

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082625\
 Data File : FG016400.D
 Signal(s) : FID1A.ch
 Acq On : 26 Aug 2025 17:27
 Operator : YP\AJ
 Sample : Q2893-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 27 04:17:25 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	2096394	22.004 ug/ml
Target Compounds			
1) N-OCTANE	2.113	278728	2.627 ug/ml
2) N-DECANE	4.660	302935	2.803 ug/ml
3) N-DODECANE	6.843	291214	2.680 ug/ml
4) N-TETRADECANE	8.684	313620	2.868 ug/ml
5) N-HEXADECANE	10.305	309983	2.852 ug/ml
6) N-OCTADECANE	11.758	321797	2.909 ug/ml
7) N-EICOSANE	13.079	332134	2.939 ug/ml
8) N-DOCOSANE	14.286	321658	2.928 ug/ml
10) N-TETRACOSANE	15.399	330260	3.014 ug/ml
11) N-HEXACOSANE	16.427	316320	2.958 ug/ml
12) N-OCTACOSANE	17.385	317510	2.947 ug/ml
13) N-TRIACONTANE	18.279	330042	3.029 ug/ml
14) N-DOTRIACONTANE	19.117	332522	3.157 ug/ml
15) N-TETRATRIACONTANE	19.906	281910	2.959 ug/ml
16) N-HEXATRIACONTANE	20.651	227730	3.048 ug/ml
17) N-OCTATRIACONTANE	21.440	190780	3.182 ug/ml
18) N-TETRACONTANE	22.448	195335	4.647 ug/ml

(f)=RT Delta > 1/2 Window

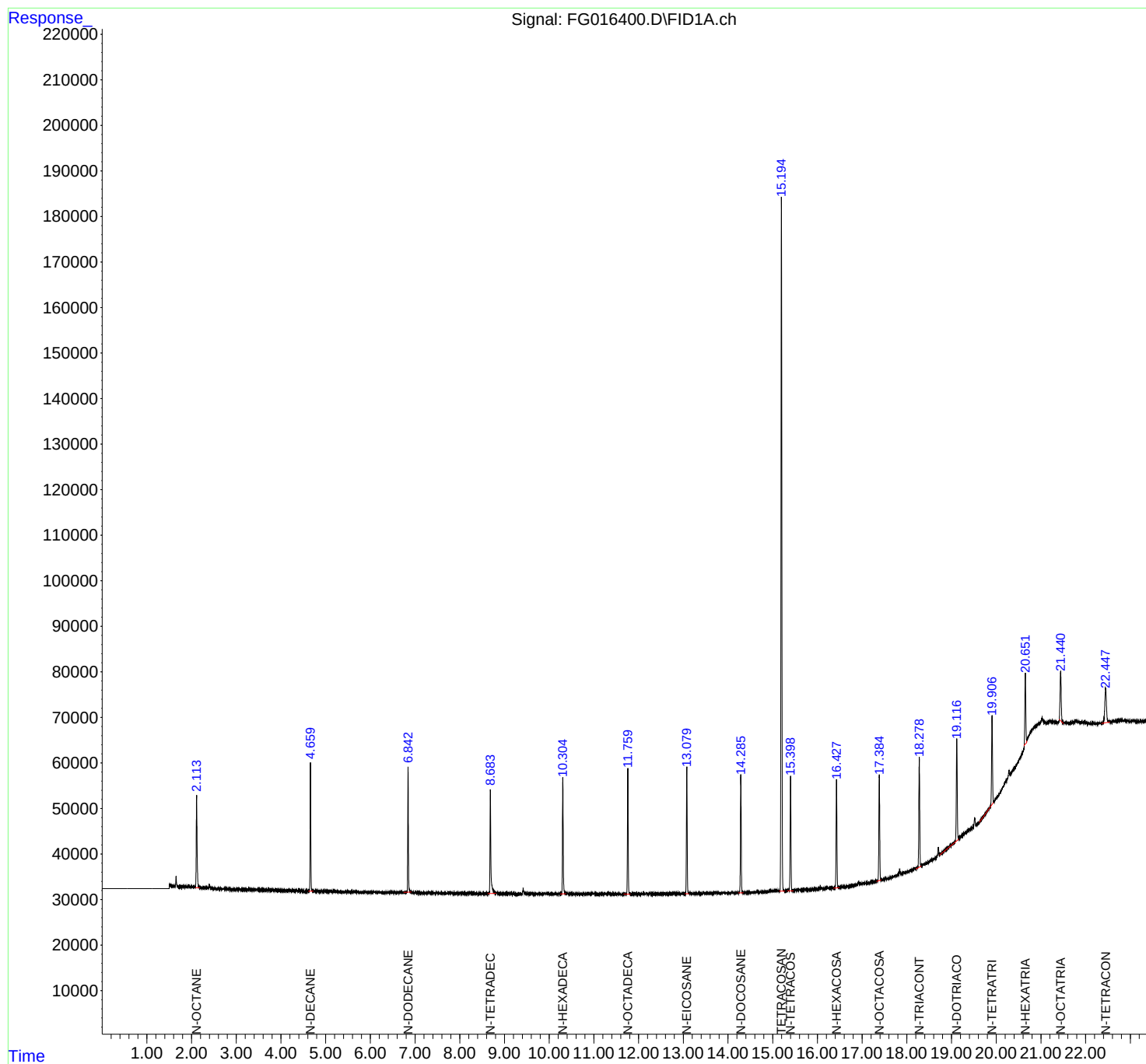
(m)=manual int.

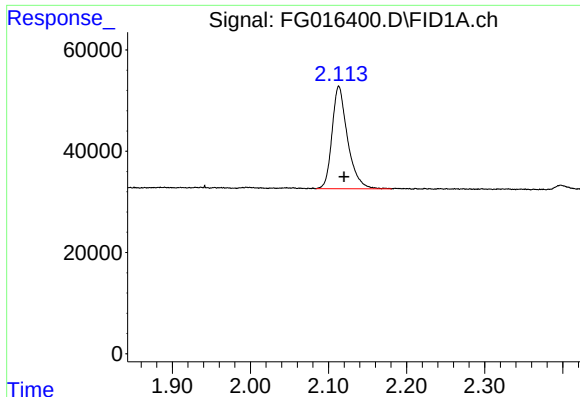
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Signal Info : 20mx0.18mmx0.18um

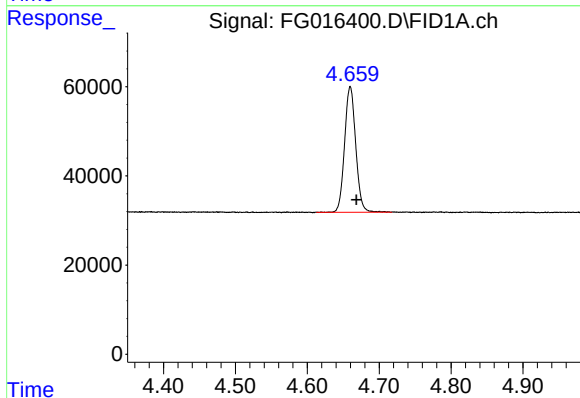




#1 N-OCTANE

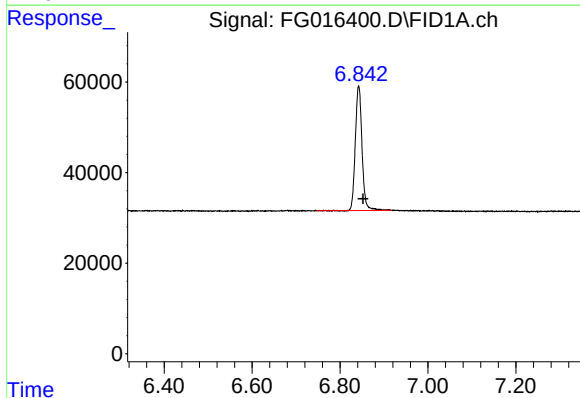
R.T.: 2.113 min
Delta R.T.: -0.007 min
Response: 278728
Conc: 2.63 ug/ml

Instrument :
FID_G
ClientSampleId :



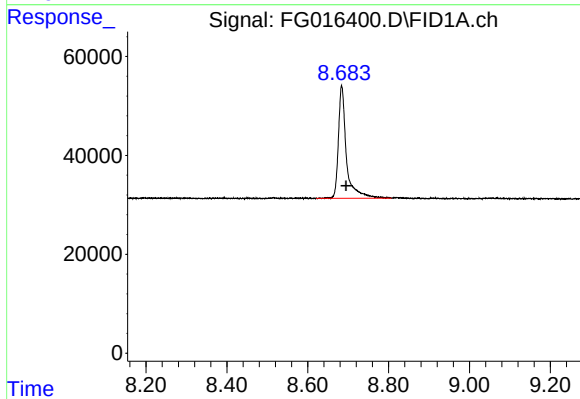
#2 N-DECANE

R.T.: 4.660 min
Delta R.T.: -0.008 min
Response: 302935
Conc: 2.80 ug/ml



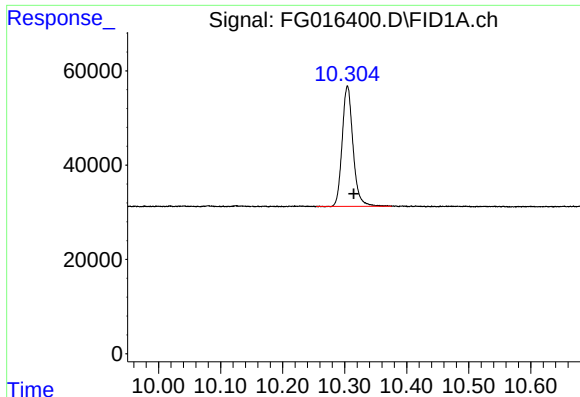
#3 N-DODECANE

R.T.: 6.843 min
Delta R.T.: -0.010 min
Response: 291214
Conc: 2.68 ug/ml



#4 N-TETRADECANE

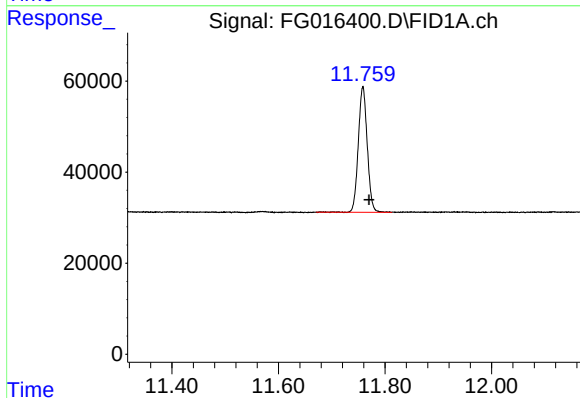
R.T.: 8.684 min
Delta R.T.: -0.011 min
Response: 313620
Conc: 2.87 ug/ml



#5 N-HEXADECANE

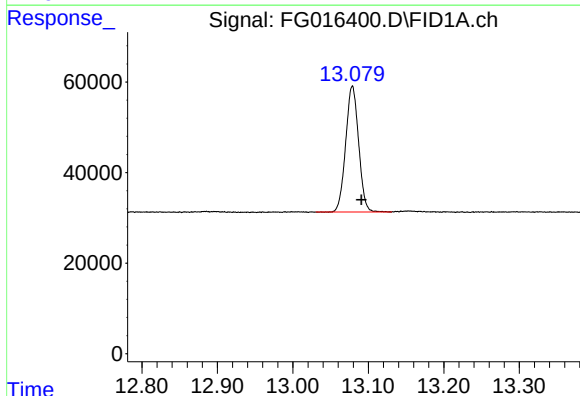
R.T.: 10.305 min
Delta R.T.: -0.010 min
Response: 309983
Conc: 2.85 ug/ml

Instrument :
FID_G
ClientSampleId :



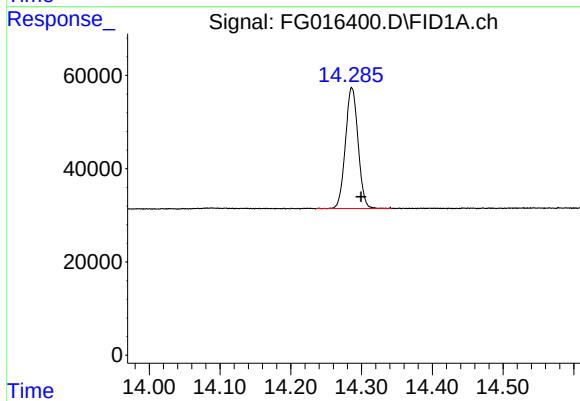
#6 N-OCTADECANE

R.T.: 11.758 min
Delta R.T.: -0.011 min
Response: 321797
Conc: 2.91 ug/ml



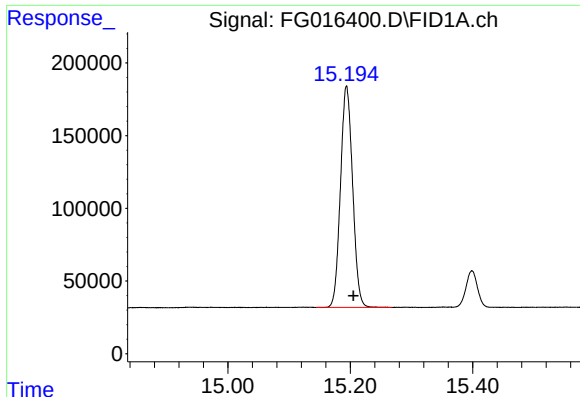
#7 N-EICOSANE

R.T.: 13.079 min
Delta R.T.: -0.012 min
Response: 332134
Conc: 2.94 ug/ml



#8 N-DOCOSANE

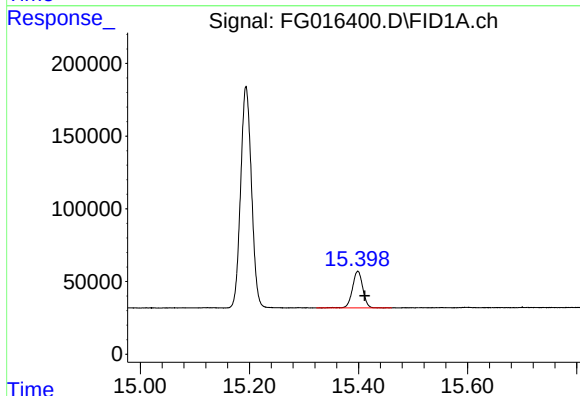
R.T.: 14.286 min
Delta R.T.: -0.013 min
Response: 321658
Conc: 2.93 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

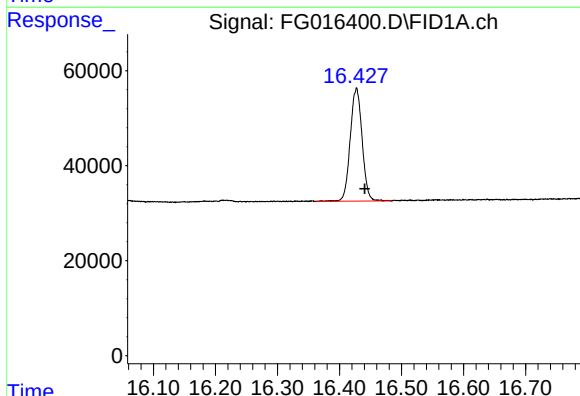
R.T.: 15.194 min
Delta R.T.: -0.011 min
Response: 2096394
Conc: 22.00 ug/ml

Instrument :
FID_G
ClientSampleId :



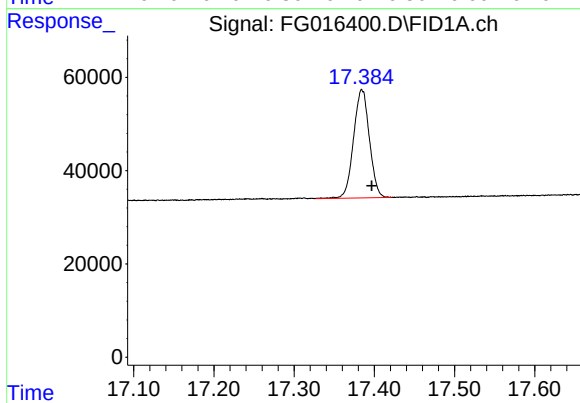
#10 N-TETRACOSANE

R.T.: 15.399 min
Delta R.T.: -0.012 min
Response: 330260
Conc: 3.01 ug/ml



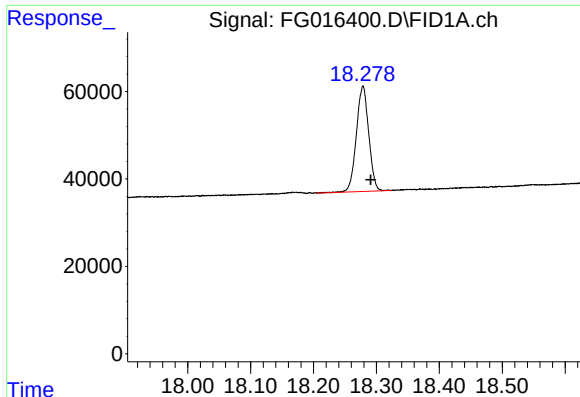
#11 N-HEXACOSANE

R.T.: 16.427 min
Delta R.T.: -0.013 min
Response: 316320
Conc: 2.96 ug/ml



#12 N-OCTACOSANE

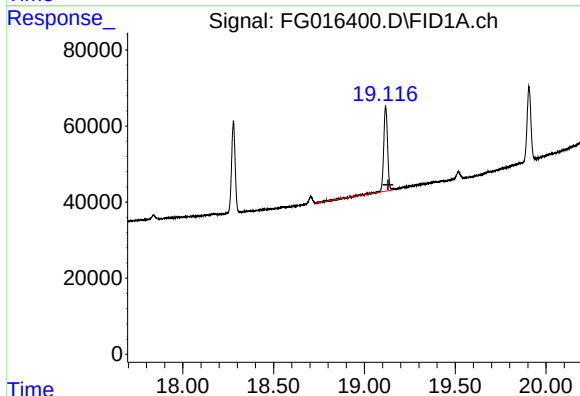
R.T.: 17.385 min
Delta R.T.: -0.012 min
Response: 317510
Conc: 2.95 ug/ml



#13 N-TRIACONTANE

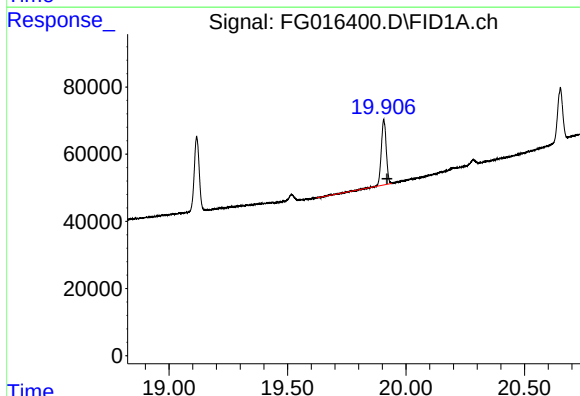
R.T.: 18.279 min
Delta R.T.: -0.012 min
Response: 330042
Conc: 3.03 ug/ml

Instrument :
FID_G
ClientSampleId :



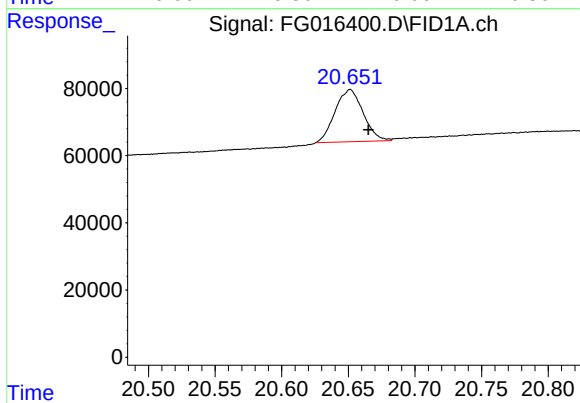
#14 N-DOTRIACONTANE

R.T.: 19.117 min
Delta R.T.: -0.014 min
Response: 332522
Conc: 3.16 ug/ml



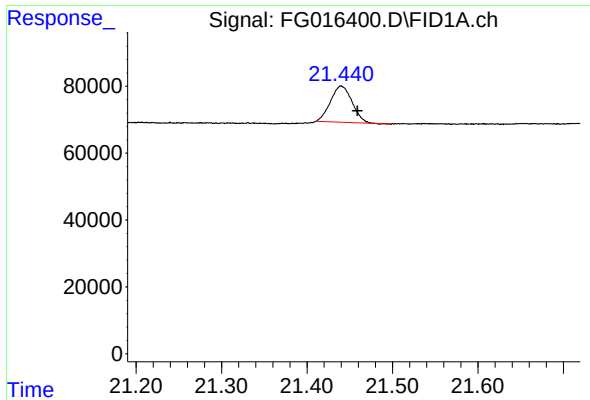
#15 N-TETRATRIACONTANE

R.T.: 19.906 min
Delta R.T.: -0.014 min
Response: 281910
Conc: 2.96 ug/ml



#16 N-HEXATRIACONTANE

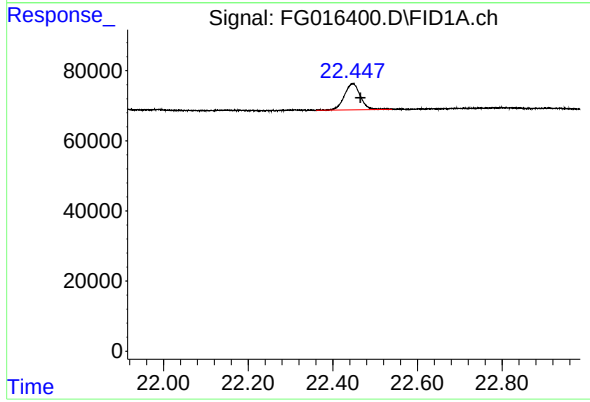
R.T.: 20.651 min
Delta R.T.: -0.013 min
Response: 227730
Conc: 3.05 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.440 min
Delta R.T.: -0.019 min
Response: 190780
Conc: 3.18 ug/ml

Instrument :
FID_G
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.448 min
Delta R.T.: -0.017 min
Response: 195335
Conc: 4.65 ug/ml