

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG011224\
 Data File : FG013342.D
 Signal(s) : FID1A.ch
 Acq On : 12 Jan 2024 10:44
 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: Jan 13 00:39:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG010824.M
 Quant Title :
 QLast Update : Mon Jan 08 14:52:14 2024
 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...	15.068	6319408	51.684 ug/ml
Target Compounds			
1) N-OCTANE	2.057	6203441	49.034 ug/ml
2) N-DECANE	4.583	6328697	48.393 ug/ml
3) N-DODECANE	6.755	6591217	48.467 ug/ml
4) N-TETRADECANE	8.588	6498688	48.753 ug/ml
5) N-HEXADECANE	10.200	6707475	49.219 ug/ml
6) N-OCTADECANE	11.648	7008720	49.741 ug/ml
7) N-EICOSANE	12.963	6929433	50.286 ug/ml
8) N-DOCOSANE	14.166	6889868	50.817 ug/ml
10) N-TETRACOSANE	15.273	6882607	51.153 ug/ml
11) N-HEXACOSANE	16.297	6784580	51.504 ug/ml
12) N-OCTACOSANE	17.251	6666030	51.753 ug/ml
13) N-TRIACONTANE	18.141	6517643	51.594 ug/ml
14) N-DOTRIACONTANE	18.975	6138695	51.148 ug/ml
15) N-TETRATRIACONTANE	19.762	4797614	50.772 ug/ml
16) N-HEXATRIACONTANE	20.502	3524790	50.315 ug/ml
17) N-OCTATRIACONTANE	21.254	2895282	47.934 ug/ml
18) N-TETRACONTANE	22.197	2604568	47.870 ug/ml

(f)=RT Delta > 1/2 Window

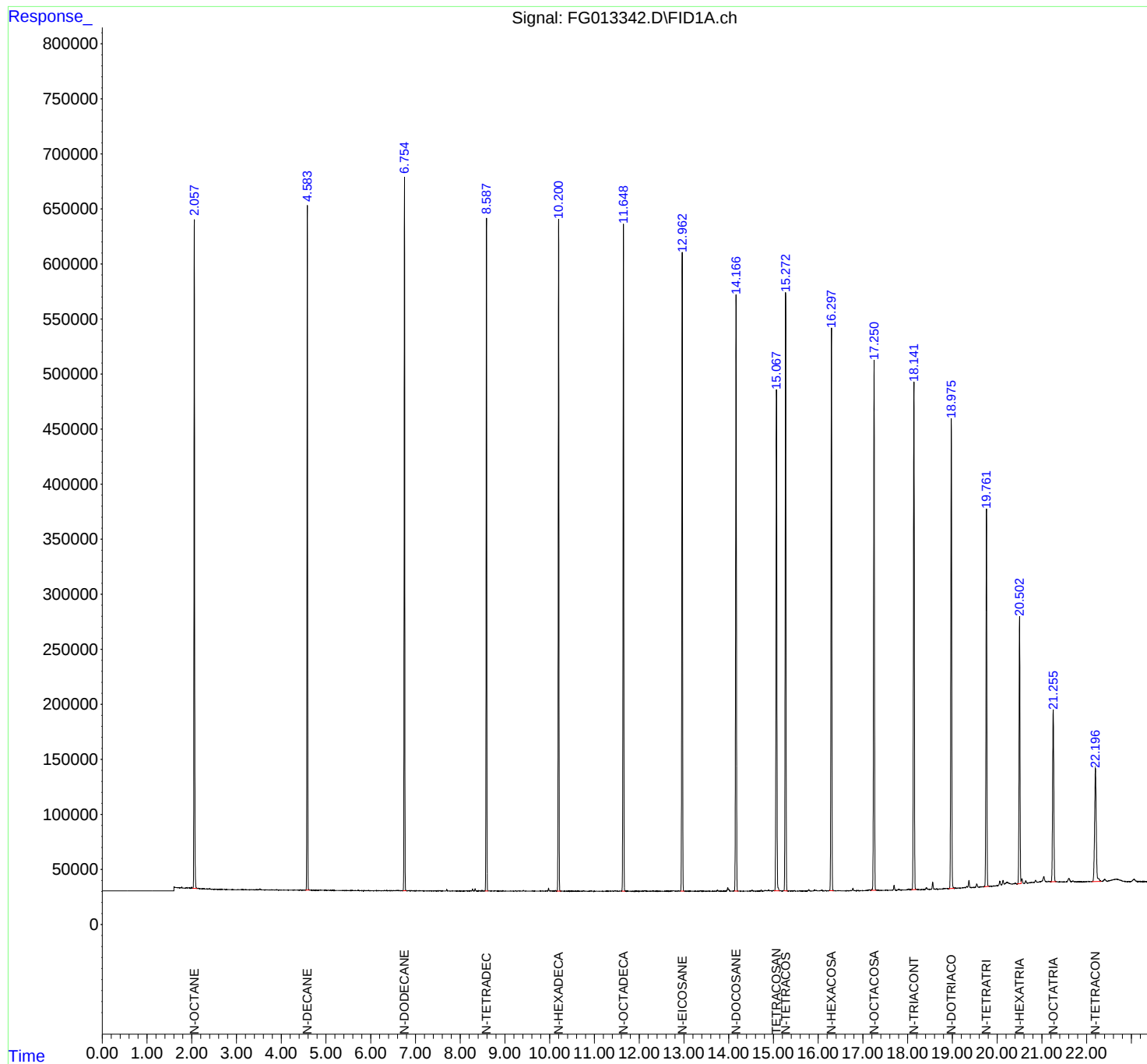
(m)=manual int.

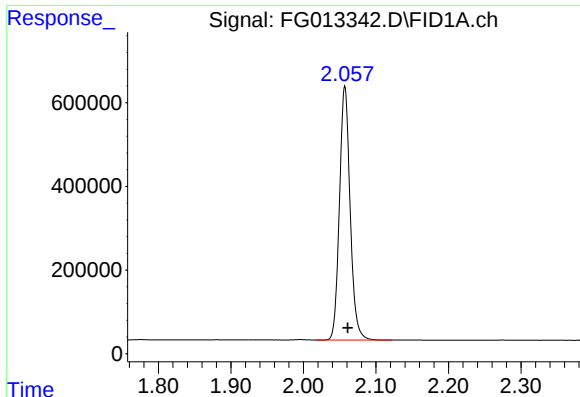
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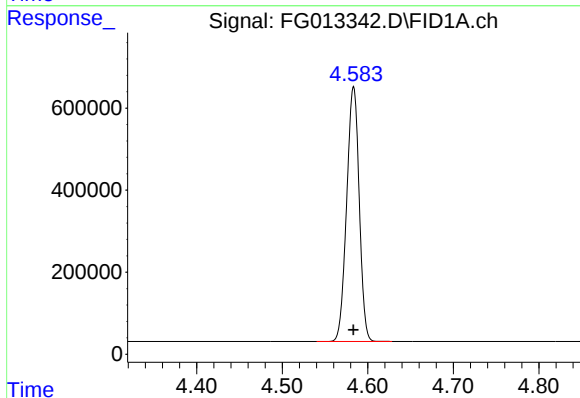




#1 N-OCTANE

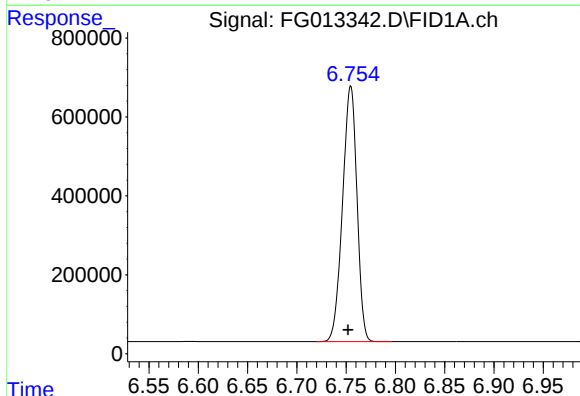
R.T.: 2.057 min
Delta R.T.: -0.004 min
Response: 6203441
Conc: 49.03 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



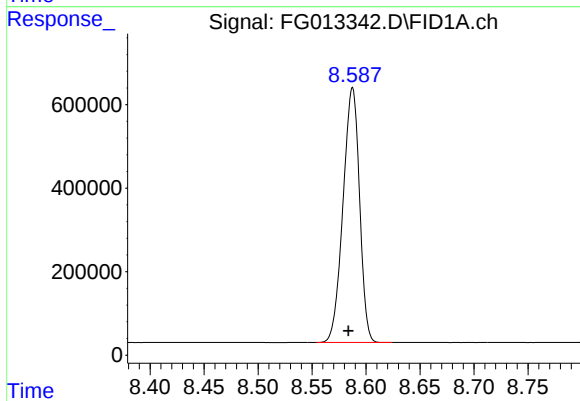
#2 N-DECANE

R.T.: 4.583 min
Delta R.T.: 0.000 min
Response: 6328697
Conc: 48.39 ug/ml



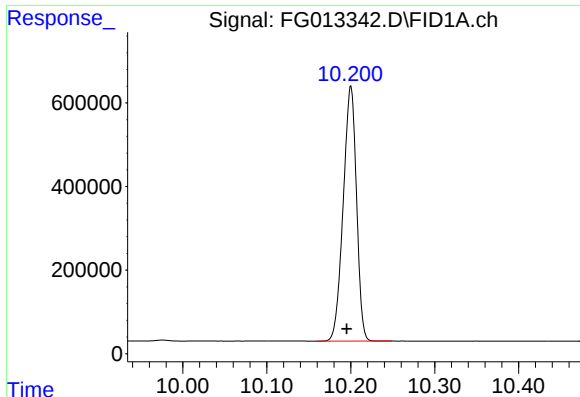
#3 N-DODECANE

R.T.: 6.755 min
Delta R.T.: 0.003 min
Response: 6591217
Conc: 48.47 ug/ml



#4 N-TETRADECANE

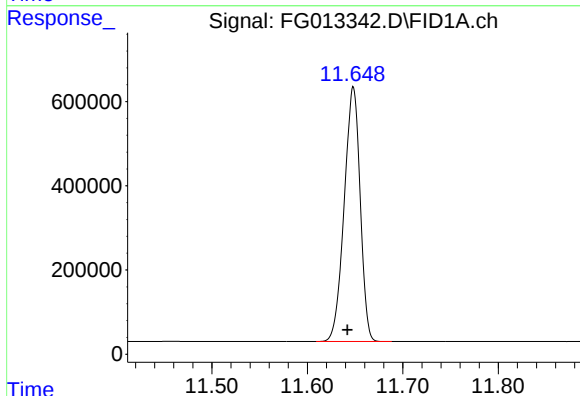
R.T.: 8.588 min
Delta R.T.: 0.004 min
Response: 6498688
Conc: 48.75 ug/ml



#5 N-HEXADECANE

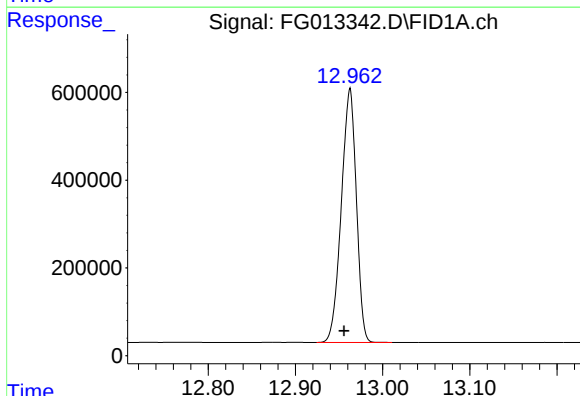
R.T.: 10.200 min
Delta R.T.: 0.005 min
Response: 6707475
Conc: 49.22 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



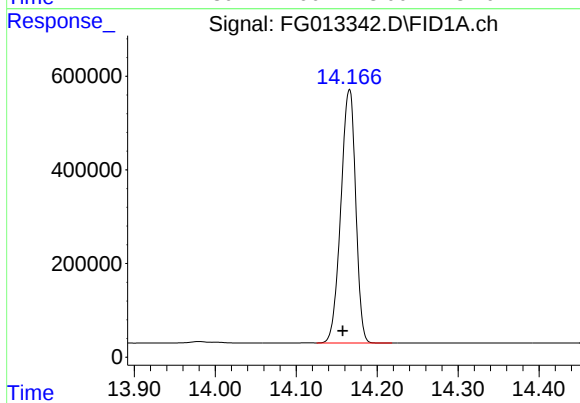
#6 N-OCTADECANE

R.T.: 11.648 min
Delta R.T.: 0.006 min
Response: 7008720
Conc: 49.74 ug/ml



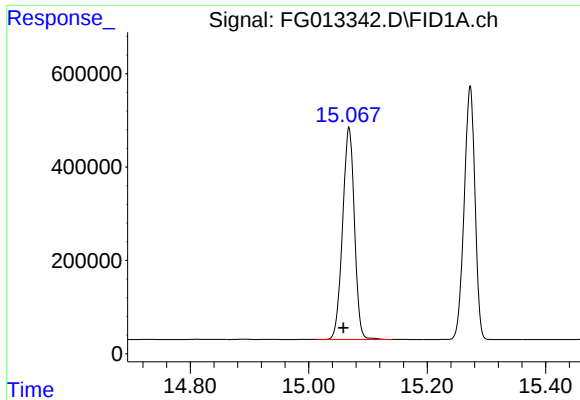
#7 N-EICOSANE

R.T.: 12.963 min
Delta R.T.: 0.007 min
Response: 6929433
Conc: 50.29 ug/ml



#8 N-DOCOSANE

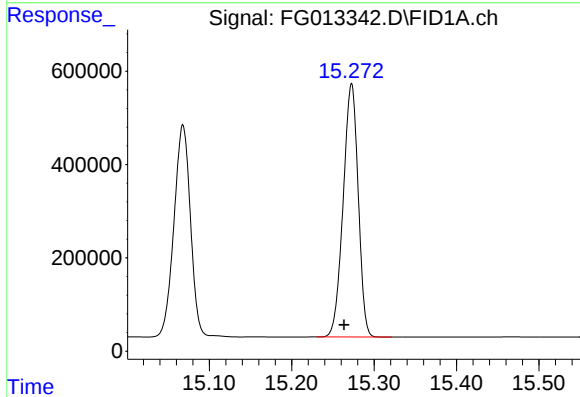
R.T.: 14.166 min
Delta R.T.: 0.008 min
Response: 6889868
Conc: 50.82 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

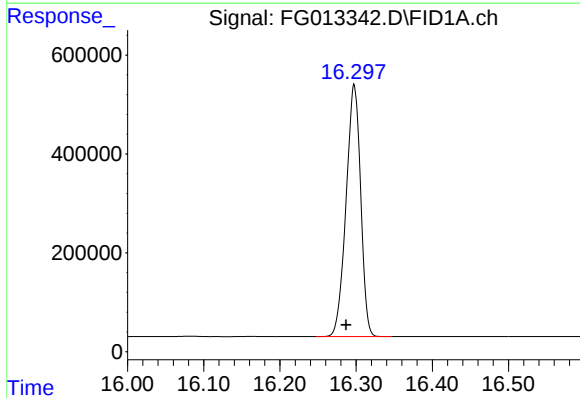
R.T.: 15.068 min
Delta R.T.: 0.009 min
Response: 6319408
Conc: 51.68 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



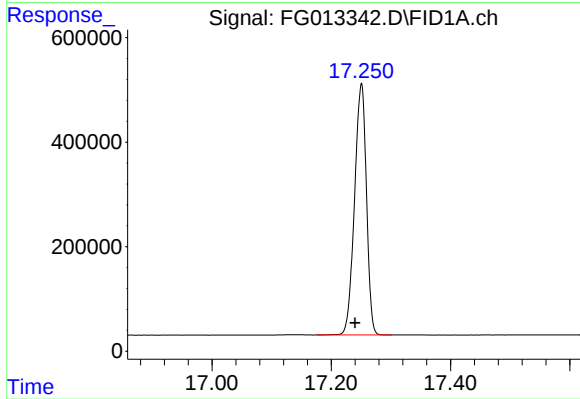
#10 N-TETRACOSANE

R.T.: 15.273 min
Delta R.T.: 0.009 min
Response: 6882607
Conc: 51.15 ug/ml



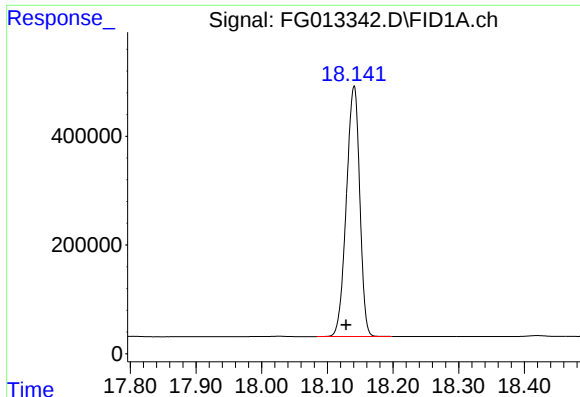
#11 N-HEXACOSANE

R.T.: 16.297 min
Delta R.T.: 0.010 min
Response: 6784580
Conc: 51.50 ug/ml



#12 N-OCTACOSANE

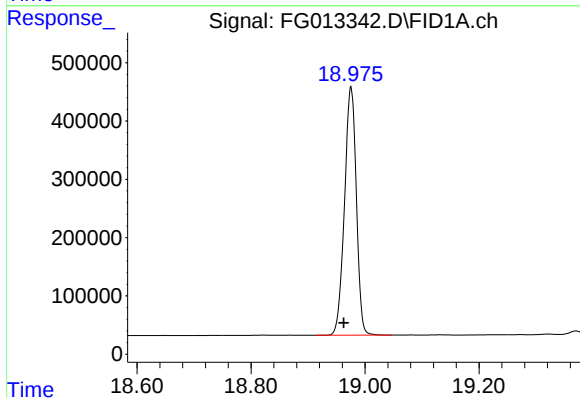
R.T.: 17.251 min
Delta R.T.: 0.011 min
Response: 6666030
Conc: 51.75 ug/ml



#13 N-TRIACONTANE

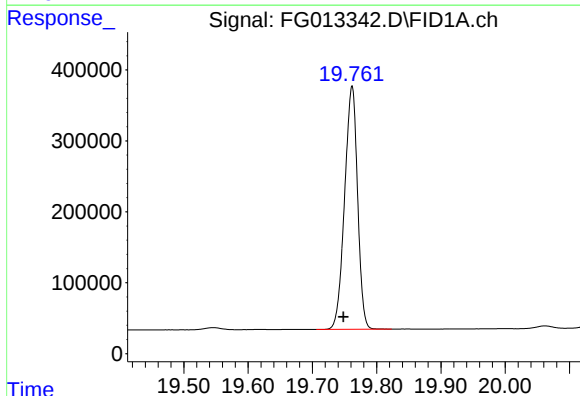
R.T.: 18.141 min
Delta R.T.: 0.012 min
Response: 6517643
Conc: 51.59 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



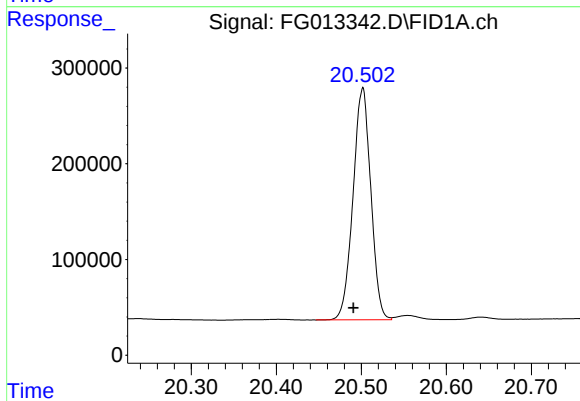
#14 N-DOTRIACONTANE

R.T.: 18.975 min
Delta R.T.: 0.013 min
Response: 6138695
Conc: 51.15 ug/ml



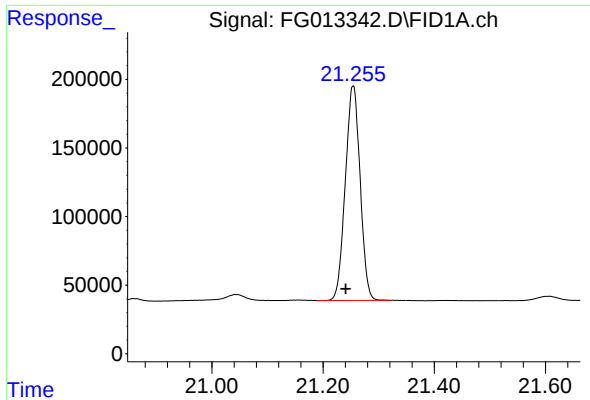
#15 N-TETRATRIACONTANE

R.T.: 19.762 min
Delta R.T.: 0.013 min
Response: 4797614
Conc: 50.77 ug/ml



#16 N-HEXATRIACONTANE

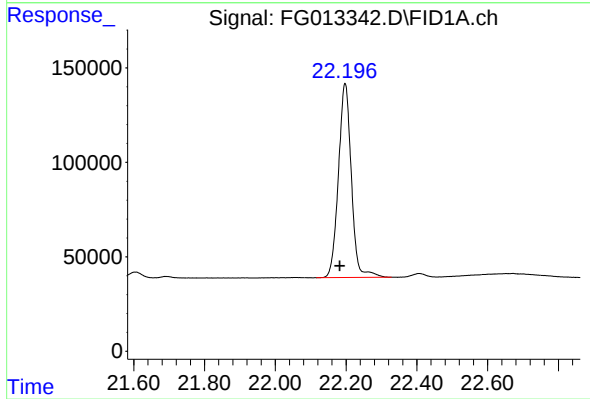
R.T.: 20.502 min
Delta R.T.: 0.011 min
Response: 3524790
Conc: 50.32 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.254 min
Delta R.T.: 0.013 min
Response: 2895282
Conc: 47.93 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.197 min
Delta R.T.: 0.015 min
Response: 2604568
Conc: 47.87 ug/ml