

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051325\
 Data File : FG015821.D
 Signal(s) : FID1A.ch
 Acq On : 13 May 2025 13:51
 Operator : YP\AJ
 Sample : PB167975BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 14 03:54:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
 Quant Title :
 QLast Update : Thu Apr 24 12:54:09 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...	14.995	2185648	18.564 ug/ml
Target Compounds			
1) N-OCTANE	1.973	1722769	15.287 ug/ml
2) N-DECANE	4.496	2017520	18.121 ug/ml
3) N-DODECANE	6.678	2165188	18.893 ug/ml
4) N-TETRADECANE	8.514	2240728	18.492 ug/ml
5) N-HEXADECANE	10.128	2388319	19.024 ug/ml
6) N-OCTADECANE	11.576	2548747	19.448 ug/ml
7) N-EICOSANE	12.891	2541732	18.748 ug/ml
8) N-DOCOSANE	14.093	2547744	19.210 ug/ml
10) N-TETRACOSANE	15.200	2567239	19.319 ug/ml
11) N-HEXACOSANE	16.223	2544712	19.188 ug/ml
12) N-OCTACOSANE	17.176	2522495	19.134 ug/ml
13) N-TRIACONTANE	18.066	2448275	18.364 ug/ml
14) N-DOTRIACONTANE	18.900	2044101	15.506 ug/ml
15) N-TETRATRIACONTANE	19.685	1237558	10.233 ug/ml
16) N-HEXATRIACONTANE	20.425	761429	7.102 ug/ml
17) N-OCTATRIACONTANE	21.166	619261	6.429 ug/ml
18) N-TETRACONTANE	22.083	569425	6.395 ug/ml

(f)=RT Delta > 1/2 Window

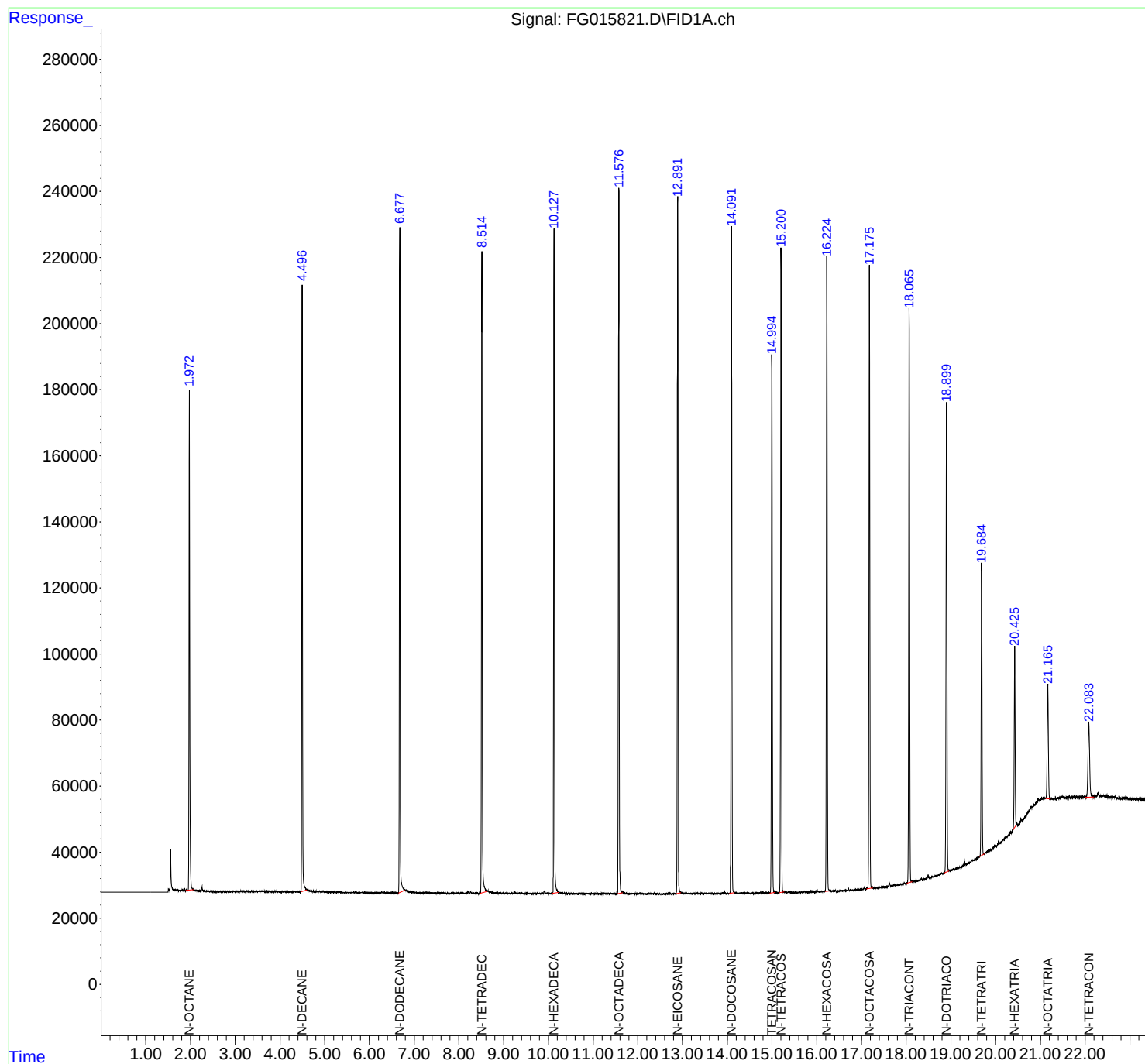
(m)=manual int.

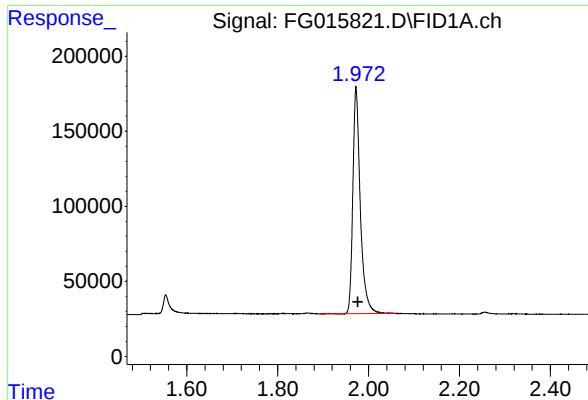
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Signal Phase : Rxi-1ms
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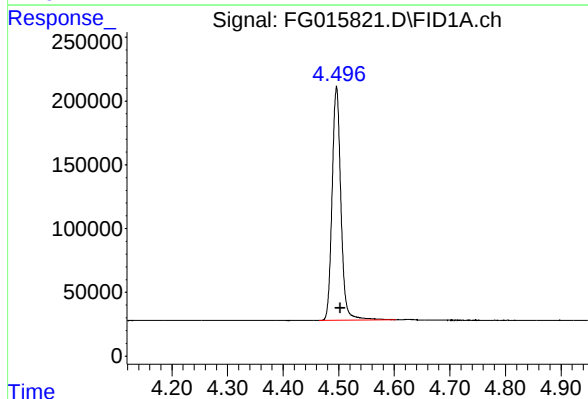




#1 N-OCTANE

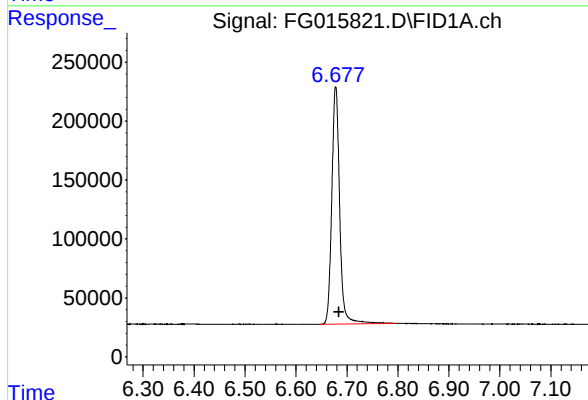
R.T.: 1.973 min
Delta R.T.: -0.004 min
Response: 1722769
Conc: 15.29 ug/ml

Instrument :
FID_G
ClientSampleId :



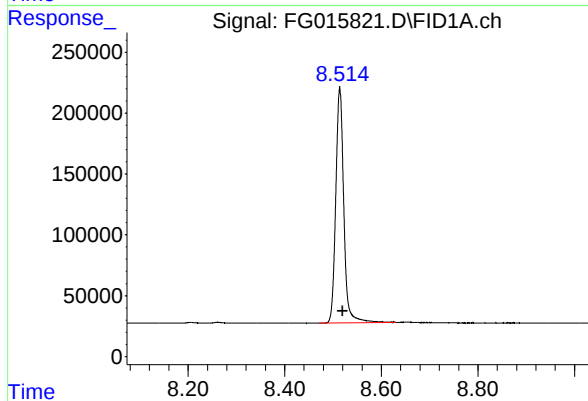
#2 N-DECANE

R.T.: 4.496 min
Delta R.T.: -0.006 min
Response: 2017520
Conc: 18.12 ug/ml



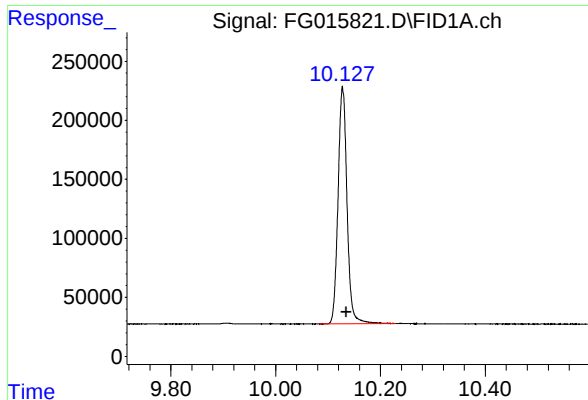
#3 N-DODECANE

R.T.: 6.678 min
Delta R.T.: -0.006 min
Response: 2165188
Conc: 18.89 ug/ml



#4 N-TETRADECANE

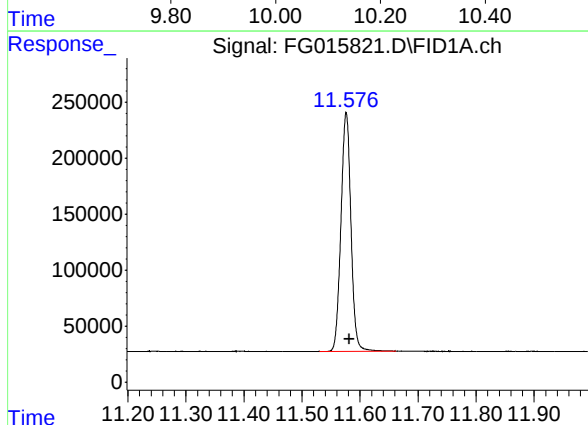
R.T.: 8.514 min
Delta R.T.: -0.006 min
Response: 2240728
Conc: 18.49 ug/ml



#5 N-HEXADECANE

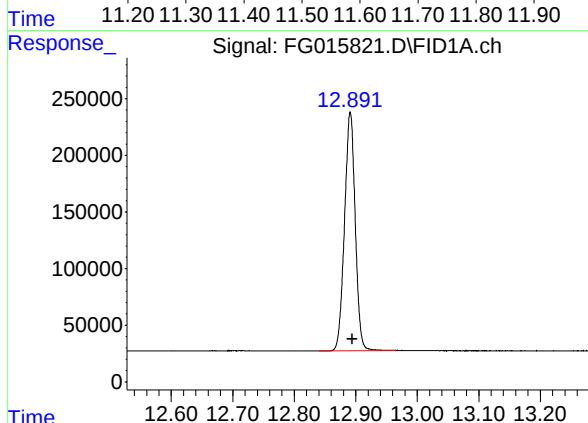
R.T.: 10.128 min
Delta R.T.: -0.007 min
Response: 2388319
Conc: 19.02 ug/ml

Instrument :
FID_G
ClientSampleId :



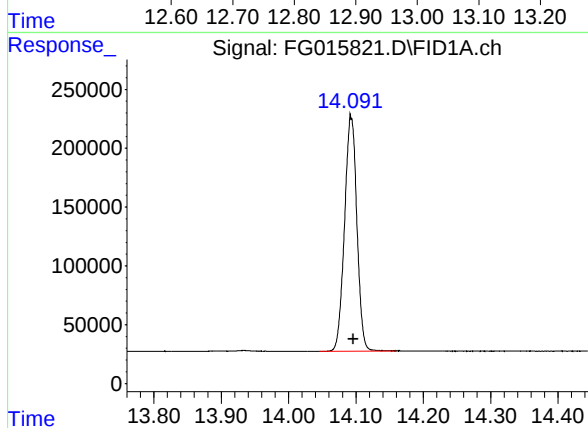
#6 N-OCTADECANE

R.T.: 11.576 min
Delta R.T.: -0.005 min
Response: 2548747
Conc: 19.45 ug/ml



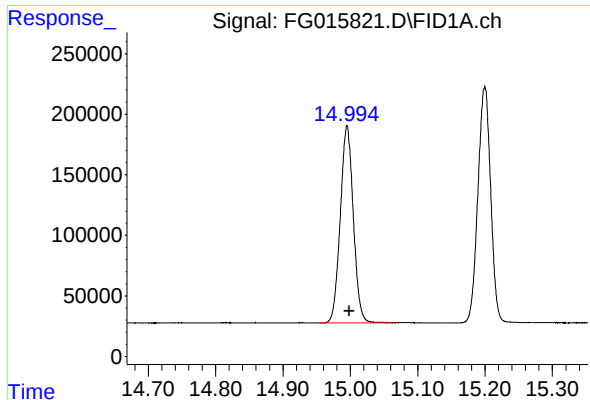
#7 N-EICOSANE

R.T.: 12.891 min
Delta R.T.: -0.004 min
Response: 2541732
Conc: 18.75 ug/ml



#8 N-DOCOSANE

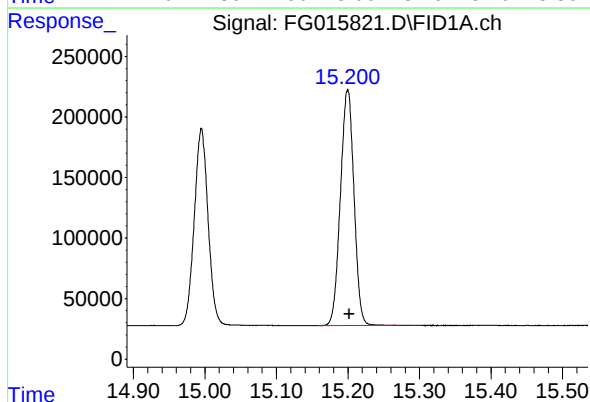
R.T.: 14.093 min
Delta R.T.: -0.003 min
Response: 2547744
Conc: 19.21 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

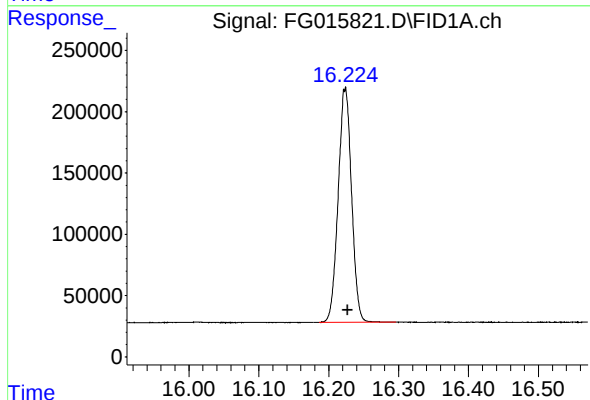
R.T.: 14.995 min
Delta R.T.: -0.003 min
Response: 2185648
Conc: 18.56 ug/ml

Instrument :
FID_G
ClientSampleId :



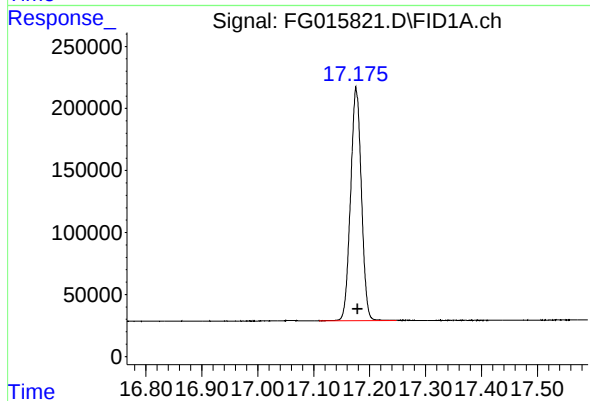
#10 N-TETRACOSANE

R.T.: 15.200 min
Delta R.T.: -0.003 min
Response: 2567239
Conc: 19.32 ug/ml



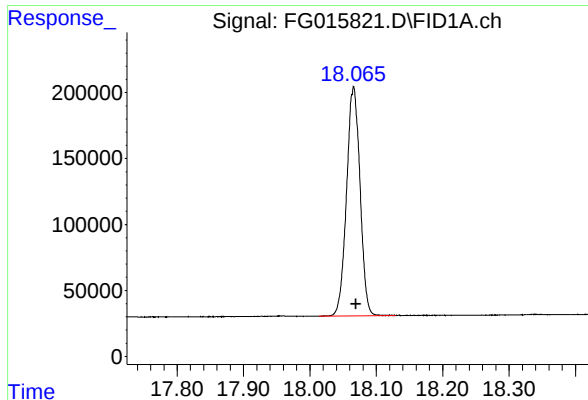
#11 N-HEXACOSANE

R.T.: 16.223 min
Delta R.T.: -0.003 min
Response: 2544712
Conc: 19.19 ug/ml



#12 N-OCTACOSANE

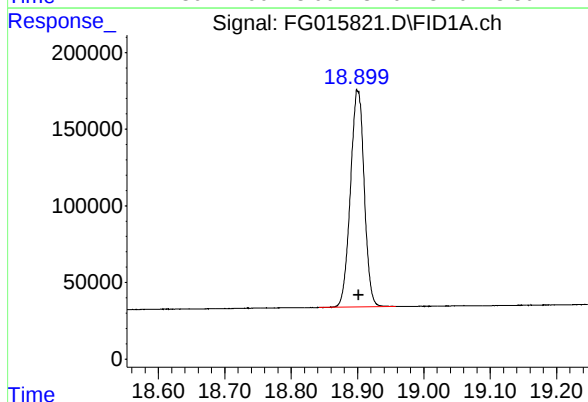
R.T.: 17.176 min
Delta R.T.: -0.003 min
Response: 2522495
Conc: 19.13 ug/ml



#13 N-TRIACONTANE

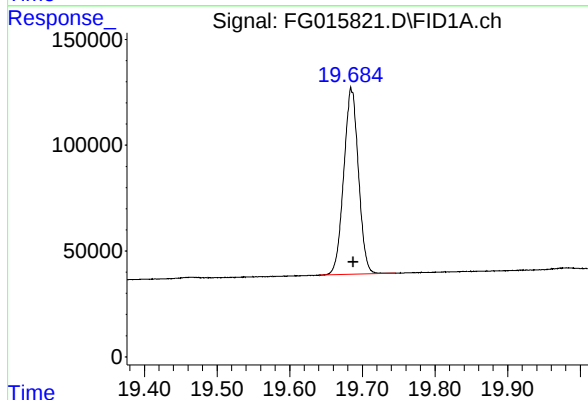
R.T.: 18.066 min
Delta R.T.: -0.003 min
Response: 2448275
Conc: 18.36 ug/ml

Instrument :
FID_G
ClientSampleId :



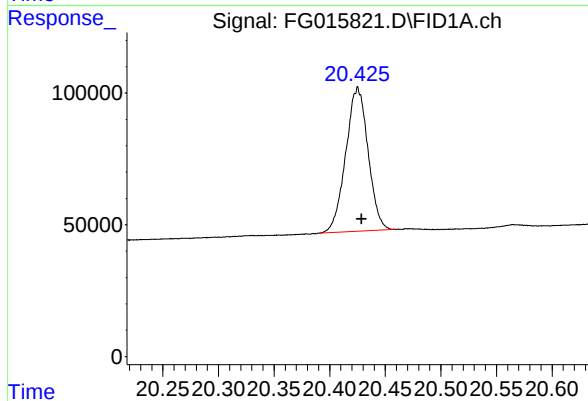
#14 N-DOTRIACONTANE

R.T.: 18.900 min
Delta R.T.: -0.002 min
Response: 2044101
Conc: 15.51 ug/ml



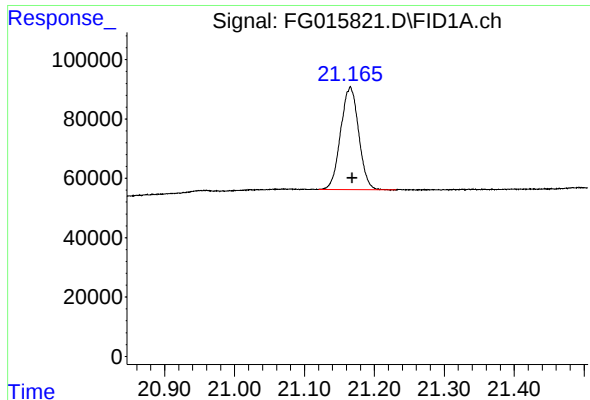
#15 N-TETRATRIACONTANE

R.T.: 19.685 min
Delta R.T.: -0.003 min
Response: 1237558
Conc: 10.23 ug/ml



#16 N-HEXATRIACONTANE

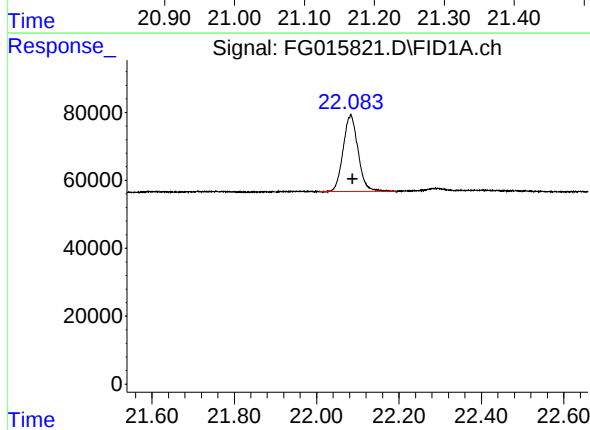
R.T.: 20.425 min
Delta R.T.: -0.004 min
Response: 761429
Conc: 7.10 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.166 min
Delta R.T.: -0.003 min
Response: 619261
Conc: 6.43 ug/ml

Instrument :
FID_G
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.083 min
Delta R.T.: -0.004 min
Response: 569425
Conc: 6.39 ug/ml