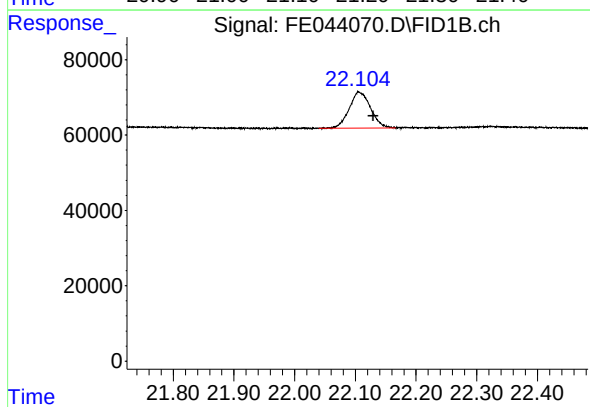
R.T.: 20.447 min
Delta R.T.: -0.012 min
Response: 332716
Conc: 3.13 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.188 min
Delta R.T.: -0.015 min
Response: 277838
Conc: 2.78 ug/ml

Instrument :
FID_E
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.105 min
Delta R.T.: -0.024 min
Response: 233616
Conc: 2.44 ug/ml