

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF012325\
 Data File : FF015296.D
 Signal(s) : FID2B.ch
 Acq On : 24 Jan 2025 01:09
 Operator : YP\AJ
 Sample : Q1168-04
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 24 05:06:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF011425.M
 Quant Title :
 QLast Update : Tue Jan 14 11:12:55 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...	15.021	1991487	15.209 ug/ml
Target Compounds			
1) N-OCTANE	2.037	296162	2.225 ug/ml
2) N-DECANE	4.568	320984	2.409 ug/ml
3) N-DODECANE	6.733	313801	2.294 ug/ml
4) N-TETRADECANE	8.559	300212	2.299 ug/ml
5) N-HEXADECANE	10.167	293272	2.184 ug/ml
6) N-OCTADECANE	11.608	297457	2.026 ug/ml
7) N-EICOSANE	12.919	302261	2.067 ug/ml
8) N-DOCOSANE	14.119	296489	2.048 ug/ml
10) N-TETRACOSANE	15.224	296789	2.050 ug/ml
11) N-HEXACOSANE	16.248	286226	2.031 ug/ml
12) N-OCTACOSANE	17.197	285287	2.082 ug/ml
13) N-TRIACONTANE	18.086	296178	2.227 ug/ml
14) N-DOTRIACONTANE	18.919	297620	2.343 ug/ml
15) N-TETRATRIACONTANE	19.705	260237	2.348 ug/ml
16) N-HEXATRIACONTANE	20.447	208165	2.303 ug/ml
17) N-OCTATRIACONTANE	21.186	184123	2.278 ug/ml
18) N-TETRACONTANE	22.102	165301	2.179 ug/ml

(f)=RT Delta > 1/2 Window

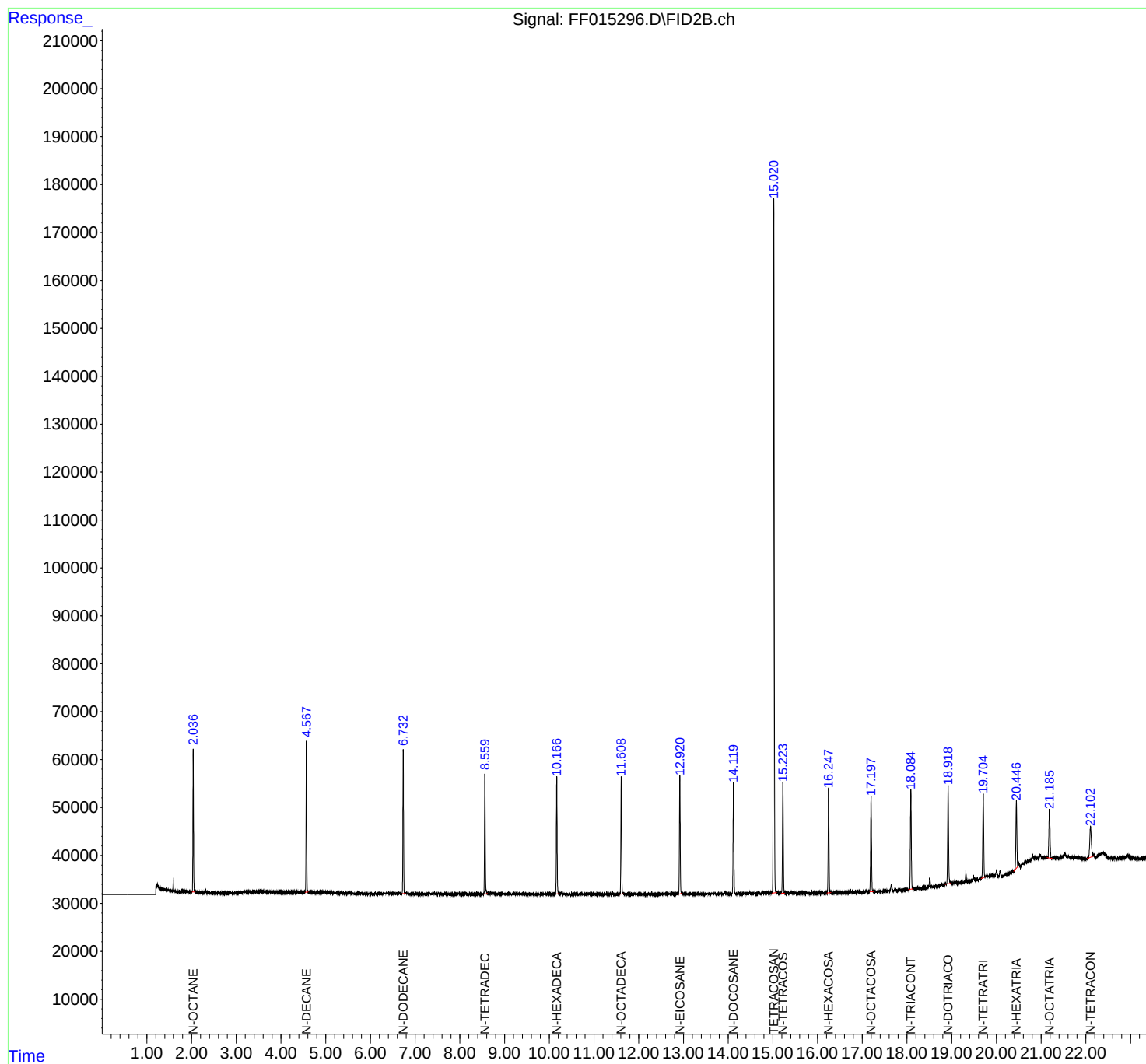
(m)=manual int.

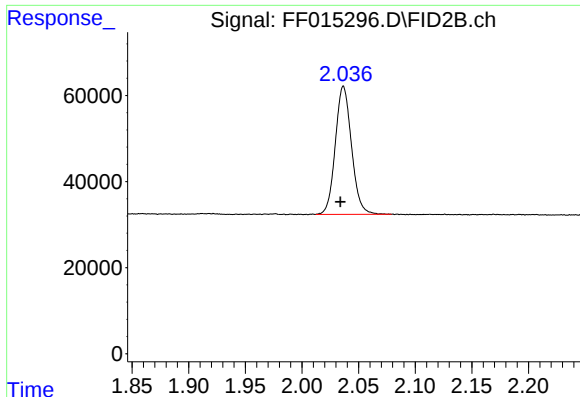
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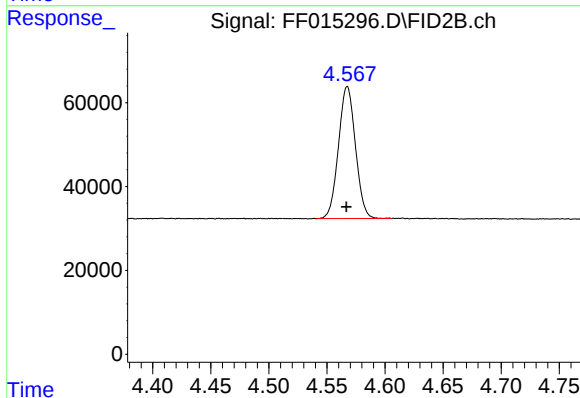




#1 N-OCTANE

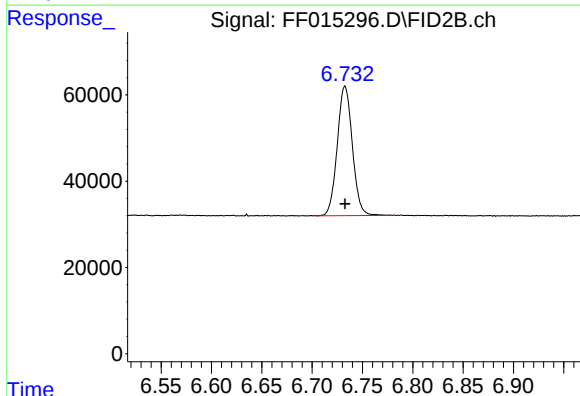
R.T.: 2.037 min
Delta R.T.: 0.003 min
Response: 296162
Conc: 2.22 ug/ml

Instrument :
FID_F
ClientSampleId :



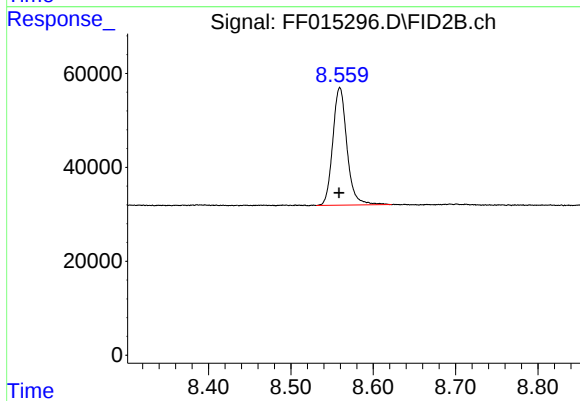
#2 N-DECANE

R.T.: 4.568 min
Delta R.T.: 0.000 min
Response: 320984
Conc: 2.41 ug/ml



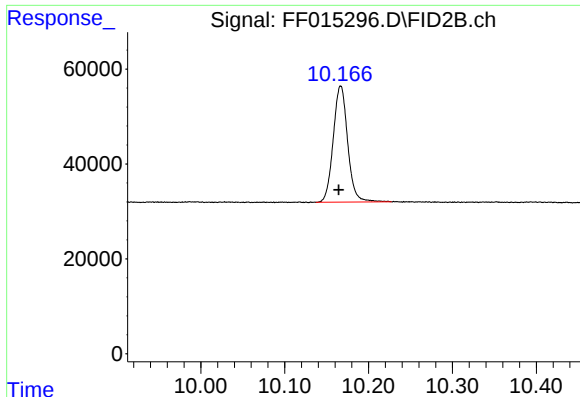
#3 N-DODECANE

R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 313801
Conc: 2.29 ug/ml



#4 N-TETRADECANE

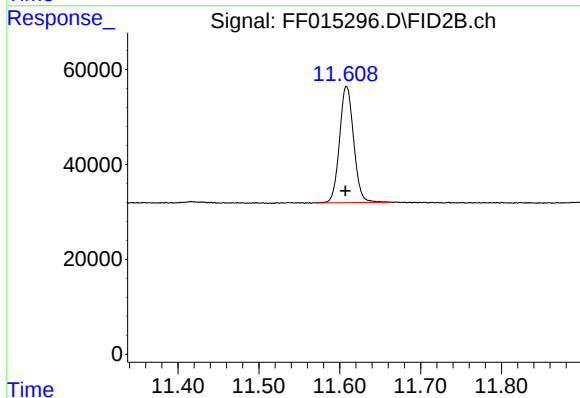
R.T.: 8.559 min
Delta R.T.: 0.001 min
Response: 300212
Conc: 2.30 ug/ml



#5 N-HEXADECANE

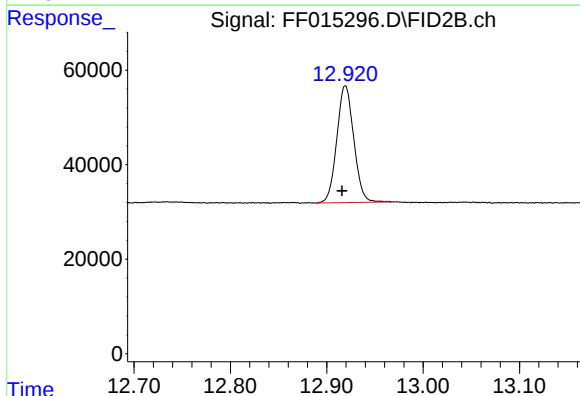
R.T.: 10.167 min
Delta R.T.: 0.002 min
Response: 293272
Conc: 2.18 ug/ml

Instrument :
FID_F
ClientSampleId :



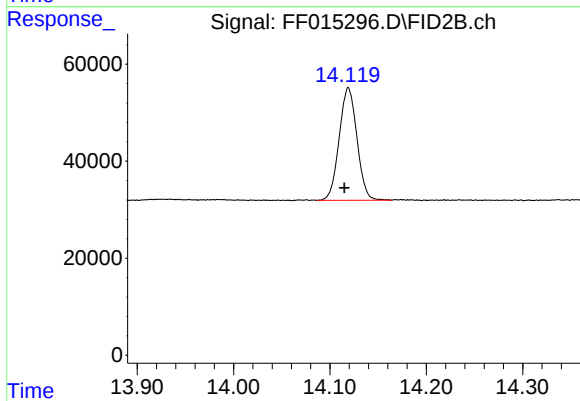
#6 N-OCTADECANE

R.T.: 11.608 min
Delta R.T.: 0.001 min
Response: 297457
Conc: 2.03 ug/ml



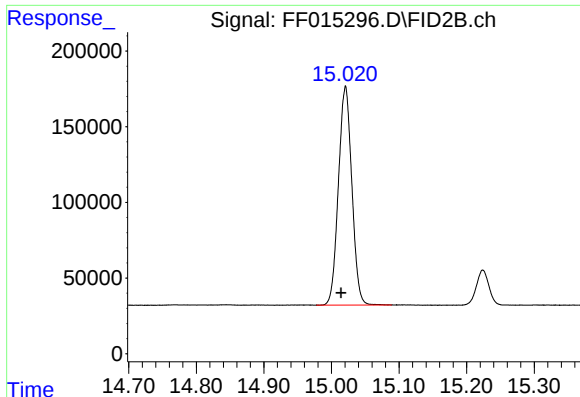
#7 N-EICOSANE

R.T.: 12.919 min
Delta R.T.: 0.003 min
Response: 302261
Conc: 2.07 ug/ml



#8 N-DOCOSANE

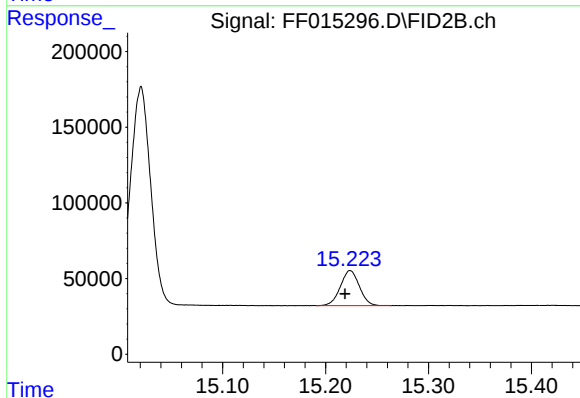
R.T.: 14.119 min
Delta R.T.: 0.004 min
Response: 296489
Conc: 2.05 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

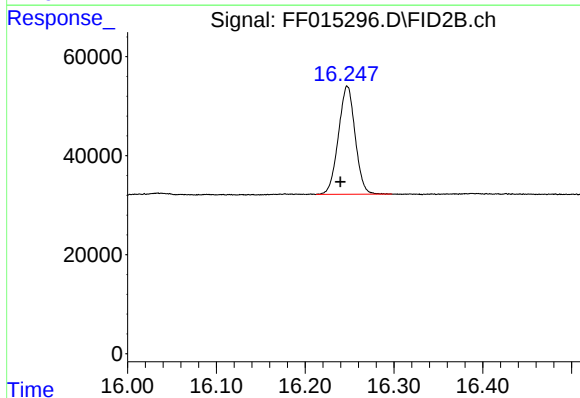
R.T.: 15.021 min
Delta R.T.: 0.006 min
Response: 1991487
Conc: 15.21 ug/ml

Instrument :
FID_F
ClientSampleId :



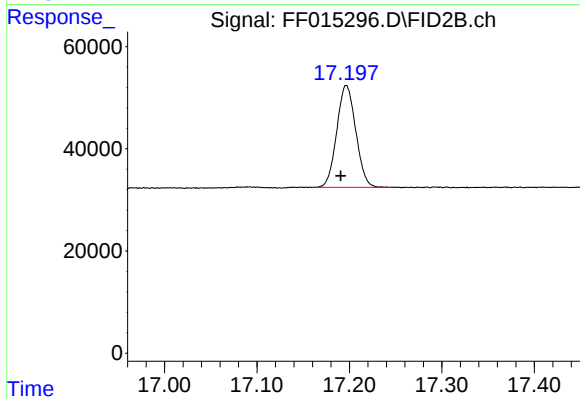
#10 N-TETRACOSANE

R.T.: 15.224 min
Delta R.T.: 0.005 min
Response: 296789
Conc: 2.05 ug/ml



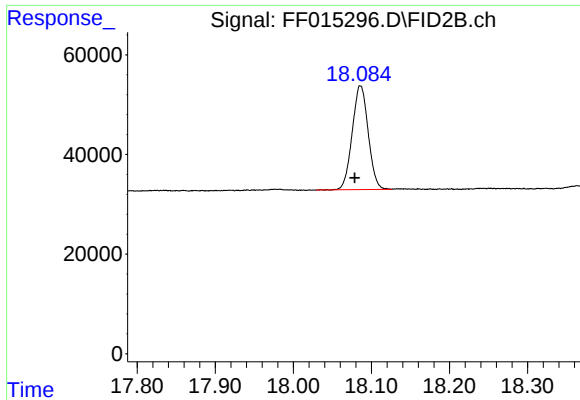
#11 N-HEXACOSANE

R.T.: 16.248 min
Delta R.T.: 0.008 min
Response: 286226
Conc: 2.03 ug/ml



#12 N-OCTACOSANE

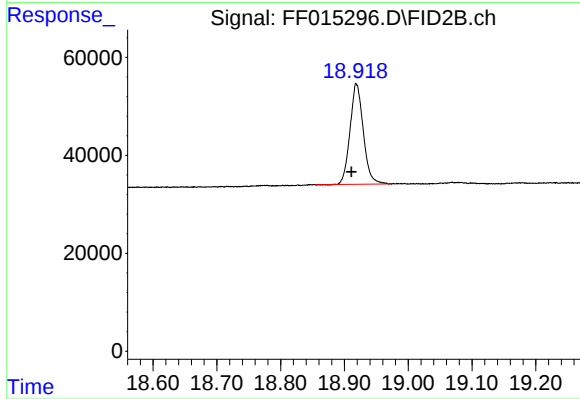
R.T.: 17.197 min
Delta R.T.: 0.006 min
Response: 285287
Conc: 2.08 ug/ml



#13 N-TRIACONTANE

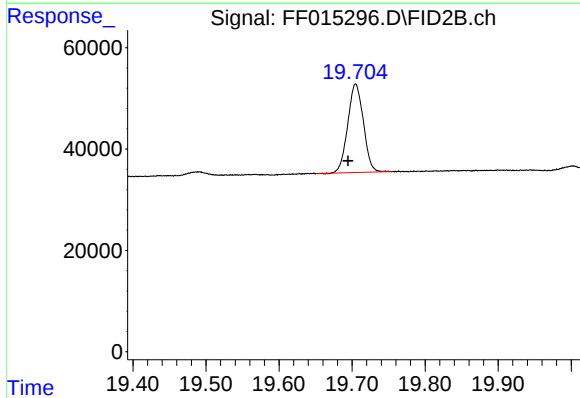
R.T.: 18.086 min
Delta R.T.: 0.007 min
Response: 296178
Conc: 2.23 ug/ml

Instrument :
FID_F
ClientSampleId :



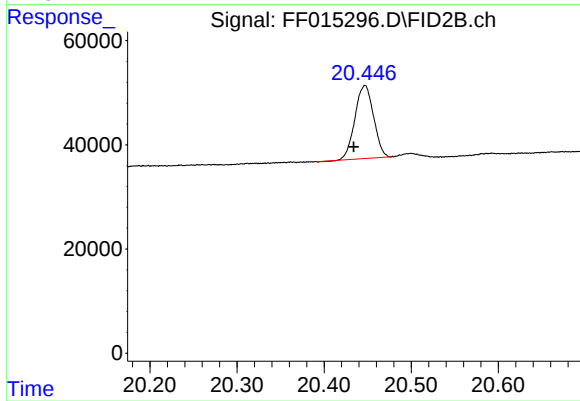
#14 N-DOTRIACONTANE

R.T.: 18.919 min
Delta R.T.: 0.008 min
Response: 297620
Conc: 2.34 ug/ml



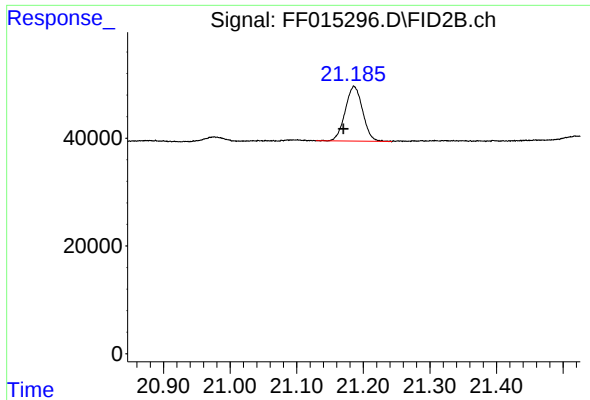
#15 N-TETRATRIACONTANE

R.T.: 19.705 min
Delta R.T.: 0.010 min
Response: 260237
Conc: 2.35 ug/ml



#16 N-HEXATRIACONTANE

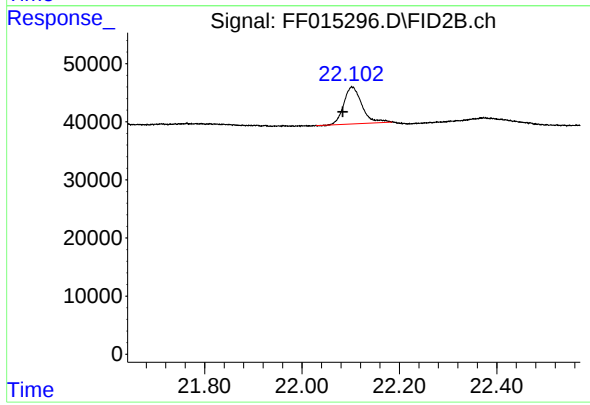
R.T.: 20.447 min
Delta R.T.: 0.013 min
Response: 208165
Conc: 2.30 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.186 min
Delta R.T.: 0.016 min
Response: 184123
Conc: 2.28 ug/ml

Instrument :
FID_F
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.102 min
Delta R.T.: 0.018 min
Response: 165301
Conc: 2.18 ug/ml