

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG012425\
 Data File : FG015173.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jan 2025 17:23
 Operator : YP\AJ
 Sample : RT MARKER
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 25 00:21:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG011325.M
 Quant Title :
 QLast Update : Fri Jan 24 12:51:39 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...	15.042	28541	0.222 ug/ml
Target Compounds			
1) N-OCTANE	2.006	22899	0.188 ug/ml
2) N-DECANE	4.541	27497	0.213 ug/ml
3) N-DODECANE	6.722	2899864	21.285 ug/ml
4) N-TETRADECANE	8.557	29088	0.213 ug/ml
5) N-HEXADECANE	10.172	33147	0.235 ug/ml
6) N-OCTADECANE	11.621	34030	0.232 ug/ml
7) N-EICOSANE	12.936	35098	0.241 ug/ml
8) N-DOCOSANE	14.139	33510	0.234 ug/ml
10) N-TETRACOSANE	15.246	35480	0.248 ug/ml
11) N-HEXACOSANE	16.271	59975	0.426 ug/ml
12) N-OCTACOSANE	17.226	2856816	20.401 ug/ml
13) N-TRIACONTANE	18.114	235017	1.652 ug/ml
14) N-DOTRIACONTANE	18.948	272354	1.960 ug/ml
15) N-TETRATRIACONTANE	19.733	218349	1.743 ug/ml
16) N-HEXATRIACONTANE	20.475	144864	1.341 ug/ml
17) N-OCTATRIACONTANE	21.224	100115	1.015 ug/ml
18) N-TETRACONTANE	22.157	69552	0.749 ug/ml

(f)=RT Delta > 1/2 Window

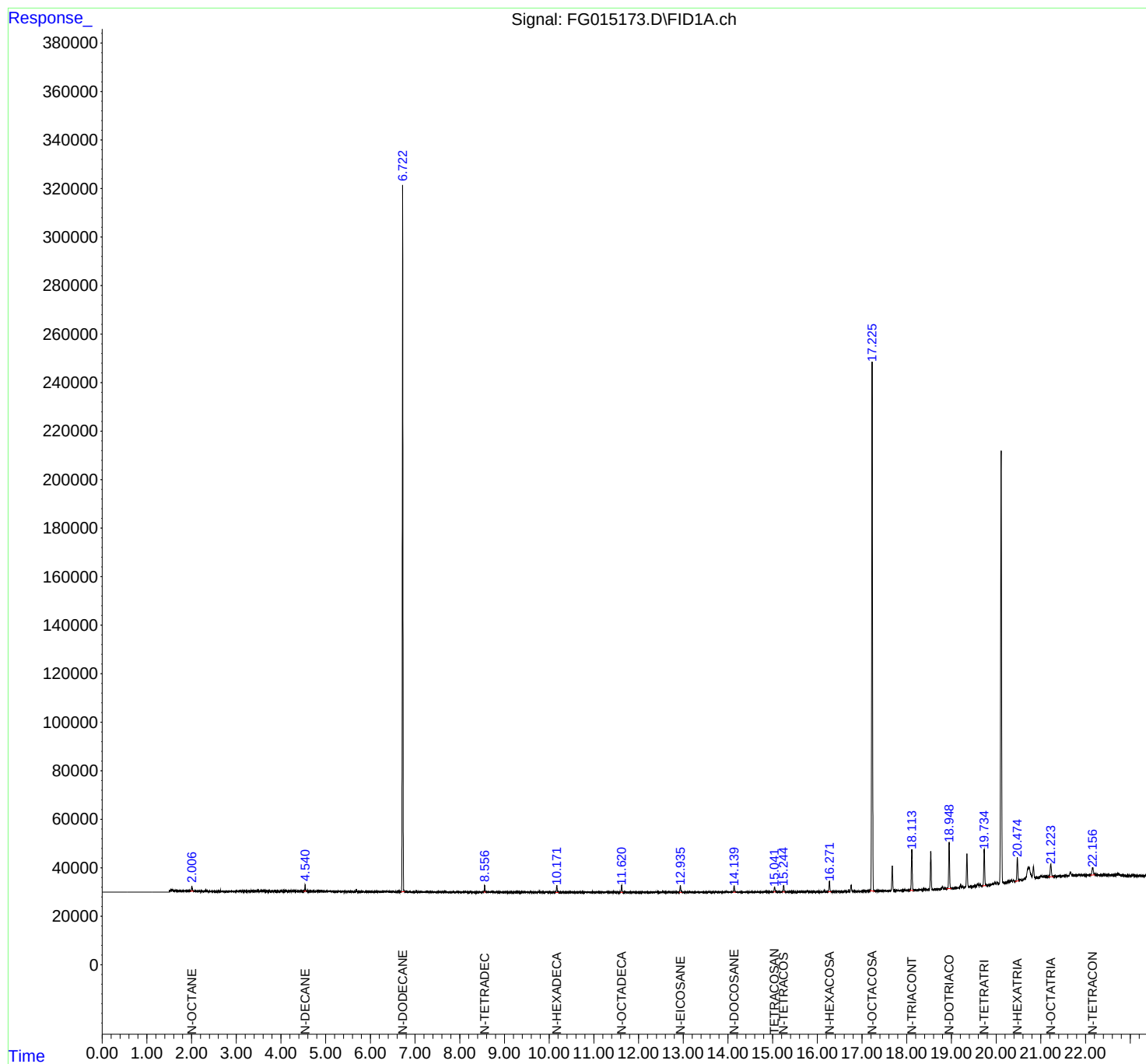
(m)=manual int.

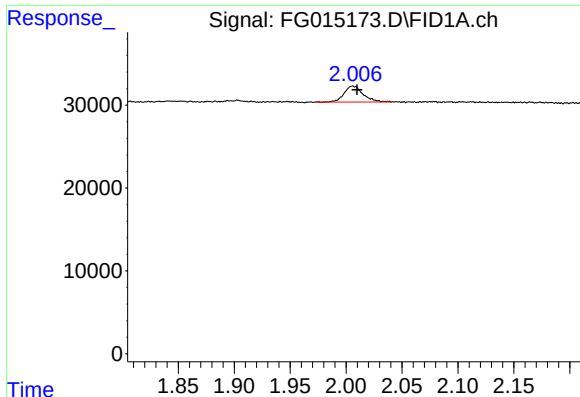
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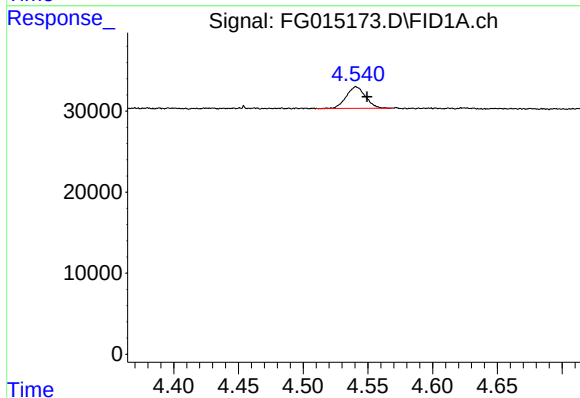




#1 N-OCTANE

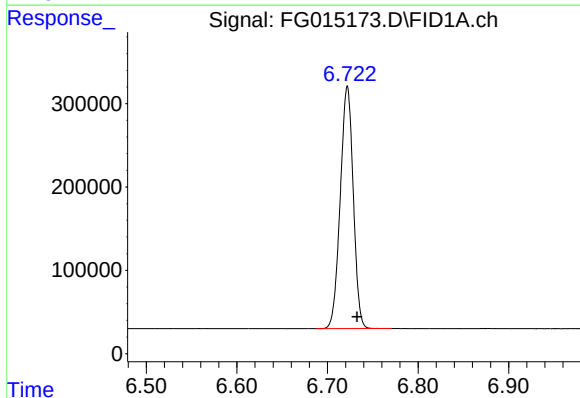
R.T.: 2.006 min
Delta R.T.: -0.004 min
Response: 22899
Conc: 0.19 ug/ml

Instrument :
FID_G
ClientSampleId :



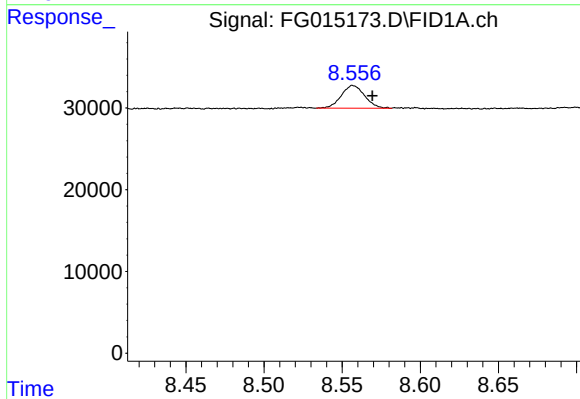
#2 N-DECANE

R.T.: 4.541 min
Delta R.T.: -0.008 min
Response: 27497
Conc: 0.21 ug/ml



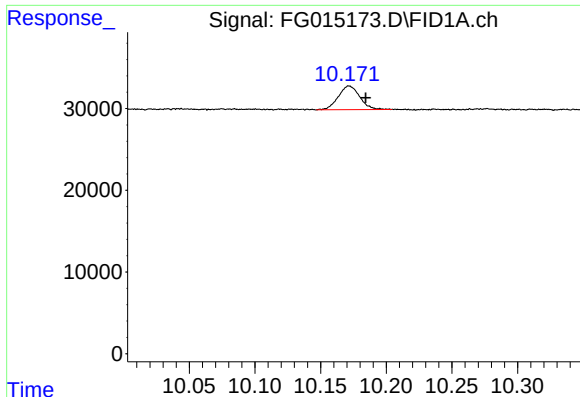
#3 N-DODECANE

R.T.: 6.722 min
Delta R.T.: -0.010 min
Response: 2899864
Conc: 21.29 ug/ml



#4 N-TETRADECANE

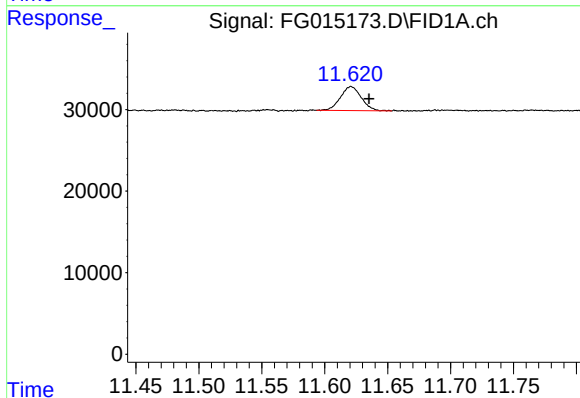
R.T.: 8.557 min
Delta R.T.: -0.012 min
Response: 29088
Conc: 0.21 ug/ml



#5 N-HEXADECANE

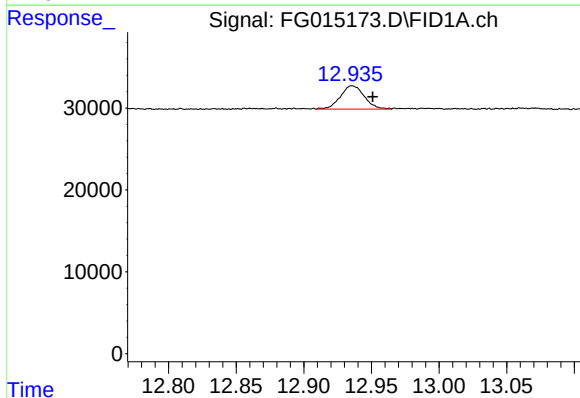
R.T.: 10.172 min
Delta R.T.: -0.013 min
Response: 33147
Conc: 0.23 ug/ml

Instrument :
FID_G
ClientSampleId :



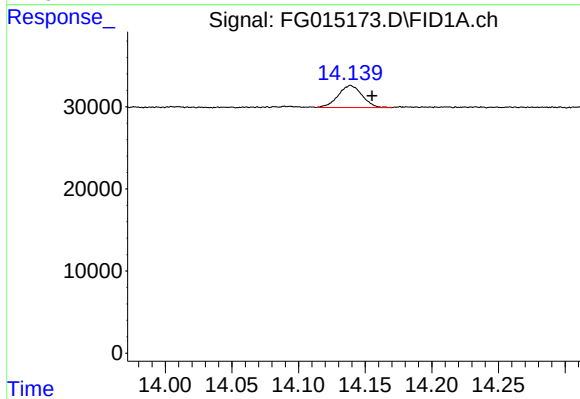
#6 N-OCTADECANE

R.T.: 11.621 min
Delta R.T.: -0.014 min
Response: 34030
Conc: 0.23 ug/ml



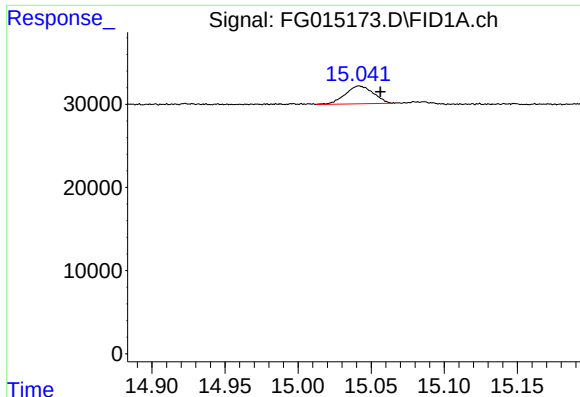
#7 N-EICOSANE

R.T.: 12.936 min
Delta R.T.: -0.015 min
Response: 35098
Conc: 0.24 ug/ml



#8 N-DOCOSANE

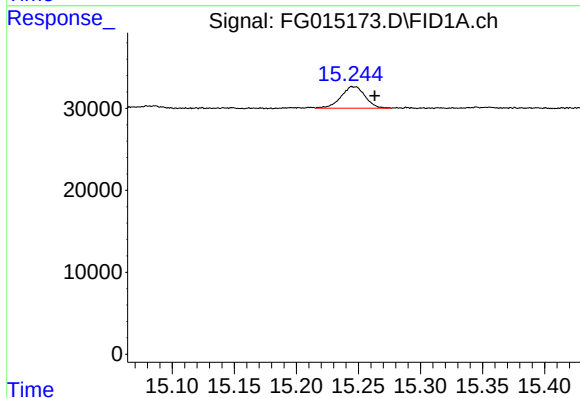
R.T.: 14.139 min
Delta R.T.: -0.016 min
Response: 33510
Conc: 0.23 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

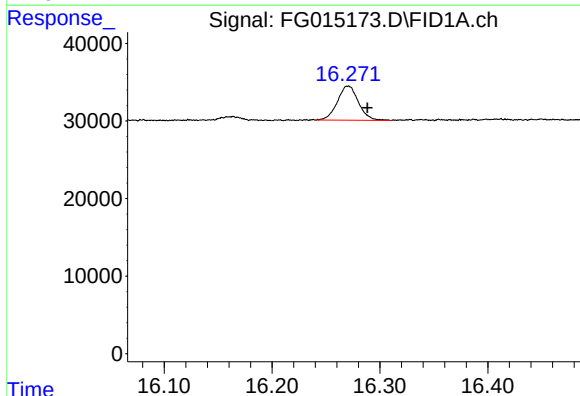
R.T.: 15.042 min
Delta R.T.: -0.014 min
Response: 28541
Conc: 0.22 ug/ml

Instrument :
FID_G
ClientSampleId :



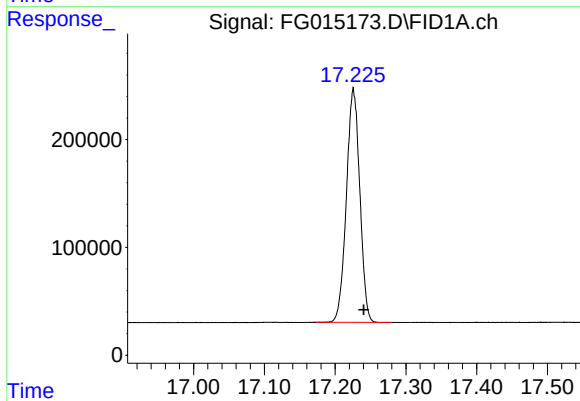
#10 N-TETRACOSANE

R.T.: 15.246 min
Delta R.T.: -0.018 min
Response: 35480
Conc: 0.25 ug/ml



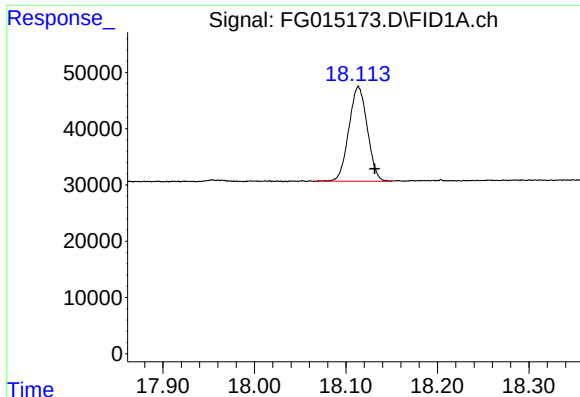
#11 N-HEXACOSANE

R.T.: 16.271 min
Delta R.T.: -0.018 min
Response: 59975
Conc: 0.43 ug/ml



#12 N-OCTACOSANE

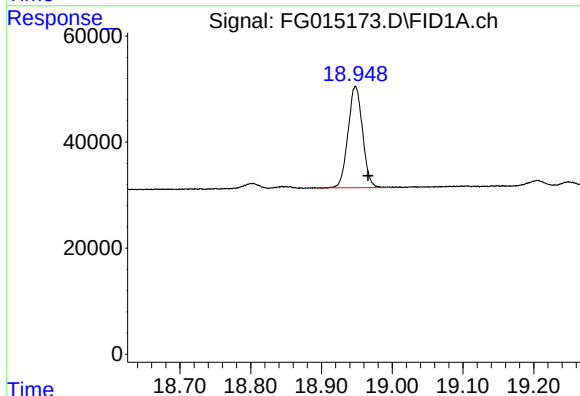
R.T.: 17.226 min
Delta R.T.: -0.015 min
Response: 2856816
Conc: 20.40 ug/ml



#13 N-TRIACONTANE

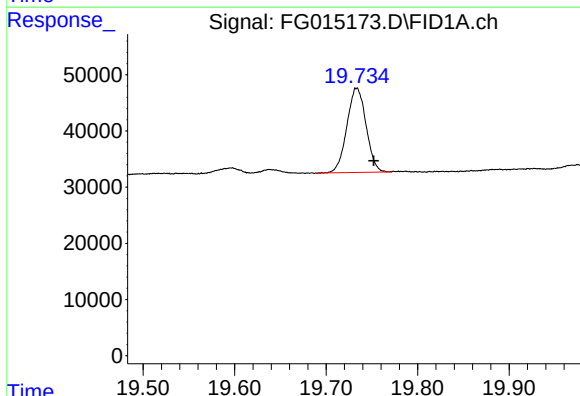
R.T.: 18.114 min
Delta R.T.: -0.018 min
Response: 235017
Conc: 1.65 ug/ml

Instrument :
FID_G
ClientSampleId :



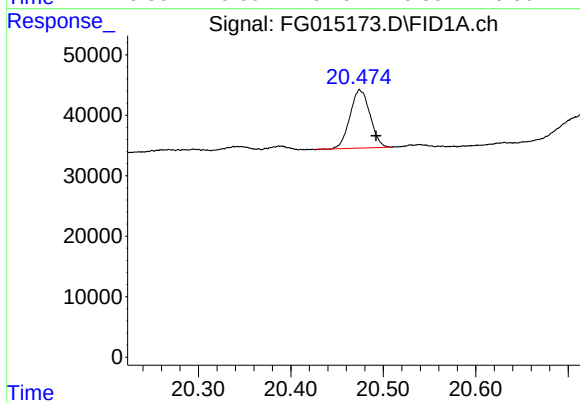
#14 N-DOTRIACONTANE

R.T.: 18.948 min
Delta R.T.: -0.018 min
Response: 272354
Conc: 1.96 ug/ml



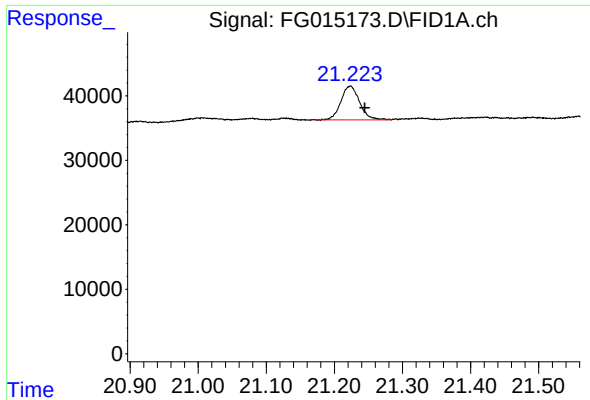
#15 N-TETRATRIACONTANE

R.T.: 19.733 min
Delta R.T.: -0.019 min
Response: 218349
Conc: 1.74 ug/ml



#16 N-HEXATRIACONTANE

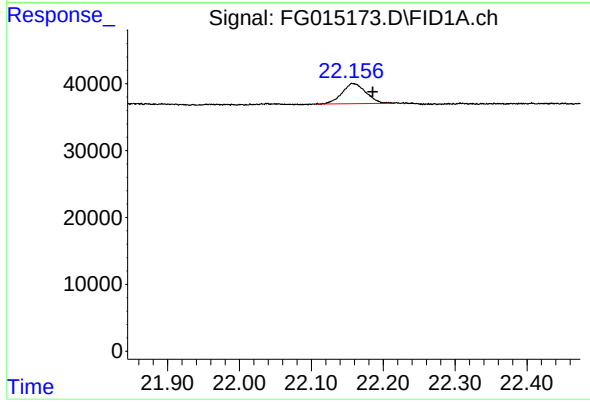
R.T.: 20.475 min
Delta R.T.: -0.018 min
Response: 144864
Conc: 1.34 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.224 min
Delta R.T.: -0.021 min
Response: 100115
Conc: 1.01 ug/ml

Instrument :
FID_G
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.157 min
Delta R.T.: -0.028 min
Response: 69552
Conc: 0.75 ug/ml