

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG052325\
 Data File : FG015895.D
 Signal(s) : FID1A.ch
 Acq On : 23 May 2025 12:30
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: May 23 23:05:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG052225.M
 Quant Title :
 QLast Update : Thu May 22 06:20:25 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...	14.985	5993181	48.899 ug/ml
Target Compounds			
1) N-OCTANE	1.959	6022823	51.222 ug/ml
2) N-DECANE	4.485	6215335	52.897 ug/ml
3) N-DODECANE	6.670	6430107	52.978 ug/ml
4) N-TETRADECANE	8.506	6564004	51.406 ug/ml
5) N-HEXADECANE	10.119	6713723	50.392 ug/ml
6) N-OCTADECANE	11.568	6881084	49.861 ug/ml
7) N-EICOSANE	12.882	6978458	49.396 ug/ml
8) N-DOCOSANE	14.084	6771681	49.297 ug/ml
10) N-TETRACOSANE	15.190	6718083	48.869 ug/ml
11) N-HEXACOSANE	16.214	6621281	48.733 ug/ml
12) N-OCTACOSANE	17.166	6463266	47.938 ug/ml
13) N-TRIACONTANE	18.056	6427199	47.104 ug/ml
14) N-DOTRIACONTANE	18.889	6121051	45.702 ug/ml
15) N-TETRATRIACONTANE	19.674	5487124	45.249 ug/ml
16) N-HEXATRIACONTANE	20.415	4676621	43.794 ug/ml
17) N-OCTATRIACONTANE	21.152	4017232	41.861 ug/ml
18) N-TETRACONTANE	22.063	3632179	41.297 ug/ml

(f)=RT Delta > 1/2 Window

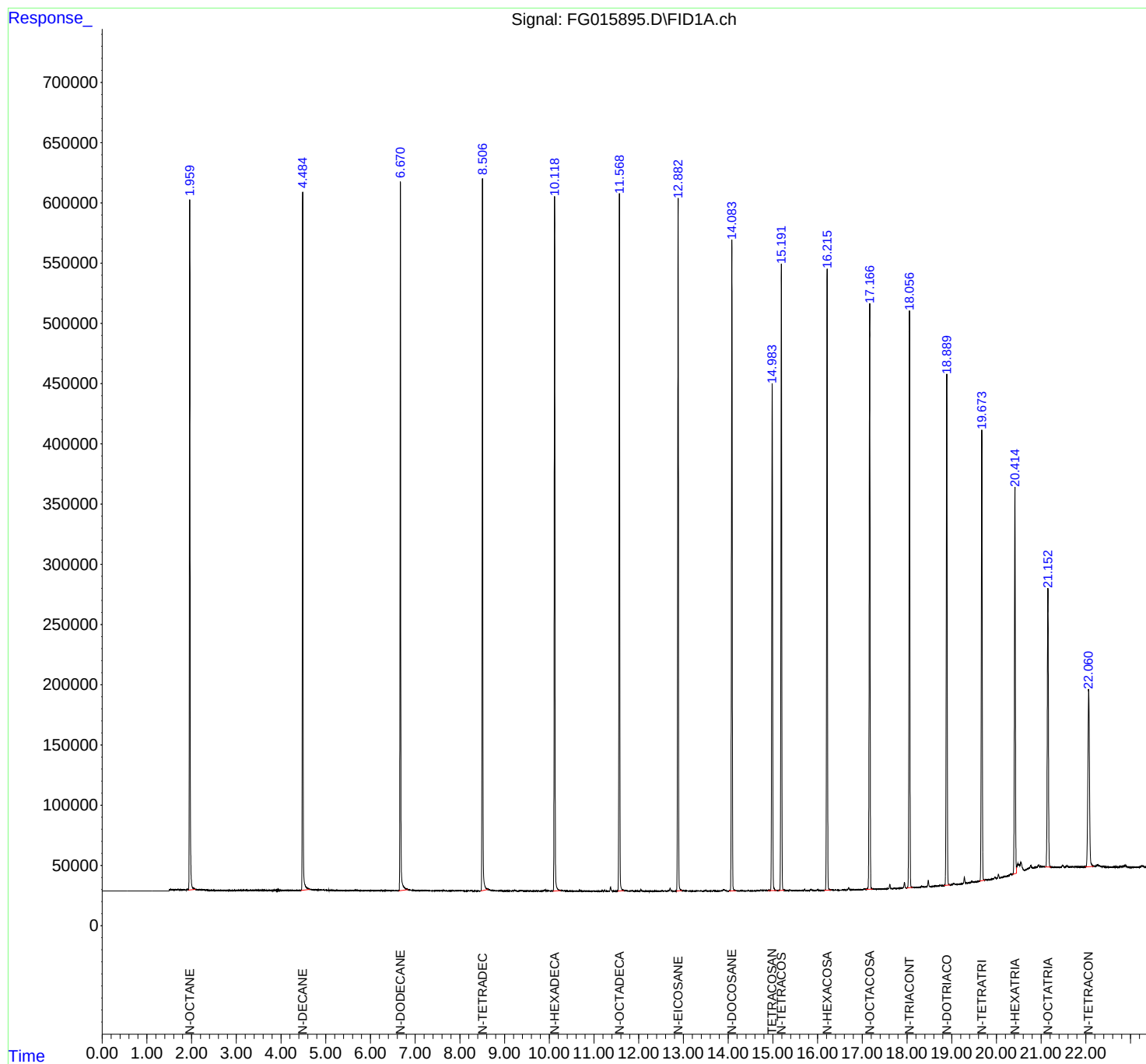
(m)=manual int.

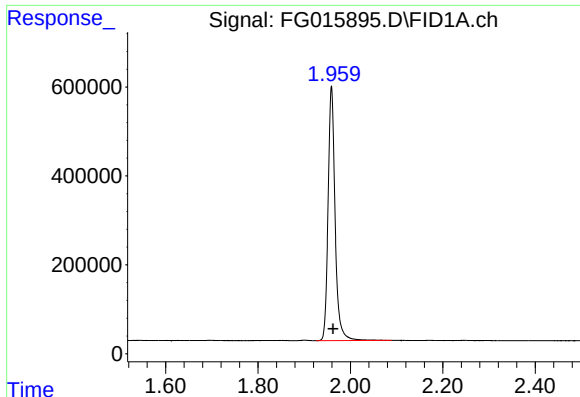
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Response via : Initial Calibration
Integrator: ChemStation

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

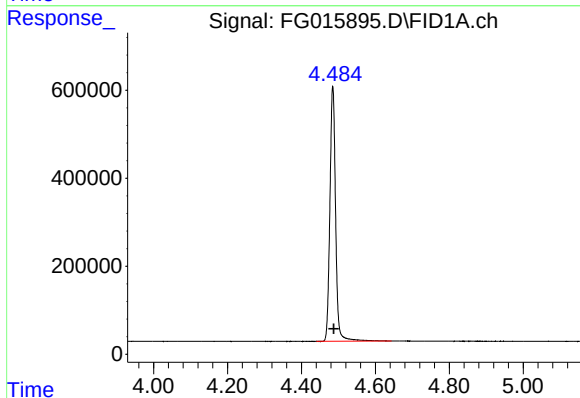




#1 N-OCTANE

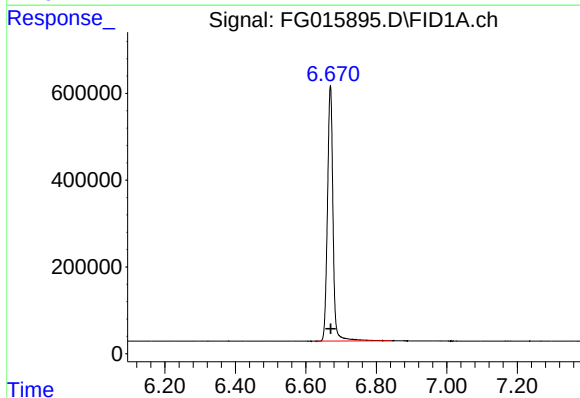
R.T.: 1.959 min
Delta R.T.: -0.003 min
Response: 6022823
Conc: 51.22 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



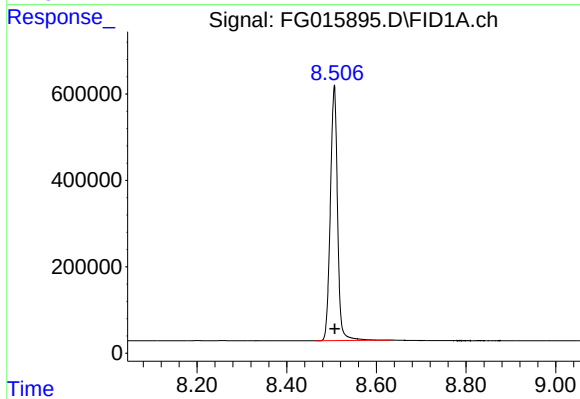
#2 N-DECANE

R.T.: 4.485 min
Delta R.T.: -0.002 min
Response: 6215335
Conc: 52.90 ug/ml



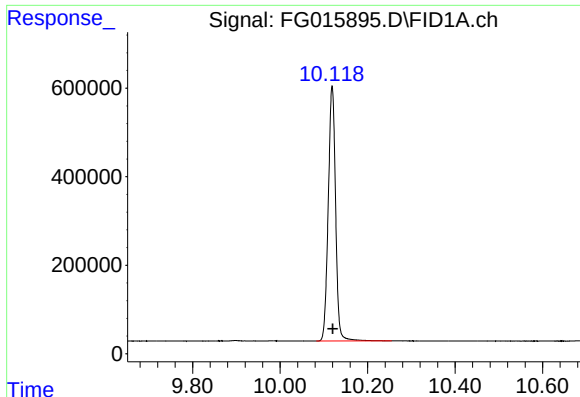
#3 N-DODECANE

R.T.: 6.670 min
Delta R.T.: 0.000 min
Response: 6430107
Conc: 52.98 ug/ml



#4 N-TETRADECANE

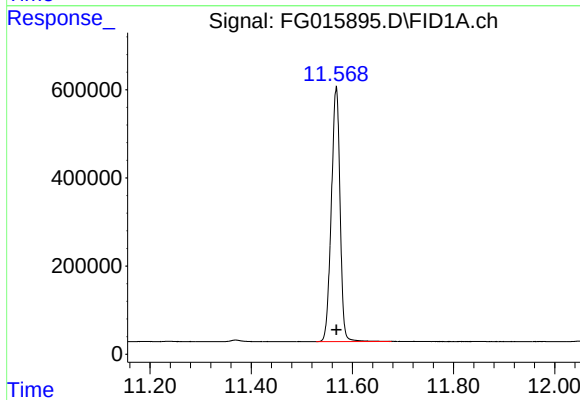
R.T.: 8.506 min
Delta R.T.: 0.000 min
Response: 6564004
Conc: 51.41 ug/ml



#5 N-HEXADECANE

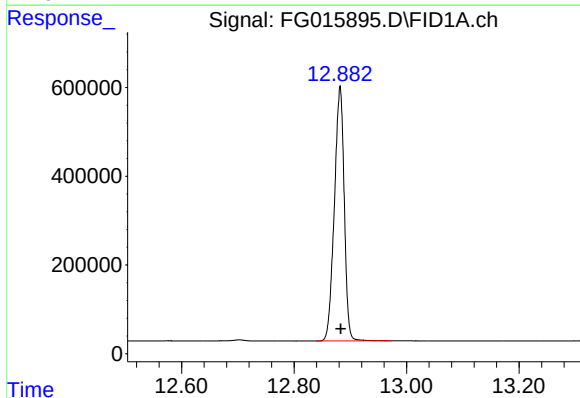
R.T.: 10.119 min
Delta R.T.: -0.001 min
Response: 6713723
Conc: 50.39 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



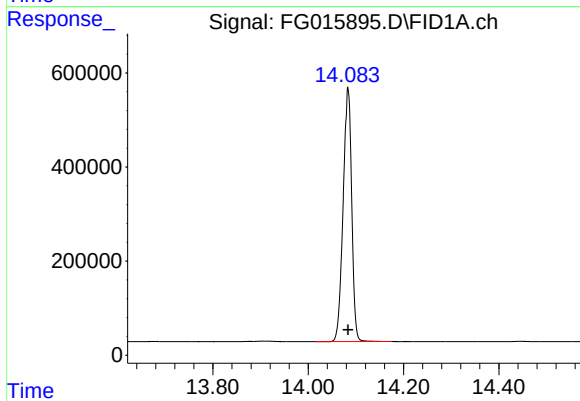
#6 N-OCTADECANE

R.T.: 11.568 min
Delta R.T.: 0.000 min
Response: 6881084
Conc: 49.86 ug/ml



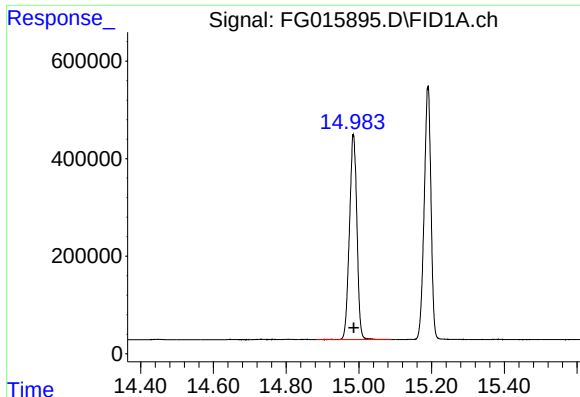
#7 N-EICOSANE

R.T.: 12.882 min
Delta R.T.: 0.000 min
Response: 6978458
Conc: 49.40 ug/ml



#8 N-DOCOSANE

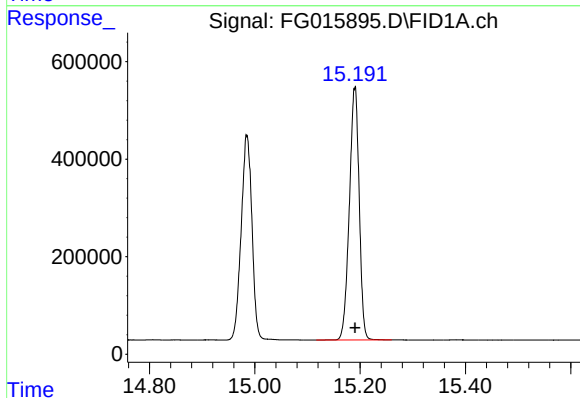
R.T.: 14.084 min
Delta R.T.: 0.000 min
Response: 6771681
Conc: 49.30 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

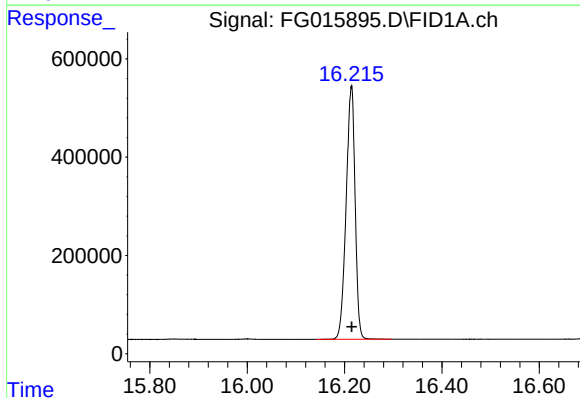
R.T.: 14.985 min
Delta R.T.: -0.001 min
Response: 5993181
Conc: 48.90 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



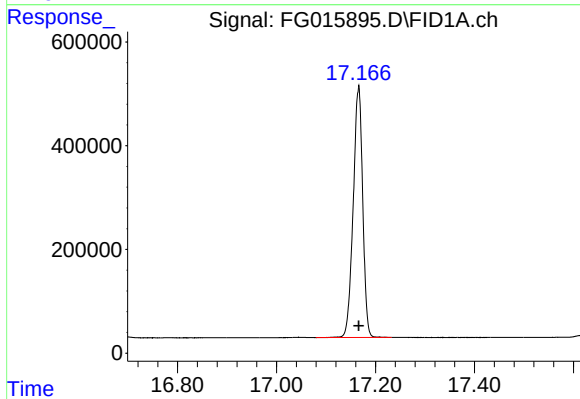
#10 N-TETRACOSANE

R.T.: 15.190 min
Delta R.T.: 0.000 min
Response: 6718083
Conc: 48.87 ug/ml



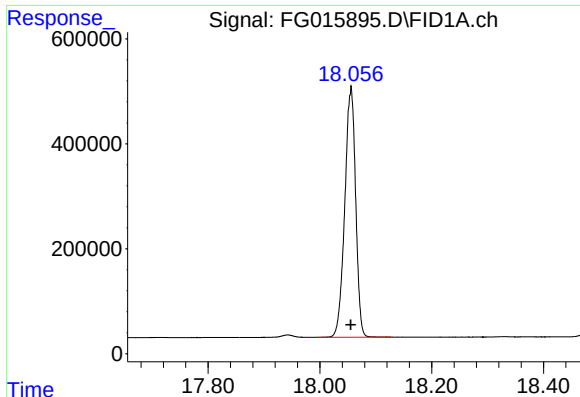
#11 N-HEXACOSANE

R.T.: 16.214 min
Delta R.T.: 0.000 min
Response: 6621281
Conc: 48.73 ug/ml



#12 N-OCTACOSANE

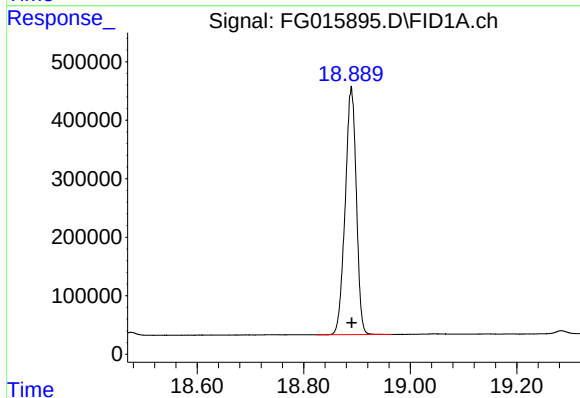
R.T.: 17.166 min
Delta R.T.: 0.000 min
Response: 6463266
Conc: 47.94 ug/ml



#13 N-TRIACONTANE

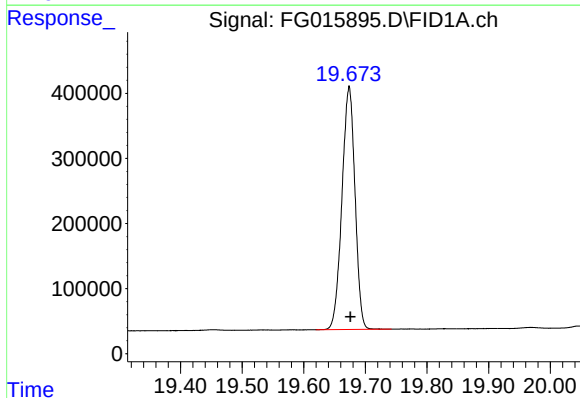
R.T.: 18.056 min
Delta R.T.: 0.000 min
Response: 6427199
Conc: 47.10 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



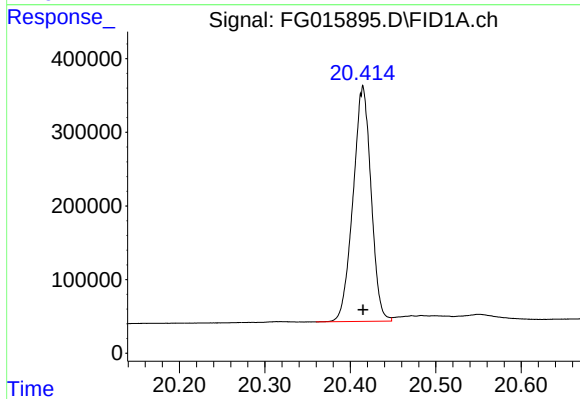
#14 N-DOTRIACONTANE

R.T.: 18.889 min
Delta R.T.: -0.001 min
Response: 6121051
Conc: 45.70 ug/ml



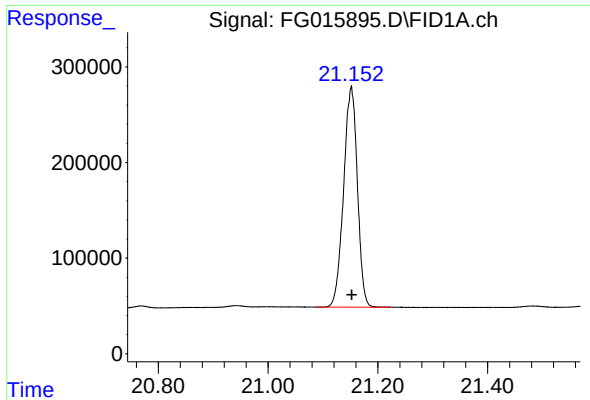
#15 N-TETRATRIACONTANE

R.T.: 19.674 min
Delta R.T.: -0.002 min
Response: 5487124
Conc: 45.25 ug/ml



#16 N-HEXATRIACONTANE

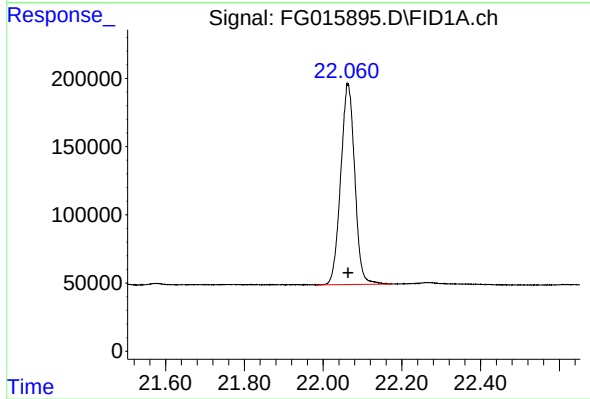
R.T.: 20.415 min
Delta R.T.: 0.000 min
Response: 4676621
Conc: 43.79 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.152 min
Delta R.T.: 0.000 min
Response: 4017232
Conc: 41.86 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.063 min
Delta R.T.: -0.001 min
Response: 3632179
Conc: 41.30 ug/ml