

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082625\
 Data File : FG016404.D
 Signal(s) : FID1A.ch
 Acq On : 26 Aug 2025 19:26
 Operator : YP\AJ
 Sample : Q2893-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 27 04:18:47 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...	15.193	2126830	22.323 ug/ml
Target Compounds			
1) N-OCTANE	2.114	547051	5.155 ug/ml
2) N-DECANE	4.660	604559	5.594 ug/ml
3) N-DODECANE	6.843	600125	5.522 ug/ml
4) N-TETRADECANE	8.684	618825	5.660 ug/ml
5) N-HEXADECANE	10.303	614967	5.658 ug/ml
6) N-OCTADECANE	11.757	636947	5.758 ug/ml
7) N-EICOSANE	13.078	652625	5.774 ug/ml
8) N-DOCOSANE	14.285	634701	5.777 ug/ml
10) N-TETRACOSANE	15.397	643810	5.876 ug/ml
11) N-HEXACOSANE	16.426	613822	5.739 ug/ml
12) N-OCTACOSANE	17.383	622959	5.782 ug/ml
13) N-TRIACONTANE	18.277	634567	5.824 ug/ml
14) N-DOTRIACONTANE	19.114	612881	5.819 ug/ml
15) N-TETRATRIACONTANE	19.903	497707	5.223 ug/ml
16) N-HEXATRIACONTANE	20.649	421350	5.639 ug/ml
17) N-OCTATRIACONTANE	21.438	339052	5.655 ug/ml
18) N-TETRACONTANE	22.442	400091	9.519 ug/ml

(f)=RT Delta > 1/2 Window

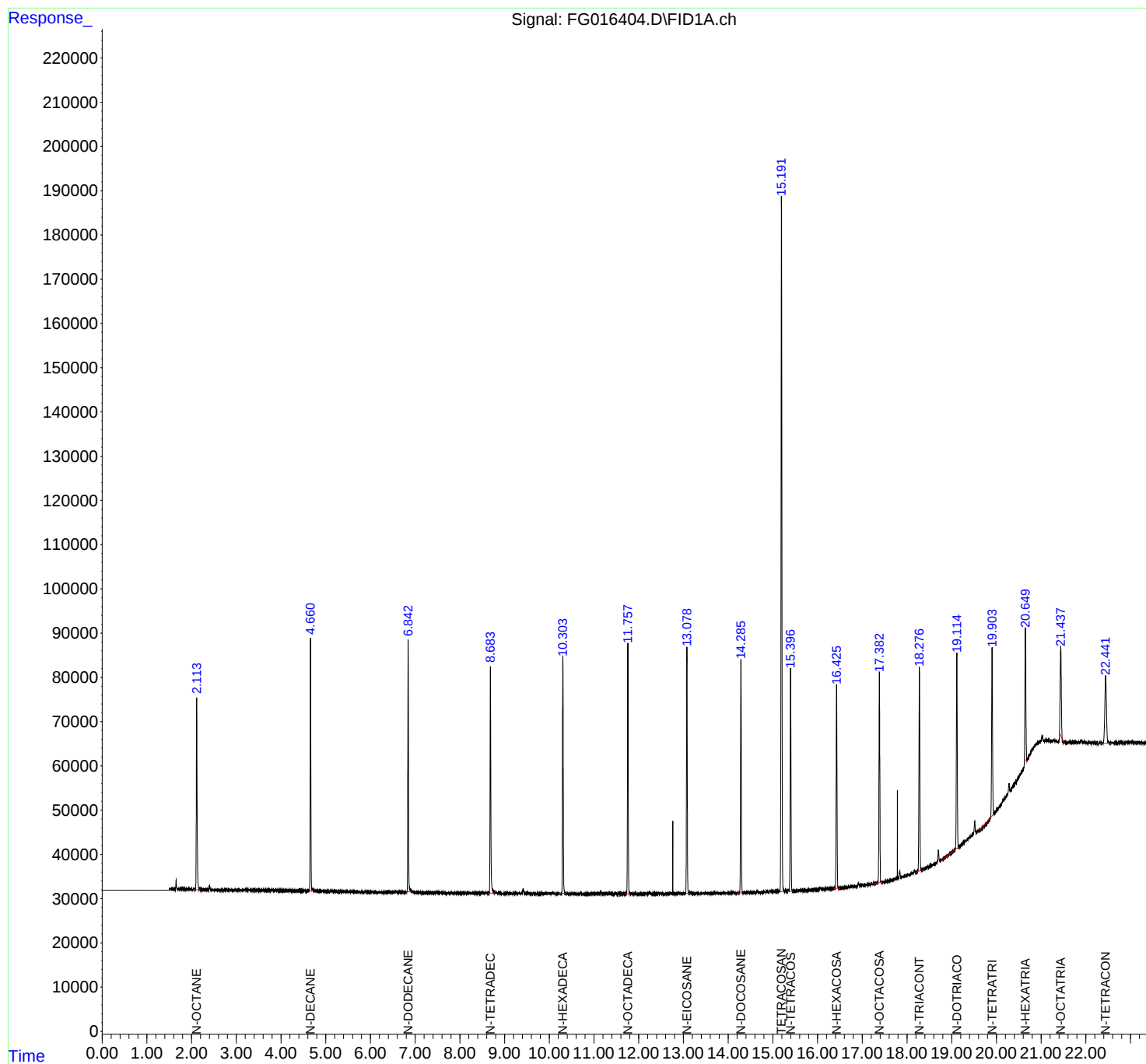
(m)=manual int.

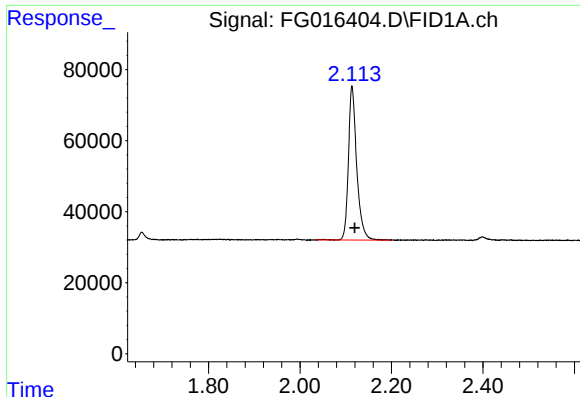
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Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

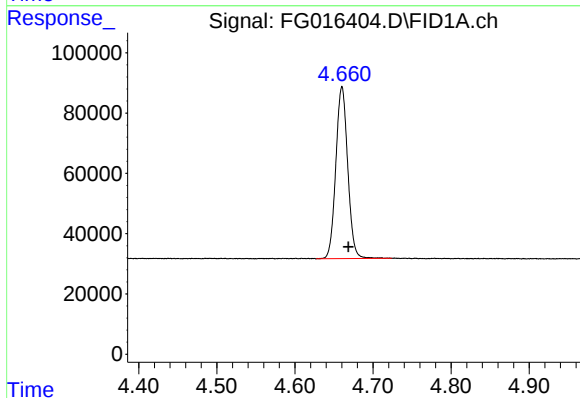




#1 N-OCTANE

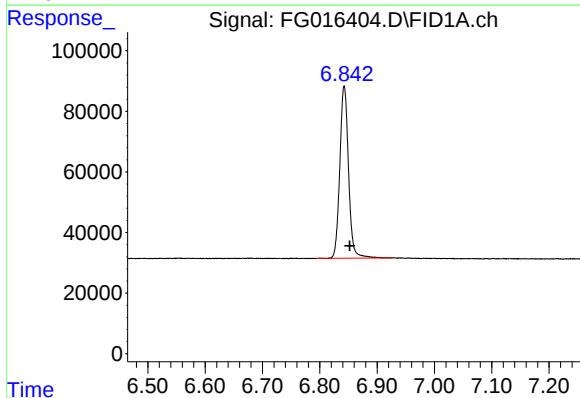
R.T.: 2.114 min
Delta R.T.: -0.006 min
Response: 547051
Conc: 5.16 ug/ml

Instrument :
FID_G
ClientSampleId :



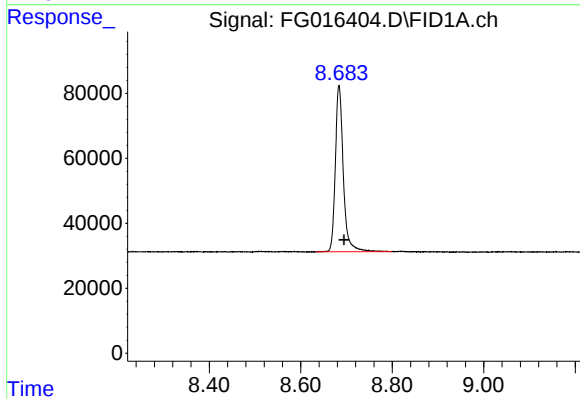
#2 N-DECANE

R.T.: 4.660 min
Delta R.T.: -0.008 min
Response: 604559
Conc: 5.59 ug/ml



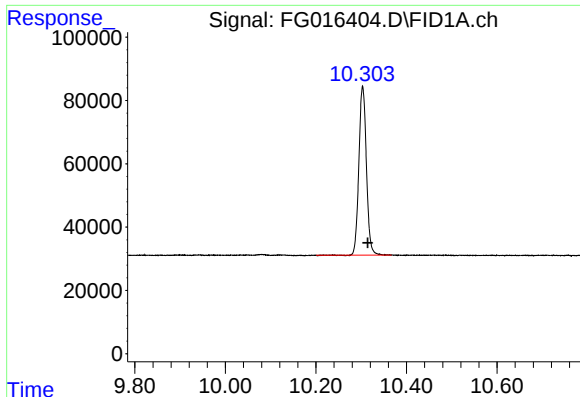
#3 N-DODECANE

R.T.: 6.843 min
Delta R.T.: -0.010 min
Response: 600125
Conc: 5.52 ug/ml



#4 N-TETRADECANE

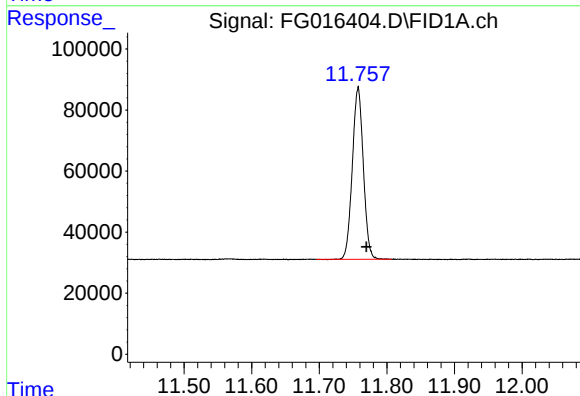
R.T.: 8.684 min
Delta R.T.: -0.011 min
Response: 618825
Conc: 5.66 ug/ml



#5 N-HEXADECANE

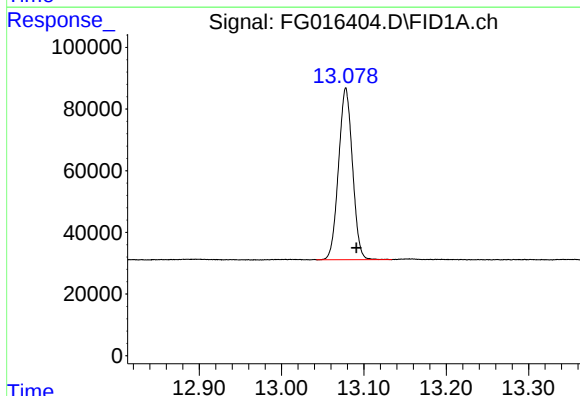
R.T.: 10.303 min
Delta R.T.: -0.011 min
Response: 614967
Conc: 5.66 ug/ml

Instrument :
FID_G
ClientSampleId :



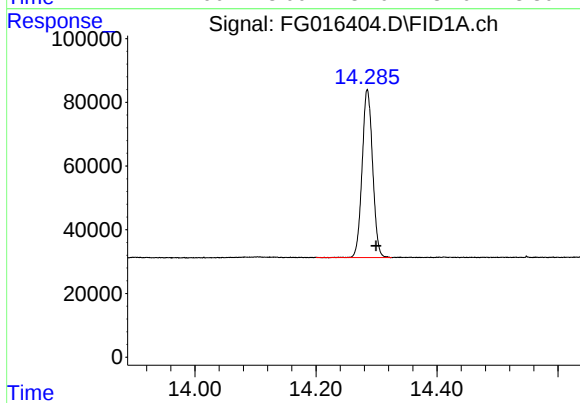
#6 N-OCTADECANE

R.T.: 11.757 min
Delta R.T.: -0.012 min
Response: 636947
Conc: 5.76 ug/ml



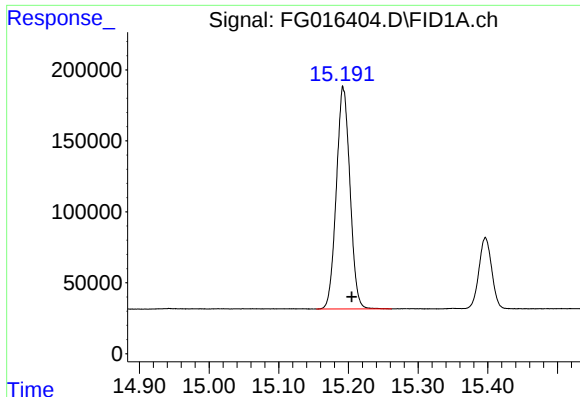
#7 N-EICOSANE

R.T.: 13.078 min
Delta R.T.: -0.013 min
Response: 652625
Conc: 5.77 ug/ml



#8 N-DOCOSANE

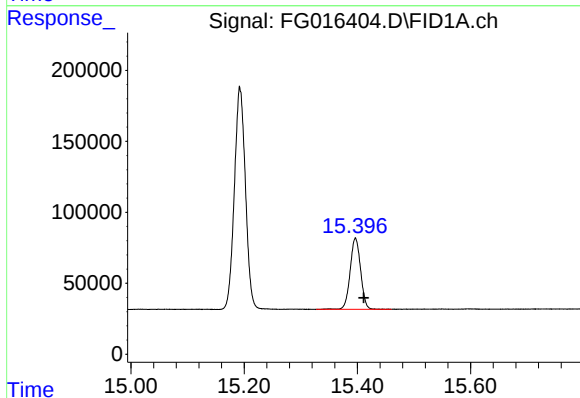
R.T.: 14.285 min
Delta R.T.: -0.014 min
Response: 634701
Conc: 5.78 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

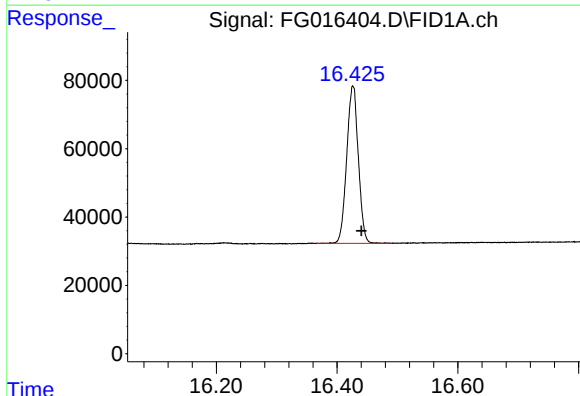
R.T.: 15.193 min
Delta R.T.: -0.012 min
Response: 2126830
Conc: 22.32 ug/ml

Instrument :
FID_G
ClientSampleId :



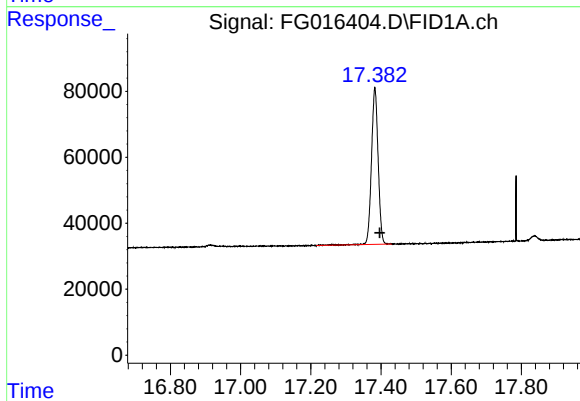
#10 N-TETRACOSANE

R.T.: 15.397 min
Delta R.T.: -0.015 min
Response: 643810
Conc: 5.88 ug/ml



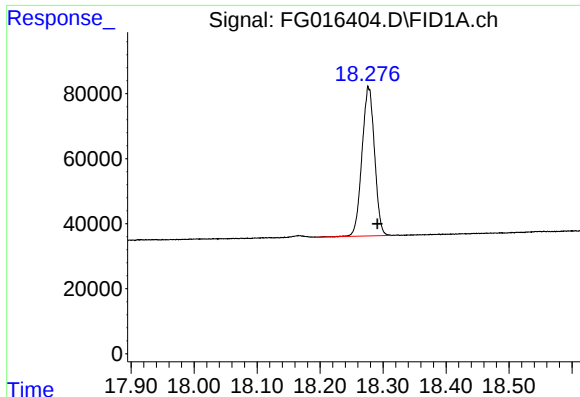
#11 N-HEXACOSANE

R.T.: 16.426 min
Delta R.T.: -0.014 min
Response: 613822
Conc: 5.74 ug/ml



#12 N-OCTACOSANE

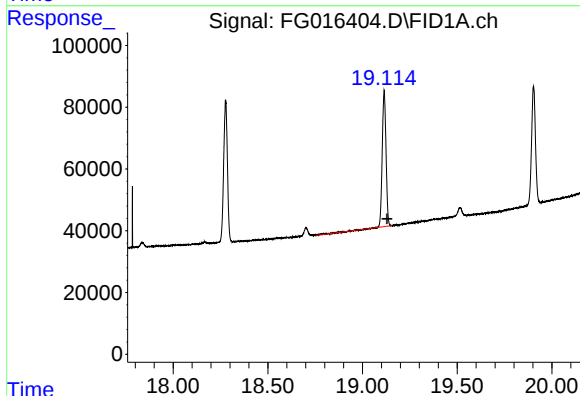
R.T.: 17.383 min
Delta R.T.: -0.014 min
Response: 622959
Conc: 5.78 ug/ml



#13 N-TRIACONTANE

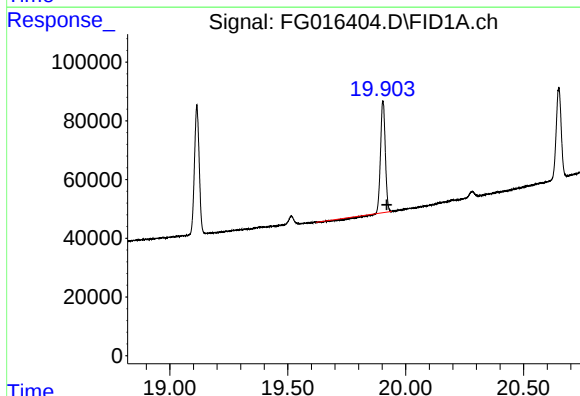
R.T.: 18.277 min
Delta R.T.: -0.014 min
Response: 634567
Conc: 5.82 ug/ml

Instrument :
FID_G
ClientSampleId :



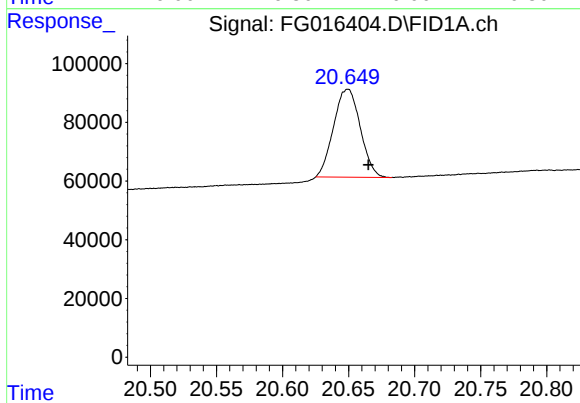
#14 N-DOTRIACONTANE

R.T.: 19.114 min
Delta R.T.: -0.016 min
Response: 612881
Conc: 5.82 ug/ml



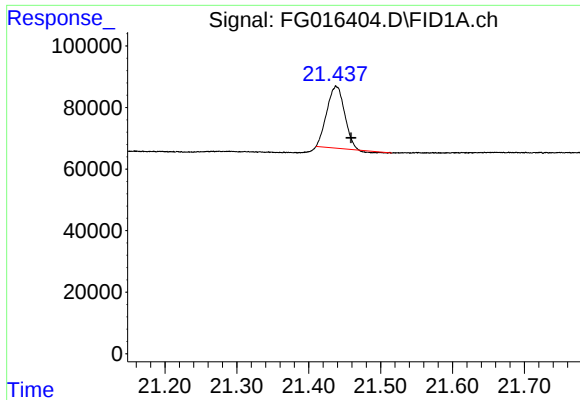
#15 N-TETRATRIACONTANE

R.T.: 19.903 min
Delta R.T.: -0.017 min
Response: 497707
Conc: 5.22 ug/ml



#16 N-HEXATRIACONTANE

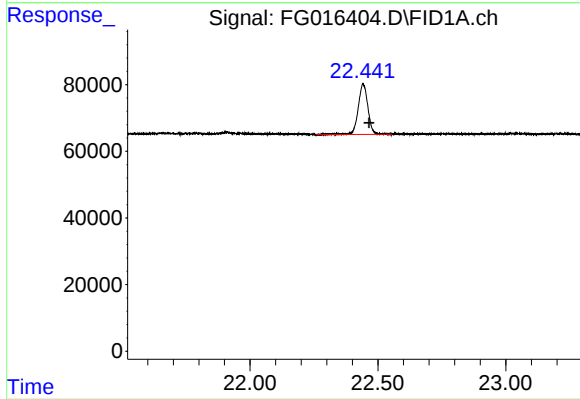
R.T.: 20.649 min
Delta R.T.: -0.016 min
Response: 421350
Conc: 5.64 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.438 min
Delta R.T.: -0.021 min
Response: 339052
Conc: 5.65 ug/ml

Instrument :
FID_G
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.442 min
Delta R.T.: -0.024 min
Response: 400091
Conc: 9.52 ug/ml