

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG030625\
 Data File : FG015447.D
 Signal(s) : FID1A.ch
 Acq On : 06 Mar 2025 09:45
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 07 01:15:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG030325.M
 Quant Title :
 QLast Update : Mon Mar 03 14:06:11 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...	15.037	5086771	46.720 ug/ml
Target Compounds			
1) N-OCTANE	1.990	4843923	44.065 ug/ml
2) N-DECANE	4.531	5115918	45.976 ug/ml
3) N-DODECANE	6.715	5547769	47.736 ug/ml
4) N-TETRADECANE	8.552	5627155	48.835 ug/ml
5) N-HEXADECANE	10.167	5879457	49.536 ug/ml
6) N-OCTADECANE	11.617	6097235	49.232 ug/ml
7) N-EICOSANE	12.931	5890045	48.490 ug/ml
8) N-DOCOSANE	14.135	5691087	47.533 ug/ml
10) N-TETRACOSANE	15.242	5547948	46.460 ug/ml
11) N-HEXACOSANE	16.266	5369254	45.754 ug/ml
12) N-OCTACOSANE	17.219	5248914	45.346 ug/ml
13) N-TRIACONTANE	18.109	5228256	45.001 ug/ml
14) N-DOTRIACONTANE	18.943	5144652	44.592 ug/ml
15) N-TETRATRIACONTANE	19.728	4760068	44.323 ug/ml
16) N-HEXATRIACONTANE	20.469	4296733	44.820 ug/ml
17) N-OCTATRIACONTANE	21.214	4092145	45.852 ug/ml
18) N-TETRACONTANE	22.152	4094913	49.915 ug/ml

(f)=RT Delta > 1/2 Window

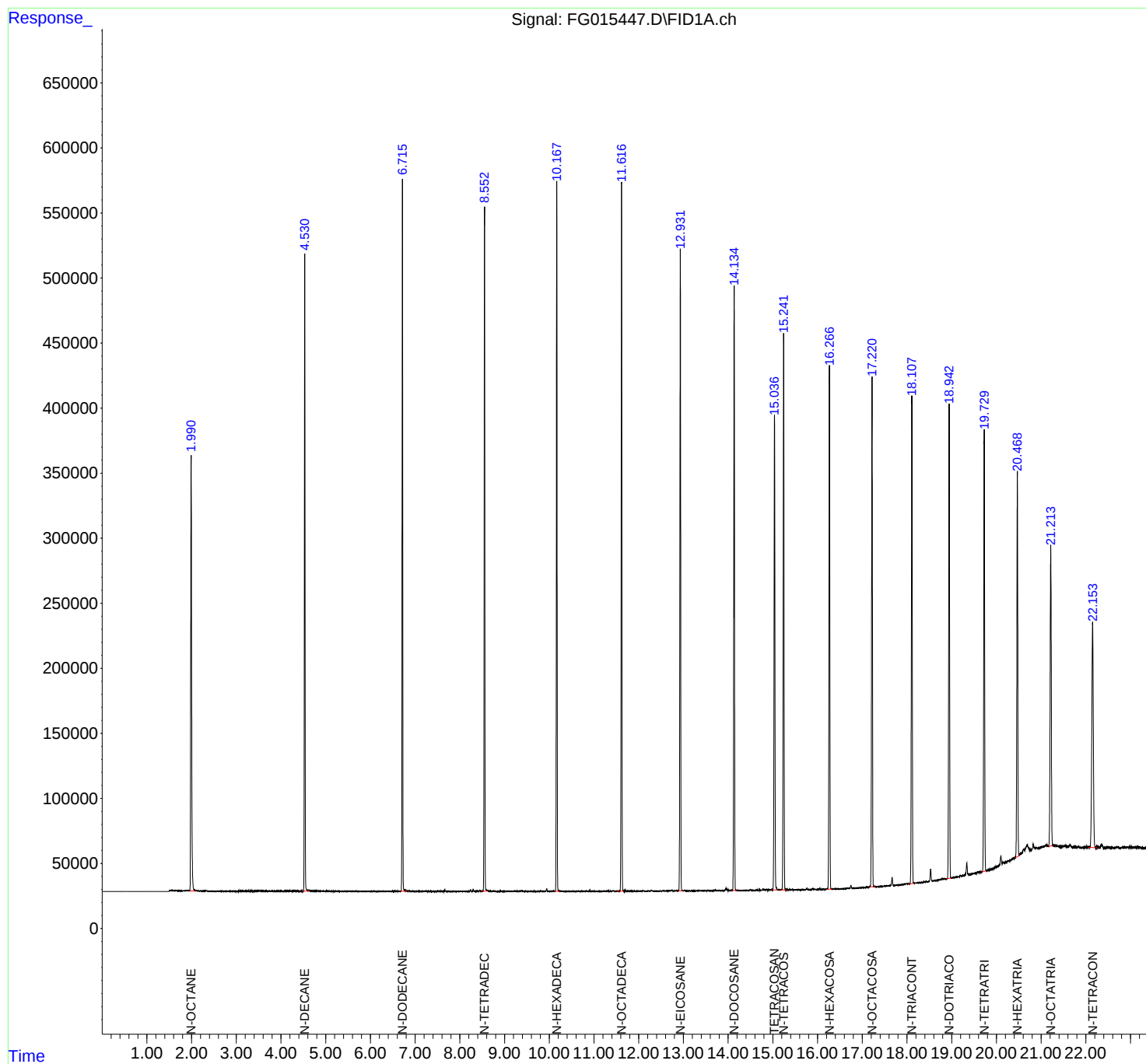
(m)=manual int.

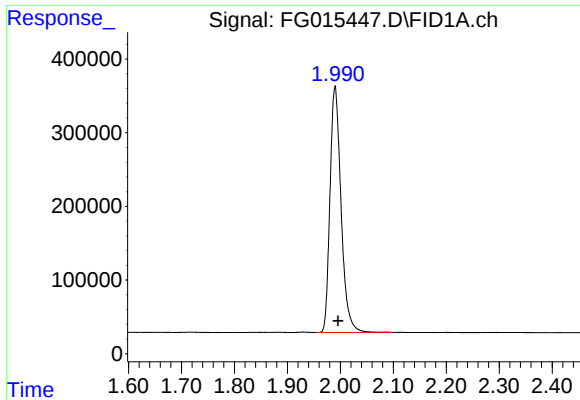
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

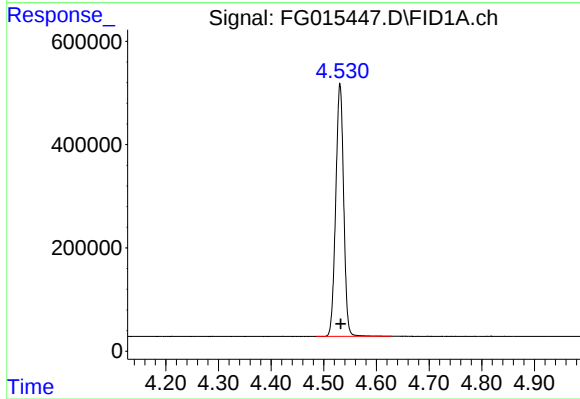




#1 N-OCTANE

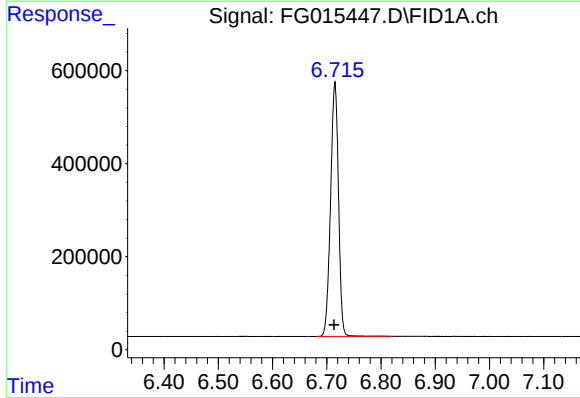
R.T.: 1.990 min
Delta R.T.: -0.006 min
Response: 4843923
Conc: 44.06 ug/ml

Instrument :
FID_G
ClientSampleId :



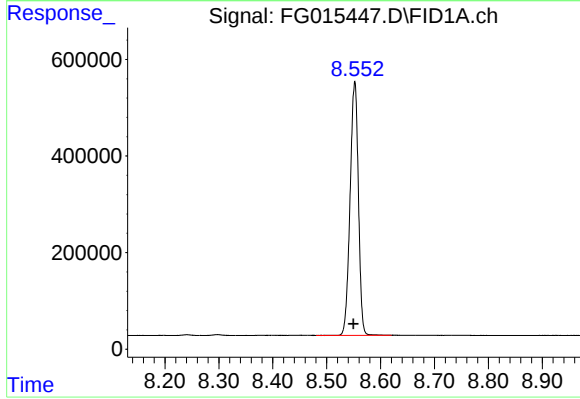
#2 N-DECANE

R.T.: 4.531 min
Delta R.T.: -0.001 min
Response: 5115918
Conc: 45.98 ug/ml



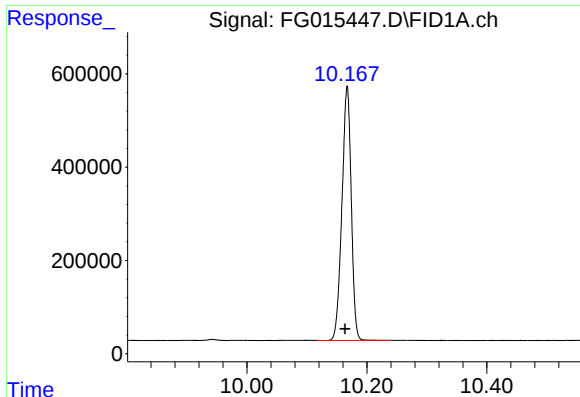
#3 N-DODECANE

R.T.: 6.715 min
Delta R.T.: 0.001 min
Response: 5547769
Conc: 47.74 ug/ml



#4 N-TETRADECANE

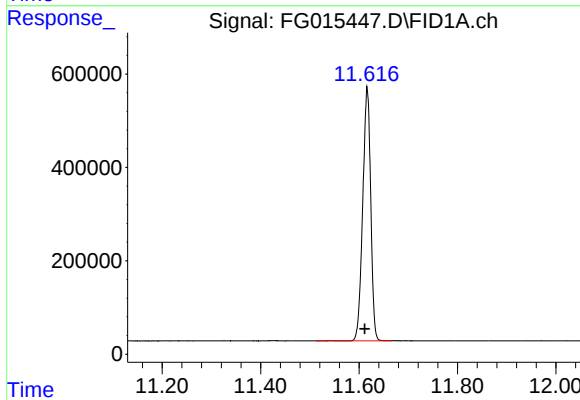
R.T.: 8.552 min
Delta R.T.: 0.003 min
Response: 5627155
Conc: 48.83 ug/ml



#5 N-HEXADECANE

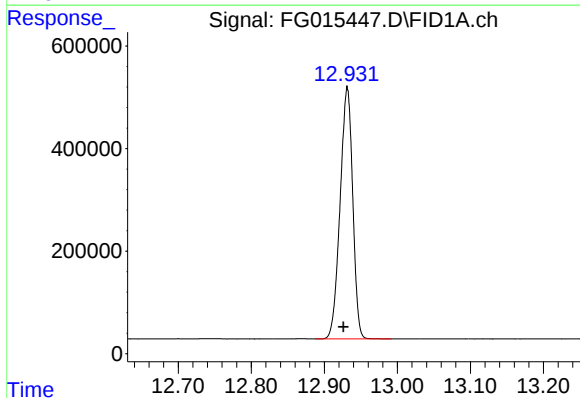
R.T.: 10.167 min
Delta R.T.: 0.004 min
Response: 5879457
Conc: 49.54 ug/ml

Instrument :
FID_G
ClientSampleId :



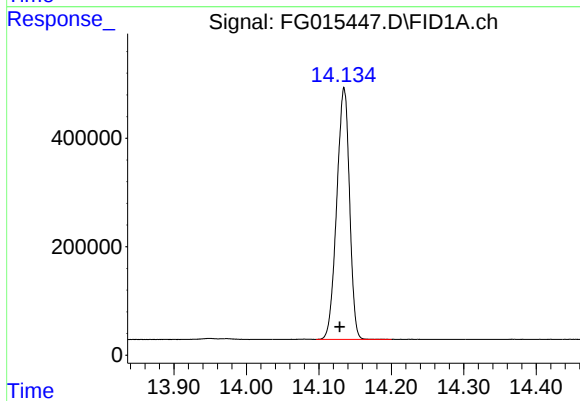
#6 N-OCTADECANE

R.T.: 11.617 min
Delta R.T.: 0.005 min
Response: 6097235
Conc: 49.23 ug/ml



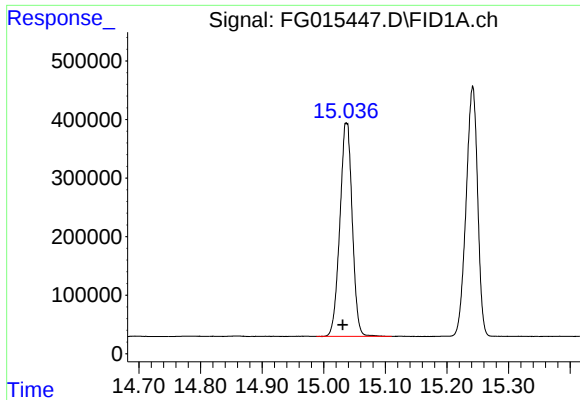
#7 N-EICOSANE

R.T.: 12.931 min
Delta R.T.: 0.005 min
Response: 5890045
Conc: 48.49 ug/ml



#8 N-DOCOSANE

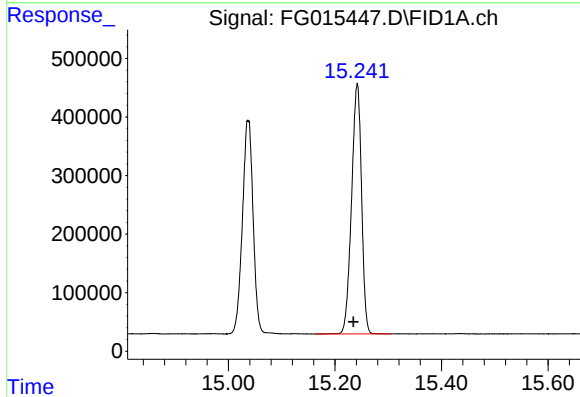
R.T.: 14.135 min
Delta R.T.: 0.006 min
Response: 5691087
Conc: 47.53 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

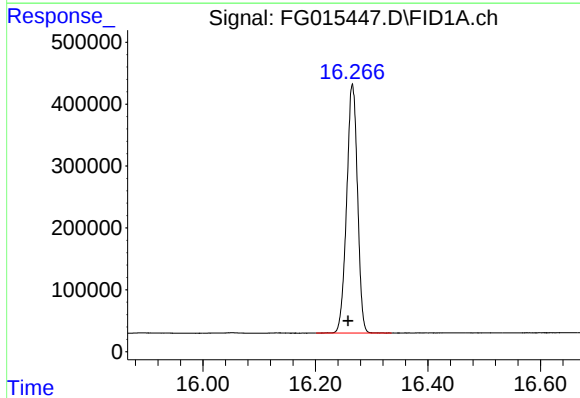
R.T.: 15.037 min
Delta R.T.: 0.006 min
Response: 5086771
Conc: 46.72 ug/ml

Instrument :
FID_G
ClientSampleId :



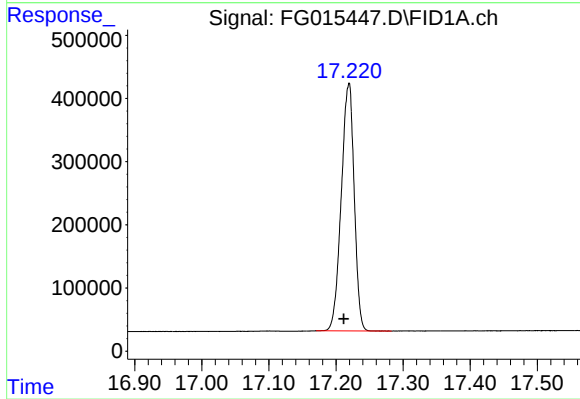
#10 N-TETRACOSANE

R.T.: 15.242 min
Delta R.T.: 0.007 min
Response: 5547948
Conc: 46.46 ug/ml



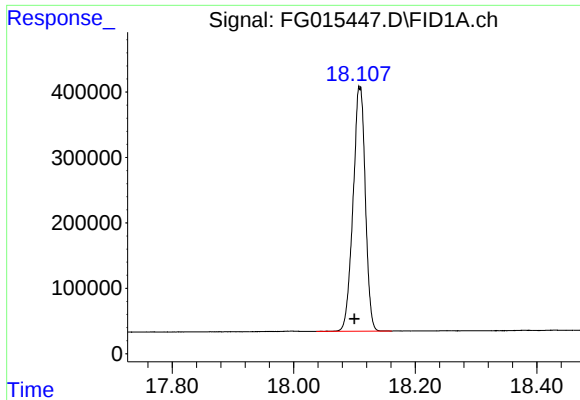
#11 N-HEXACOSANE

R.T.: 16.266 min
Delta R.T.: 0.007 min
Response: 5369254
Conc: 45.75 ug/ml



#12 N-OCTACOSANE

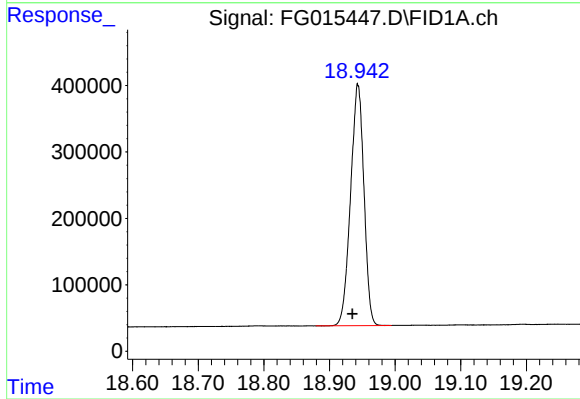
R.T.: 17.219 min
Delta R.T.: 0.008 min
Response: 5248914
Conc: 45.35 ug/ml



#13 N-TRIACONTANE

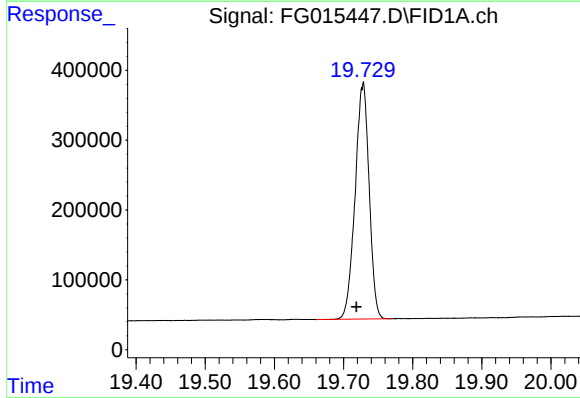
R.T.: 18.109 min
Delta R.T.: 0.009 min
Response: 5228256
Conc: 45.00 ug/ml

Instrument :
FID_G
ClientSampleId :



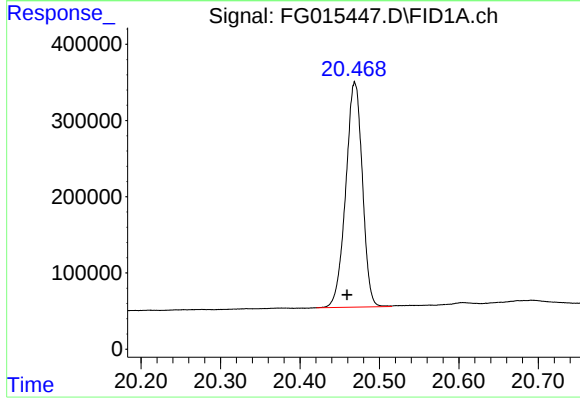
#14 N-DOTRIACONTANE

R.T.: 18.943 min
Delta R.T.: 0.008 min
Response: 5144652
Conc: 44.59 ug/ml



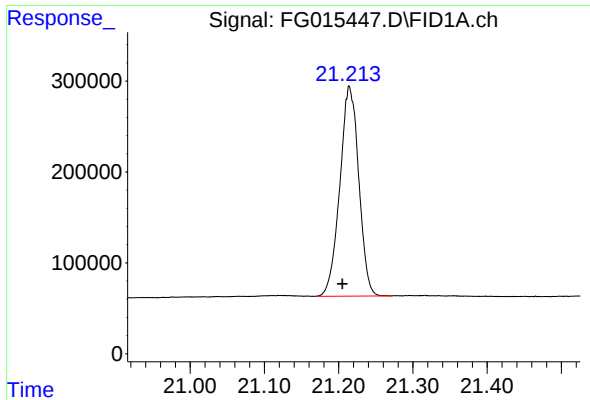
#15 N-TETRATRIACONTANE

R.T.: 19.728 min
Delta R.T.: 0.010 min
Response: 4760068
Conc: 44.32 ug/ml



#16 N-HEXATRIACONTANE

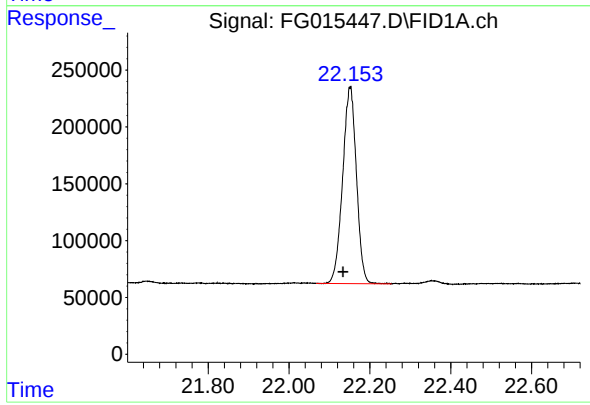
R.T.: 20.469 min
Delta R.T.: 0.010 min
Response: 4296733
Conc: 44.82 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.214 min
Delta R.T.: 0.009 min
Response: 4092145
Conc: 45.85 ug/ml

Instrument :
FID_G
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.152 min
Delta R.T.: 0.018 min
Response: 4094913
Conc: 49.92 ug/ml