

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG030325\
 Data File : FG015426.D
 Signal(s) : FID1A.ch
 Acq On : 03 Mar 2025 11:48
 Operator : YP\AJ
 Sample : 100 TRPH STD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 100 TRPH STD

Integration File: autoint1.e
 Quant Time: Mar 03 12:50:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG030325.M
 Quant Title :
 QLast Update : Mon Mar 03 12:48:04 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...	15.039	10644030	100.716 ug/ml
Target Compounds			
1) N-OCTANE	1.995	10570364	103.119 ug/ml
2) N-DECANE	4.536	10810569	102.952 ug/ml
3) N-DODECANE	6.720	11332975	102.511 ug/ml
4) N-TETRADECANE	8.557	11220922	101.787 ug/ml
5) N-HEXADECANE	10.172	11555168	101.197 ug/ml
6) N-OCTADECANE	11.620	12045869	100.858 ug/ml
7) N-EICOSANE	12.935	11845392	100.680 ug/ml
8) N-DOCOSANE	14.137	11716478	100.626 ug/ml
10) N-TETRACOSANE	15.245	11661357	100.709 ug/ml
11) N-HEXACOSANE	16.269	11454493	100.917 ug/ml
12) N-OCTACOSANE	17.221	11190263	100.825 ug/ml
13) N-TRIACONTANE	18.110	11049270	100.552 ug/ml
14) N-DOTRIACONTANE	18.944	10781202	100.377 ug/ml
15) N-TETRATRIACONTANE	19.729	9934114	100.333 ug/ml
16) N-HEXATRIACONTANE	20.469	8727944	101.027 ug/ml
17) N-OCTATRIACONTANE	21.214	7669375	100.324 ug/ml
18) N-TETRACONTANE	22.146	6527484	99.312 ug/ml

(f)=RT Delta > 1/2 Window

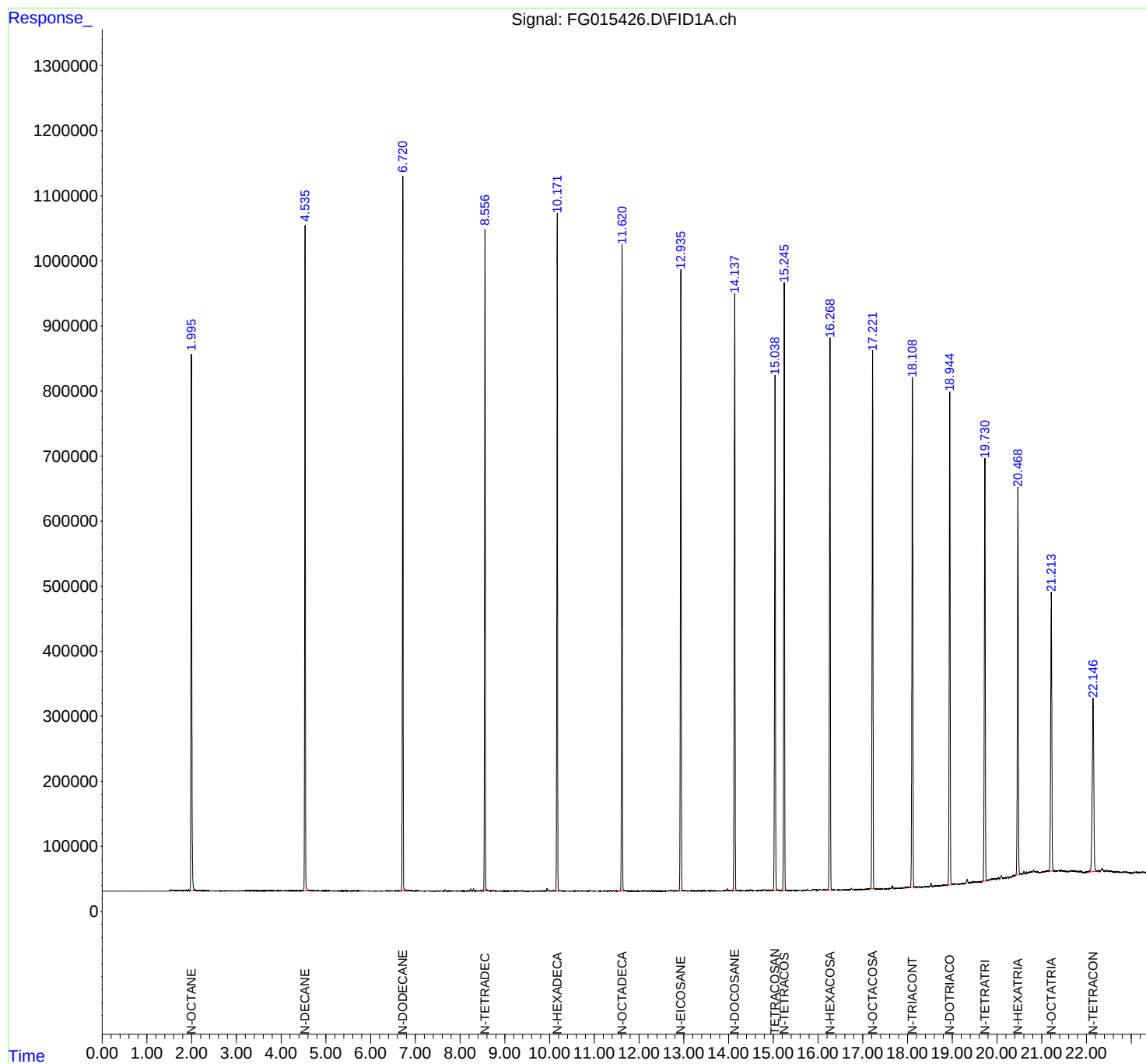
(m)=manual int.

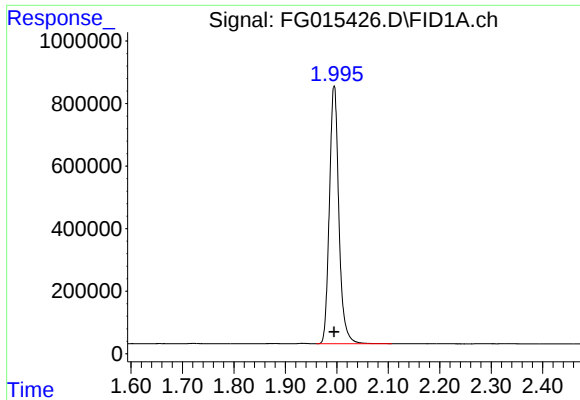
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

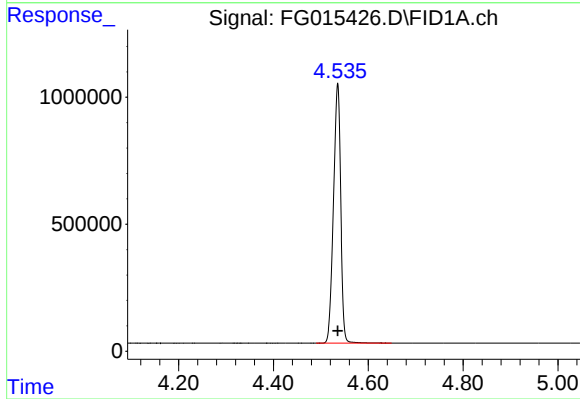




#1 N-OCTANE

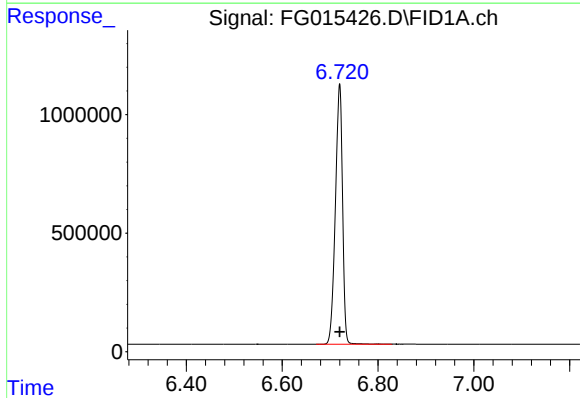
R.T.: 1.995 min
Delta R.T.: 0.000 min
Response: 10570364
Conc: 103.12 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



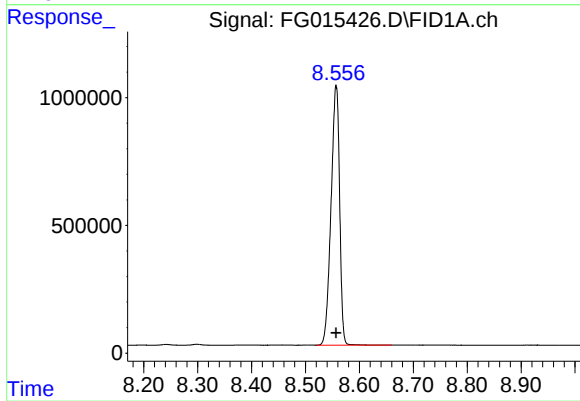
#2 N-DECANE

R.T.: 4.536 min
Delta R.T.: 0.000 min
Response: 10810569
Conc: 102.95 ug/ml



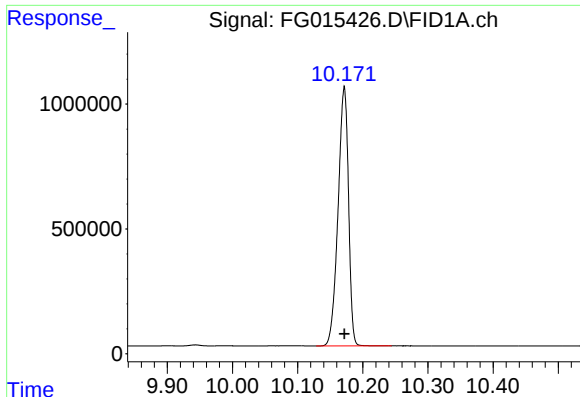
#3 N-DODECANE

R.T.: 6.720 min
Delta R.T.: 0.000 min
Response: 11332975
Conc: 102.51 ug/ml



#4 N-TETRADECANE

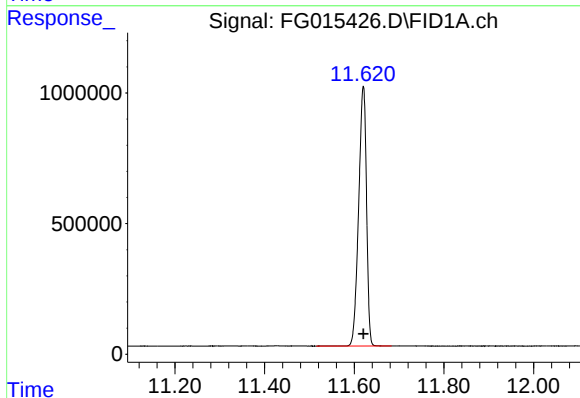
R.T.: 8.557 min
Delta R.T.: 0.000 min
Response: 11220922
Conc: 101.79 ug/ml



#5 N-HEXADECANE

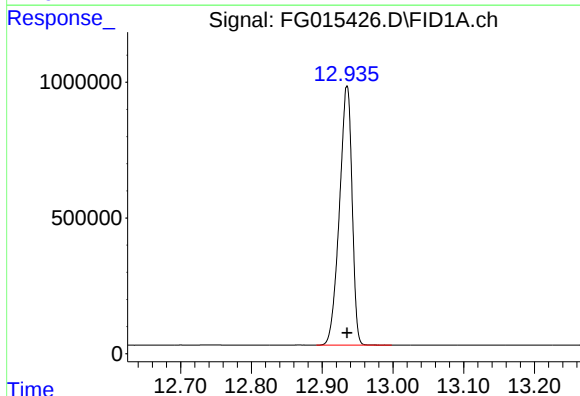
R.T.: 10.172 min
Delta R.T.: 0.000 min
Response: 11555168
Conc: 101.20 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



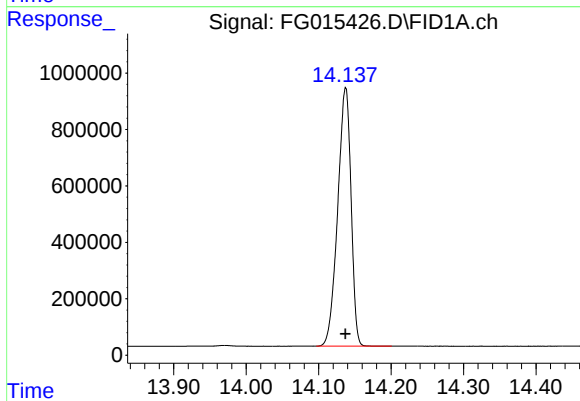
#6 N-OCTADECANE

R.T.: 11.620 min
Delta R.T.: 0.000 min
Response: 12045869
Conc: 100.86 ug/ml



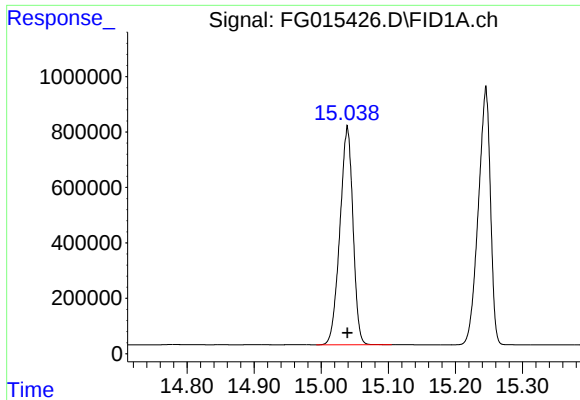
#7 N-EICOSANE

R.T.: 12.935 min
Delta R.T.: 0.000 min
Response: 11845392
Conc: 100.68 ug/ml



#8 N-DOCOSANE

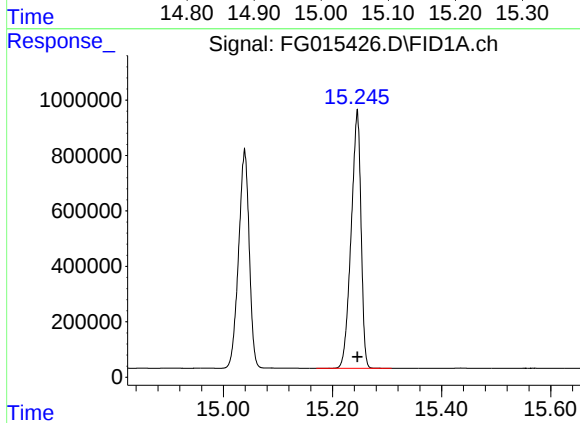
R.T.: 14.137 min
Delta R.T.: 0.000 min
Response: 11716478
Conc: 100.63 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

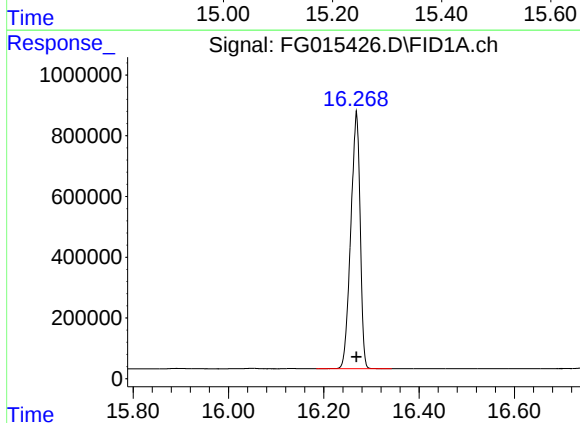
R.T.: 15.039 min
Delta R.T.: 0.000 min
Response: 10644030
Conc: 100.72 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



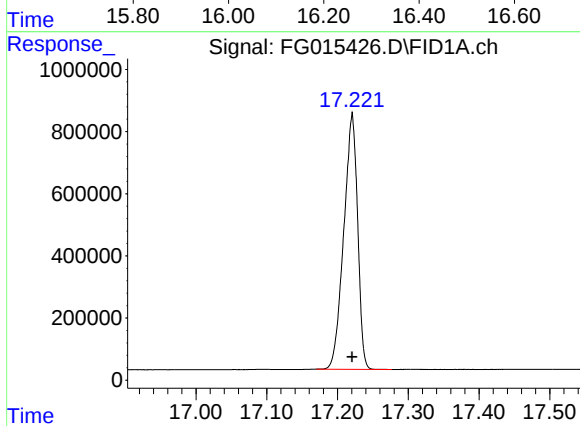
#10 N-TETRACOSANE

R.T.: 15.245 min
Delta R.T.: 0.000 min
Response: 11661357
Conc: 100.71 ug/ml



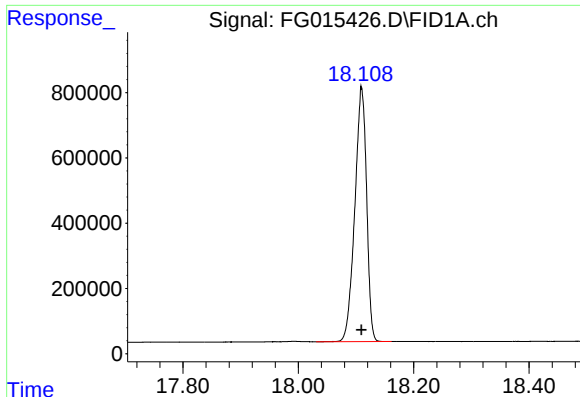
#11 N-HEXACOSANE

R.T.: 16.269 min
Delta R.T.: 0.000 min
Response: 11454493
Conc: 100.92 ug/ml



#12 N-OCTACOSANE

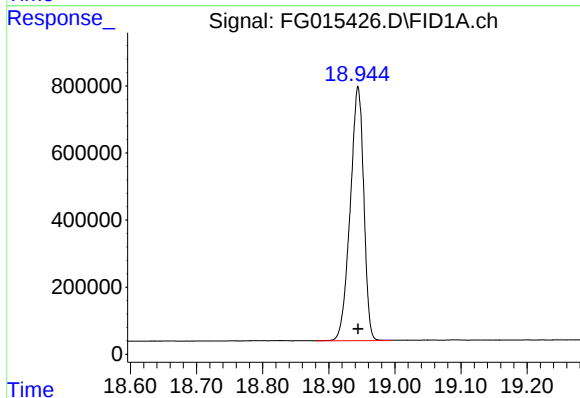
R.T.: 17.221 min
Delta R.T.: 0.000 min
Response: 11190263
Conc: 100.83 ug/ml



#13 N-TRIACONTANE

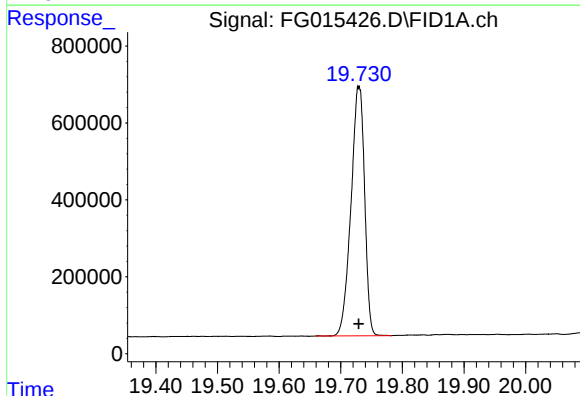
R.T.: 18.110 min
Delta R.T.: 0.000 min
Response: 11049270
Conc: 100.55 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



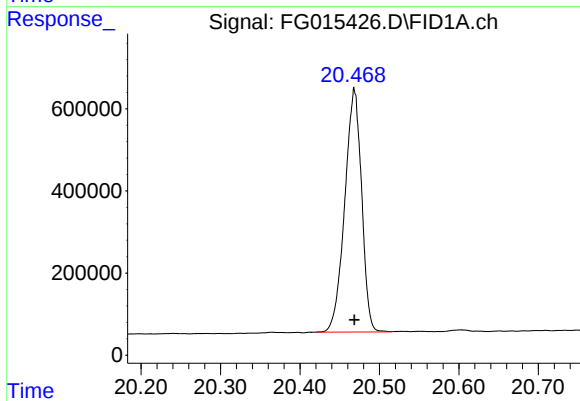
#14 N-DOTRIACONTANE

R.T.: 18.944 min
Delta R.T.: 0.000 min
Response: 10781202
Conc: 100.38 ug/ml



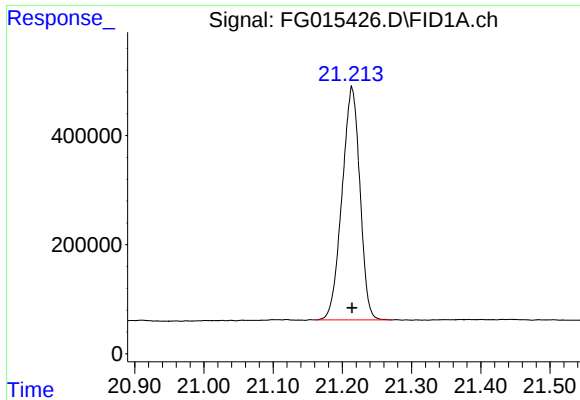
#15 N-TETRATRIACONTANE

R.T.: 19.729 min
Delta R.T.: 0.000 min
Response: 9934114
Conc: 100.33 ug/ml



#16 N-HEXATRIACONTANE

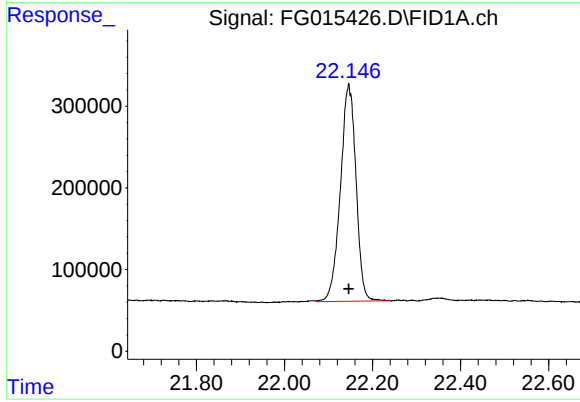
R.T.: 20.469 min
Delta R.T.: 0.000 min
Response: 8727944
Conc: 101.03 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.214 min
Delta R.T.: 0.000 min
Response: 7669375
Conc: 100.32 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



#18 N-TETRACONTANE

R.T.: 22.146 min
Delta R.T.: 0.000 min
Response: 6527484
Conc: 99.31 ug/ml