

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082625\
 Data File : FG016401.D
 Signal(s) : FID1A.ch
 Acq On : 26 Aug 2025 17:57
 Operator : YP\AJ
 Sample : Q2893-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 27 04:17:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
 Quant Title :
 QLast Update : Tue Aug 05 12:47:26 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...	15.194	2200579	23.097 ug/ml
Target Compounds			
1) N-OCTANE	2.115	560132	5.278 ug/ml
2) N-DECANE	4.660	625949	5.792 ug/ml
3) N-DODECANE	6.843	627398	5.773 ug/ml
4) N-TETRADECANE	8.685	642016	5.872 ug/ml
5) N-HEXADECANE	10.303	641726	5.904 ug/ml
6) N-OCTADECANE	11.758	662127	5.986 ug/ml
7) N-EICOSANE	13.078	679516	6.012 ug/ml
8) N-DOCOSANE	14.285	658722	5.996 ug/ml
10) N-TETRACOSANE	15.397	658667	6.011 ug/ml
11) N-HEXACOSANE	16.427	638176	5.967 ug/ml
12) N-OCTACOSANE	17.384	652957	6.061 ug/ml
13) N-TRIACONTANE	18.277	656206	6.023 ug/ml
14) N-DOTRIACONTANE	19.117	649733	6.168 ug/ml
15) N-TETRATRIACONTANE	19.906	548737	5.759 ug/ml
16) N-HEXATRIACONTANE	20.651	443501	5.936 ug/ml
17) N-OCTATRIACONTANE	21.441	382338	6.377 ug/ml
18) N-TETRACONTANE	22.446	394985	9.397 ug/ml

(f)=RT Delta > 1/2 Window

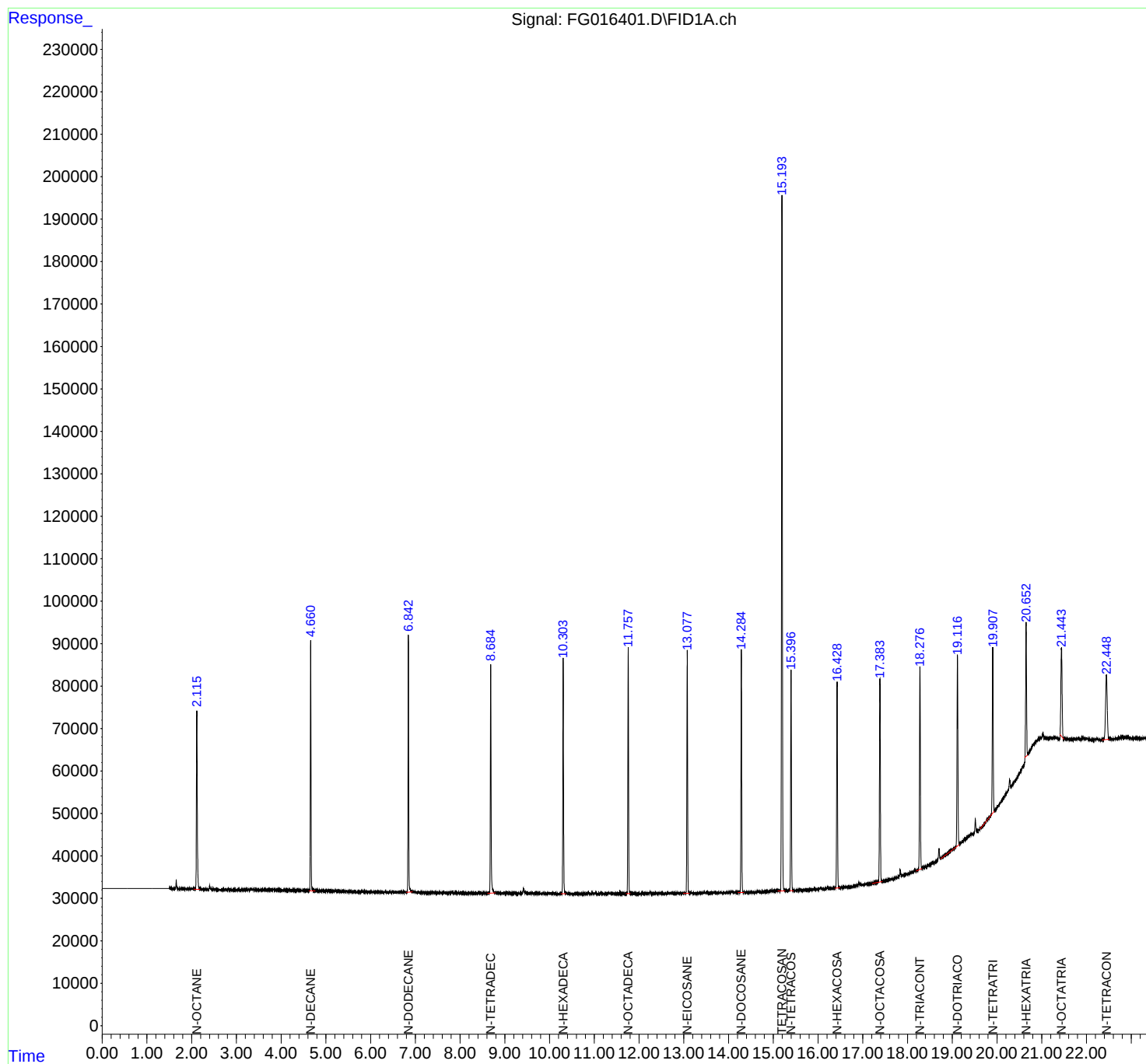
(m)=manual int.

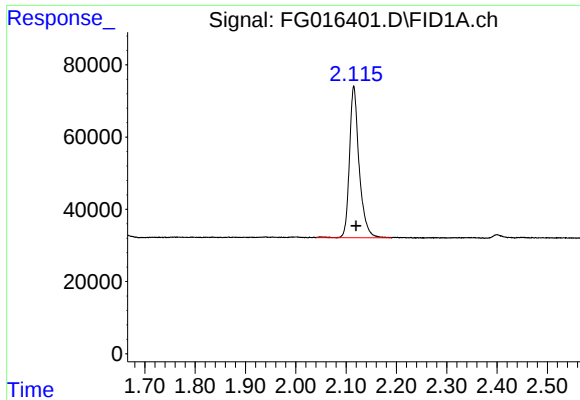
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Signal Info : 20mx0.18mmx0.18um

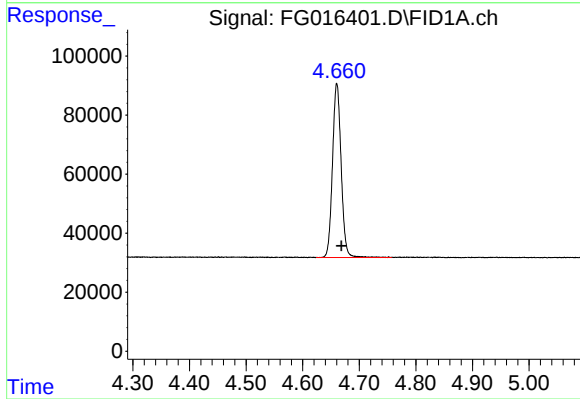




#1 N-OCTANE

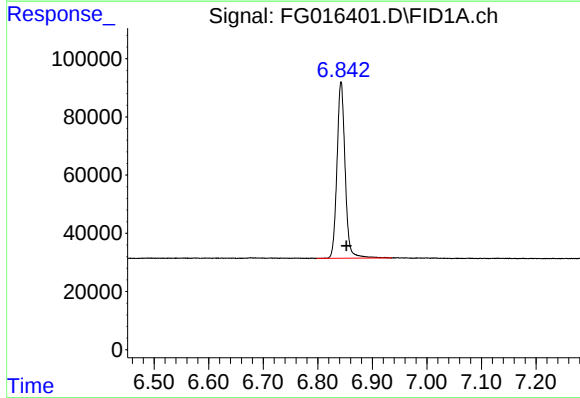
R.T.: 2.115 min
Delta R.T.: -0.005 min
Response: 560132
Conc: 5.28 ug/ml

Instrument :
FID_G
ClientSampleId :



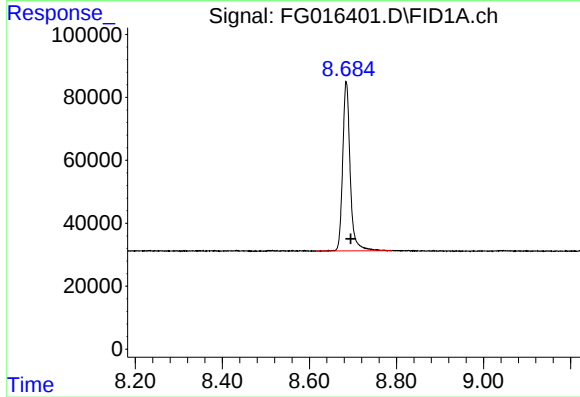
#2 N-DECANE

R.T.: 4.660 min
Delta R.T.: -0.008 min
Response: 625949
Conc: 5.79 ug/ml



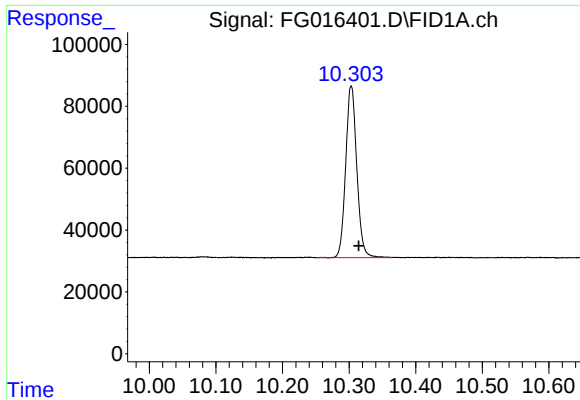
#3 N-DODECANE

R.T.: 6.843 min
Delta R.T.: -0.010 min
Response: 627398
Conc: 5.77 ug/ml



#4 N-TETRADECANE

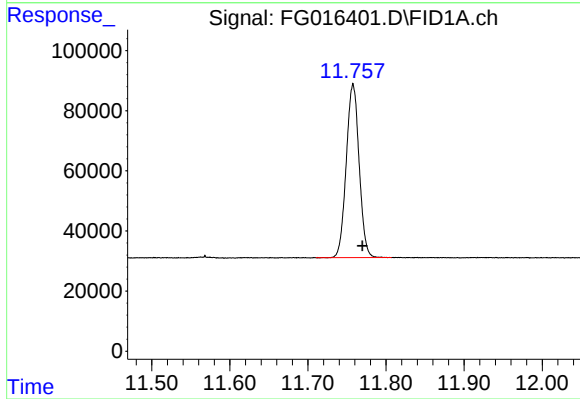
R.T.: 8.685 min
Delta R.T.: -0.010 min
Response: 642016
Conc: 5.87 ug/ml



#5 N-HEXADECANE

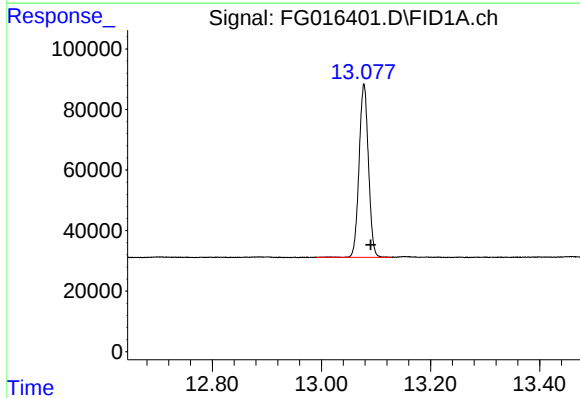
R.T.: 10.303 min
Delta R.T.: -0.011 min
Response: 641726
Conc: 5.90 ug/ml

Instrument :
FID_G
ClientSampleId :



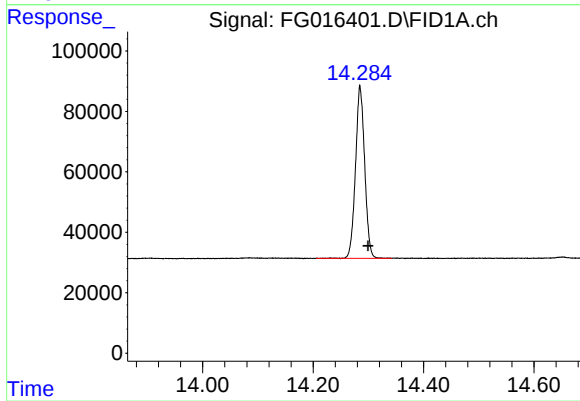
#6 N-OCTADECANE

R.T.: 11.758 min
Delta R.T.: -0.012 min
Response: 662127
Conc: 5.99 ug/ml



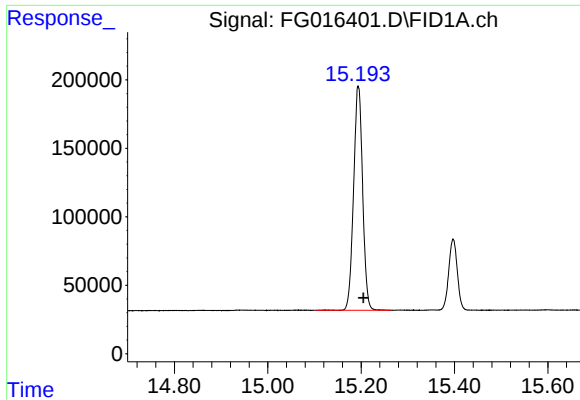
#7 N-EICOSANE

R.T.: 13.078 min
Delta R.T.: -0.013 min
Response: 679516
Conc: 6.01 ug/ml



#8 N-DOCOSANE

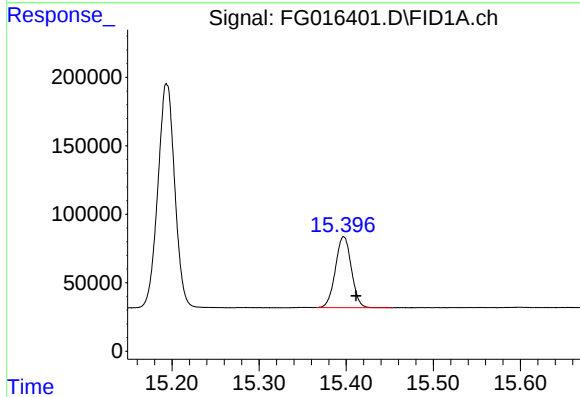
R.T.: 14.285 min
Delta R.T.: -0.014 min
Response: 658722
Conc: 6.00 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

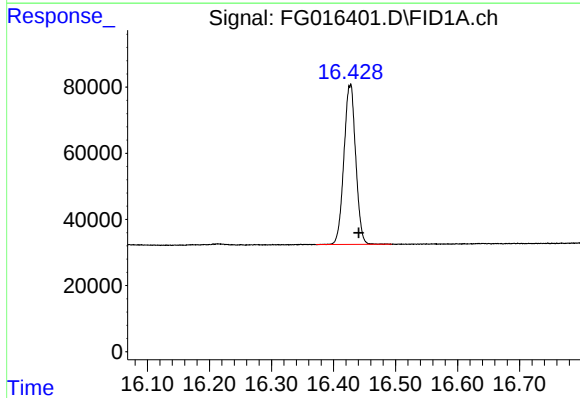
R.T.: 15.194 min
Delta R.T.: -0.011 min
Response: 2200579
Conc: 23.10 ug/ml

Instrument :
FID_G
ClientSampleId :



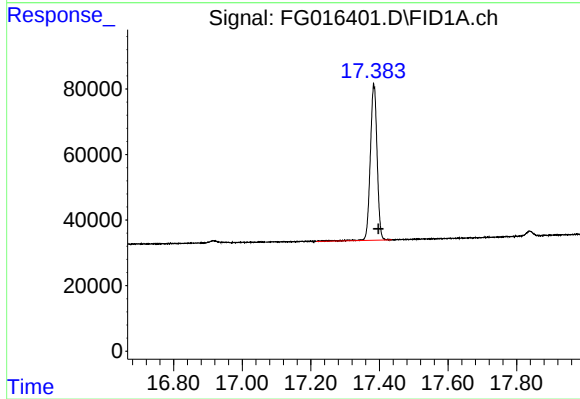
#10 N-TETRACOSANE

R.T.: 15.397 min
Delta R.T.: -0.014 min
Response: 658667
Conc: 6.01 ug/ml



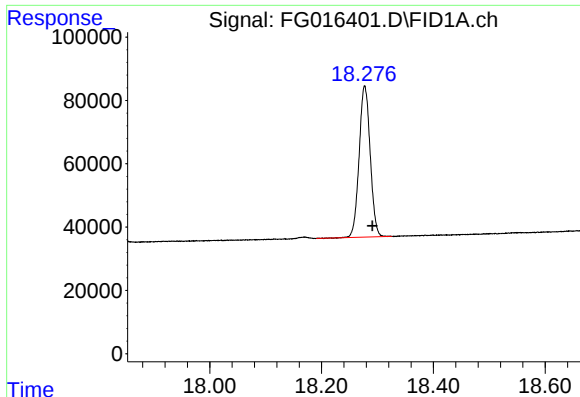
#11 N-HEXACOSANE

R.T.: 16.427 min
Delta R.T.: -0.013 min
Response: 638176
Conc: 5.97 ug/ml



#12 N-OCTACOSANE

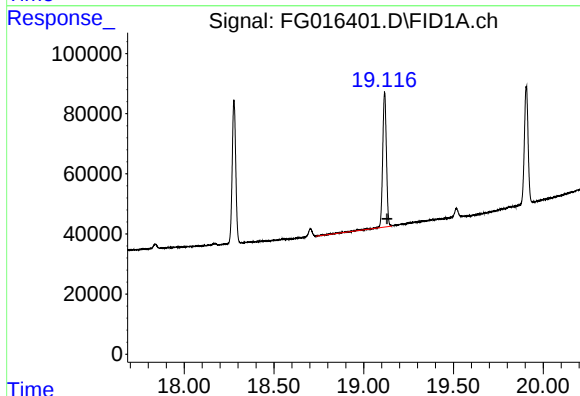
R.T.: 17.384 min
Delta R.T.: -0.013 min
Response: 652957
Conc: 6.06 ug/ml



#13 N-TRIACONTANE

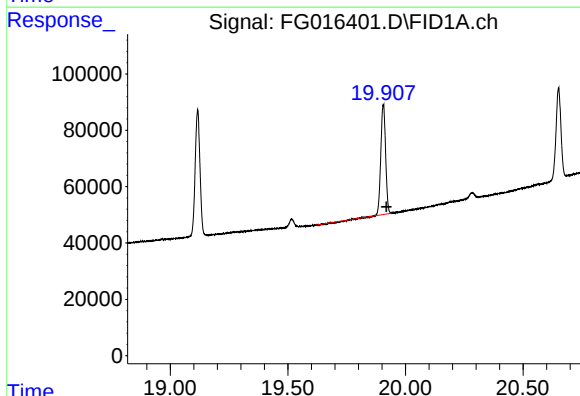
R.T.: 18.277 min
Delta R.T.: -0.014 min
Response: 656206
Conc: 6.02 ug/ml

Instrument :
FID_G
ClientSampleId :



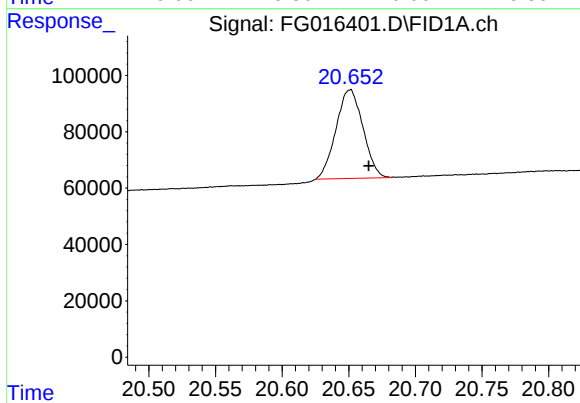
#14 N-DOTRIACONTANE

R.T.: 19.117 min
Delta R.T.: -0.013 min
Response: 649733
Conc: 6.17 ug/ml



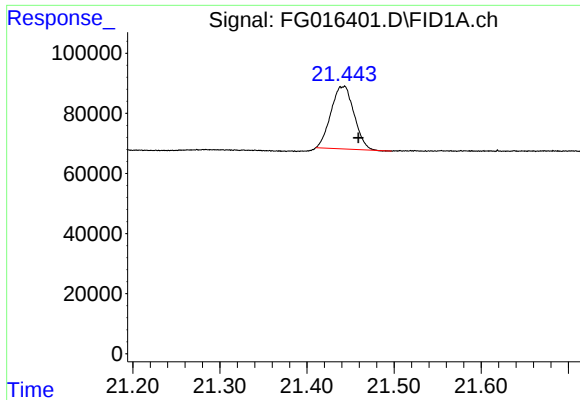
#15 N-TETRATRIACONTANE

R.T.: 19.906 min
Delta R.T.: -0.014 min
Response: 548737
Conc: 5.76 ug/ml



#16 N-HEXATRIACONTANE

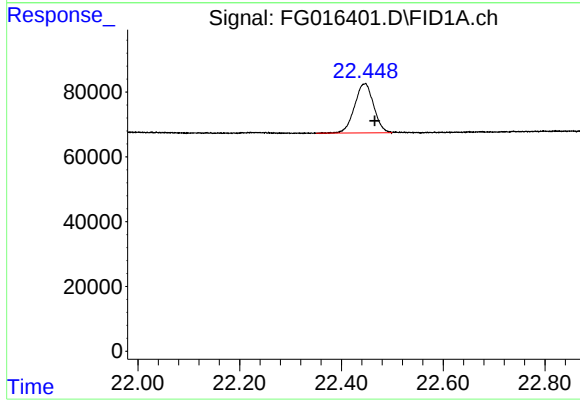
R.T.: 20.651 min
Delta R.T.: -0.014 min
Response: 443501
Conc: 5.94 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.441 min
Delta R.T.: -0.018 min
Response: 382338
Conc: 6.38 ug/ml

Instrument :
FID_G
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.446 min
Delta R.T.: -0.020 min
Response: 394985
Conc: 9.40 ug/ml