

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042925\
 Data File : FG015764.D
 Signal(s) : FID1A.ch
 Acq On : 29 Apr 2025 12:53
 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: Apr 30 01:18:00 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...	15.002	5379037	45.687 ug/ml
Target Compounds			
1) N-OCTANE	1.975	5034679	44.675 ug/ml
2) N-DECANE	4.502	5426672	48.743 ug/ml
3) N-DODECANE	6.685	5455975	47.608 ug/ml
4) N-TETRADECANE	8.521	5678600	46.864 ug/ml
5) N-HEXADECANE	10.135	5860085	46.678 ug/ml
6) N-OCTADECANE	11.583	6065272	46.281 ug/ml
7) N-EICOSANE	12.897	6196890	45.708 ug/ml
8) N-DOCOSANE	14.099	6088457	45.906 ug/ml
10) N-TETRACOSANE	15.207	6131344	46.140 ug/ml
11) N-HEXACOSANE	16.230	6121914	46.161 ug/ml
12) N-OCTACOSANE	17.183	6137954	46.558 ug/ml
13) N-TRIACONTANE	18.073	6353342	47.655 ug/ml
14) N-DOTRIACONTANE	18.907	6494802	49.267 ug/ml
15) N-TETRATRIACONTANE	19.693	6843550	56.588 ug/ml
16) N-HEXATRIACONTANE	20.435	7050208	65.756 ug/ml
17) N-OCTATRIACONTANE	21.175	7070608	73.401 ug/ml
18) N-TETRACONTANE	22.096	6749216	75.795 ug/ml

(f)=RT Delta > 1/2 Window

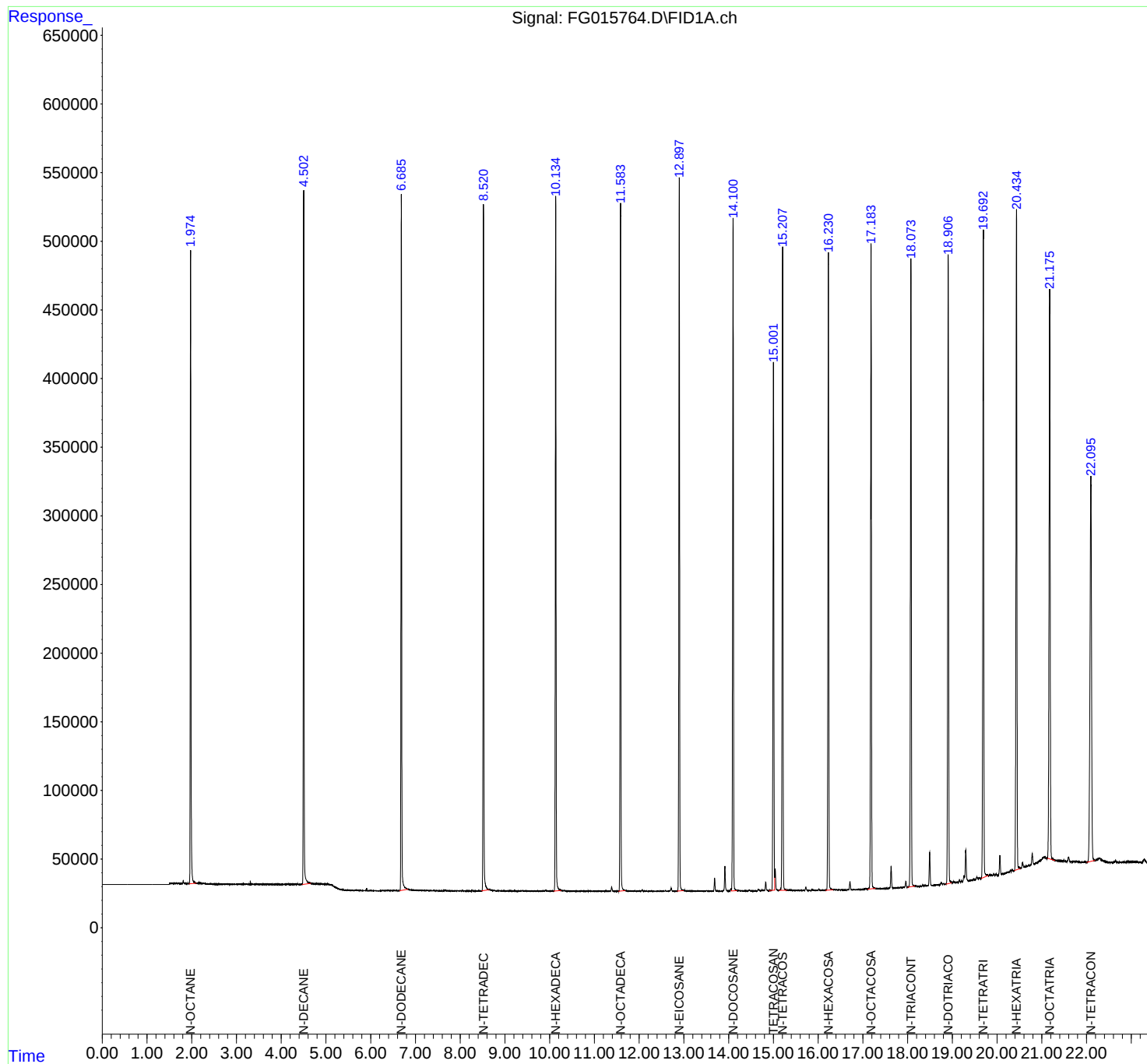
(m)=manual int.

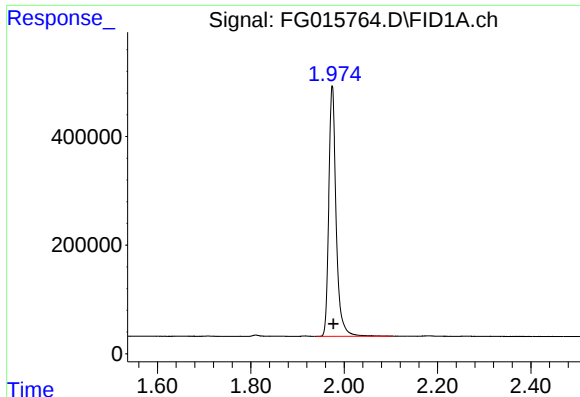
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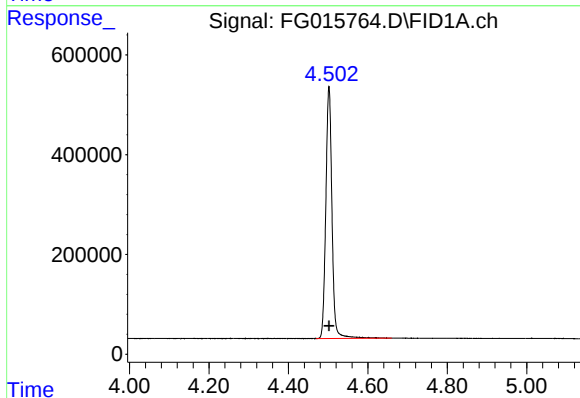




#1 N-OCTANE

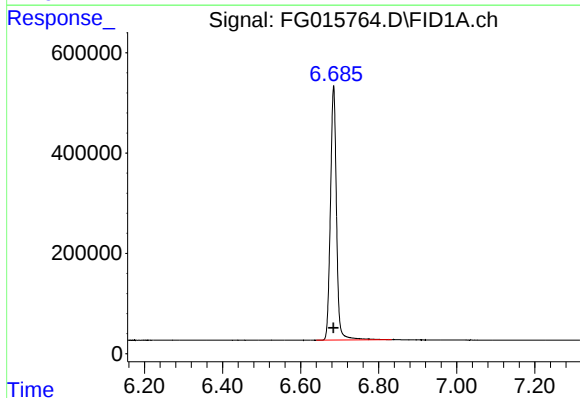
R.T.: 1.975 min
Delta R.T.: -0.002 min
Response: 5034679
Conc: 44.67 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



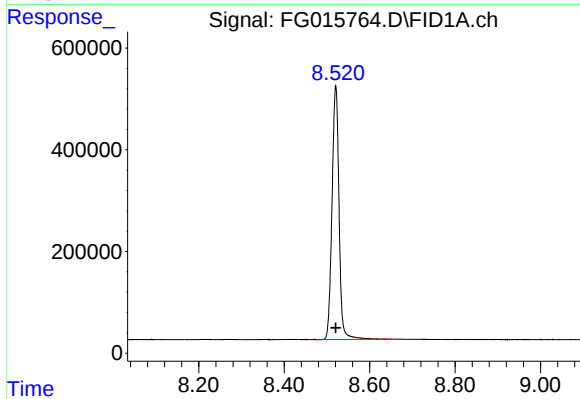
#2 N-DECANE

R.T.: 4.502 min
Delta R.T.: 0.000 min
Response: 5426672
Conc: 48.74 ug/ml



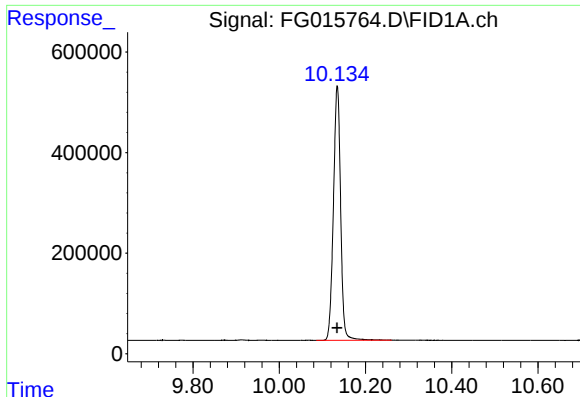
#3 N-DODECANE

R.T.: 6.685 min
Delta R.T.: 0.000 min
Response: 5455975
Conc: 47.61 ug/ml



#4 N-TETRADECANE

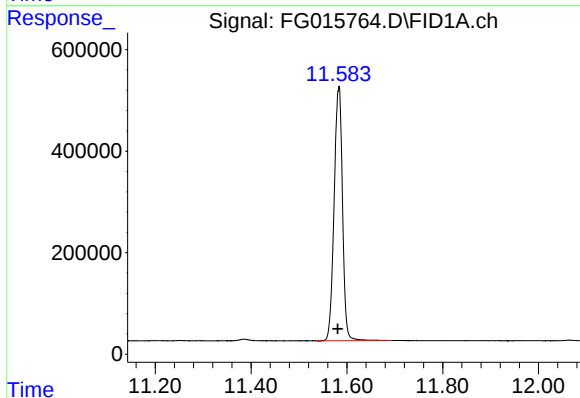
R.T.: 8.521 min
Delta R.T.: 0.000 min
Response: 5678600
Conc: 46.86 ug/ml



#5 N-HEXADECANE

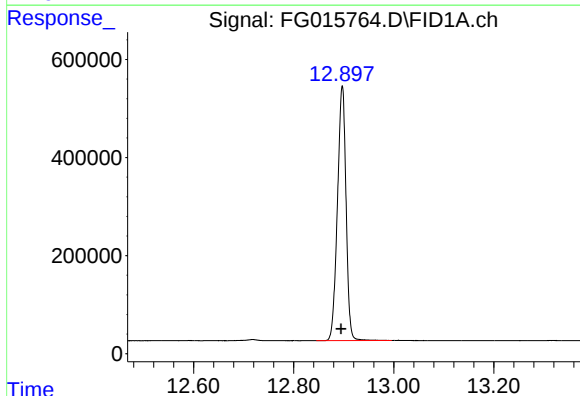
R.T.: 10.135 min
Delta R.T.: 0.000 min
Response: 5860085
Conc: 46.68 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



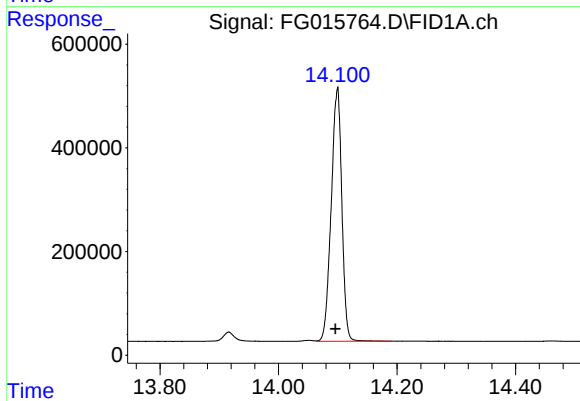
#6 N-OCTADECANE

R.T.: 11.583 min
Delta R.T.: 0.002 min
Response: 6065272
Conc: 46.28 ug/ml



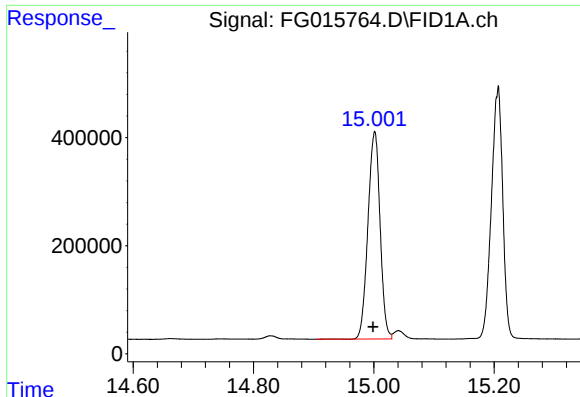
#7 N-EICOSANE

R.T.: 12.897 min
Delta R.T.: 0.002 min
Response: 6196890
Conc: 45.71 ug/ml



#8 N-DOCOSANE

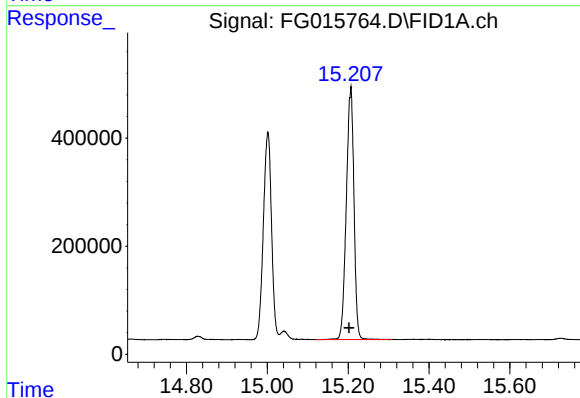
R.T.: 14.099 min
Delta R.T.: 0.004 min
Response: 6088457
Conc: 45.91 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

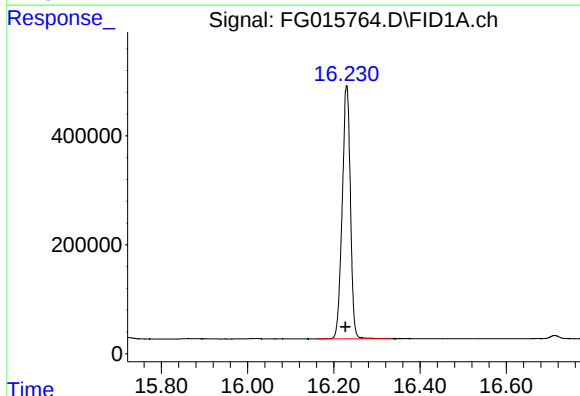
R.T.: 15.002 min
Delta R.T.: 0.003 min
Response: 5379037
Conc: 45.69 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



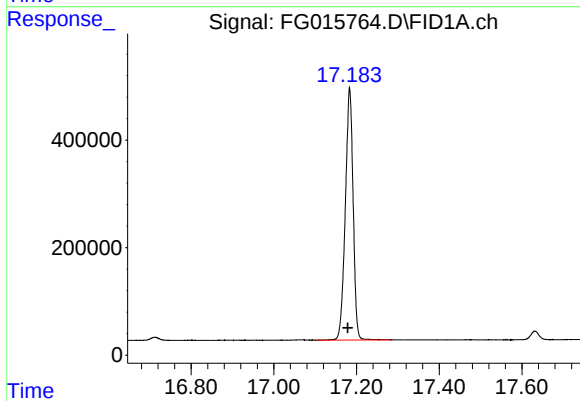
#10 N-TETRACOSANE

R.T.: 15.207 min
Delta R.T.: 0.004 min
Response: 6131344
Conc: 46.14 ug/ml



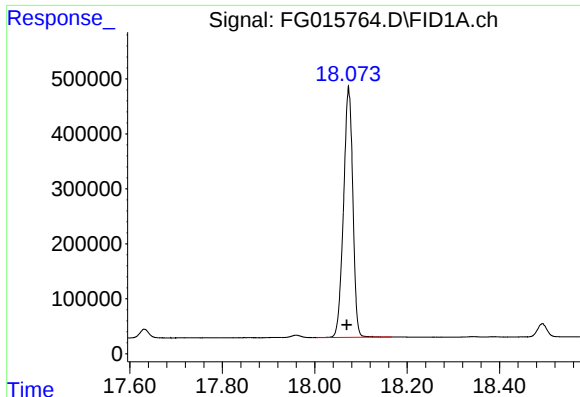
#11 N-HEXACOSANE

R.T.: 16.230 min
Delta R.T.: 0.003 min
Response: 6121914
Conc: 46.16 ug/ml



#12 N-OCTACOSANE

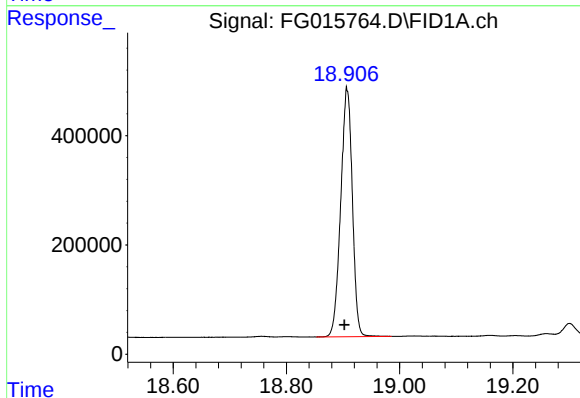
R.T.: 17.183 min
Delta R.T.: 0.005 min
Response: 6137954
Conc: 46.56 ug/ml



#13 N-TRIACONTANE

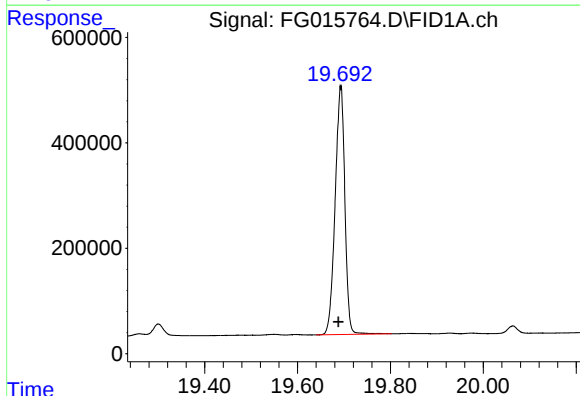
R.T.: 18.073 min
Delta R.T.: 0.004 min
Response: 6353342
Conc: 47.66 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



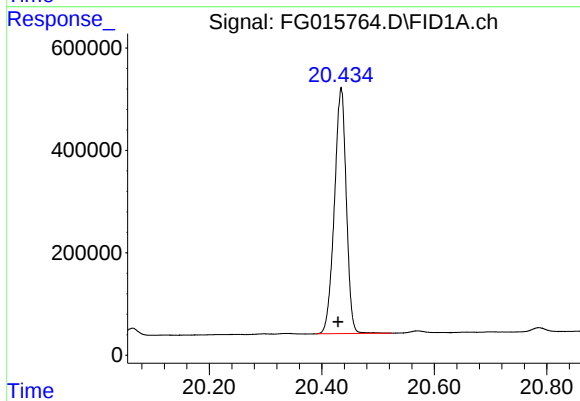
#14 N-DOTRIACONTANE

R.T.: 18.907 min
Delta R.T.: 0.005 min
Response: 6494802
Conc: 49.27 ug/ml



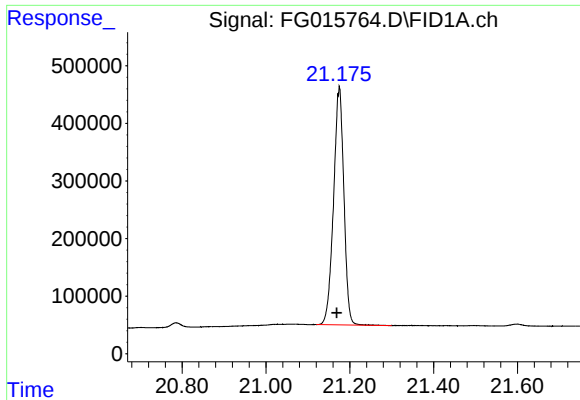
#15 N-TETRATRIACONTANE

R.T.: 19.693 min
Delta R.T.: 0.005 min
Response: 6843550
Conc: 56.59 ug/ml



#16 N-HEXATRIACONTANE

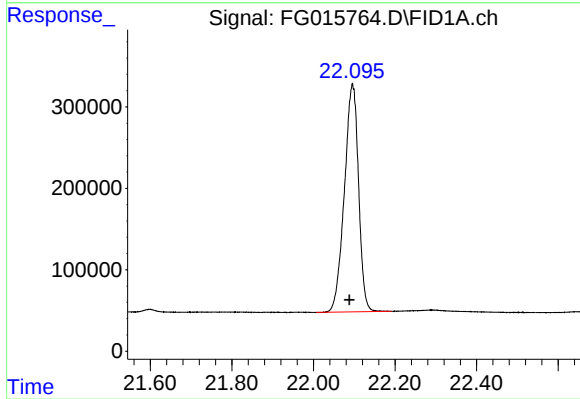
R.T.: 20.435 min
Delta R.T.: 0.006 min
Response: 7050208
Conc: 65.76 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.175 min
Delta R.T.: 0.007 min
Response: 7070608
Conc: 73.40 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.096 min
Delta R.T.: 0.008 min
Response: 6749216
Conc: 75.80 ug/ml