

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102621\
 Data File : FG008955.D
 Signal(s) : FID1A.ch
 Acq On : 26 Oct 2021 11:57
 Operator : AJ\MA
 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: Oct 27 01:42:58 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG100721.M
 Quant Title :
 QLast Update : Fri Oct 08 03:31:08 2021
 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...	14.742	4927994	42.694 ug/ml
Target Compounds			
1) N-OCTANE	2.333	6662285	48.228 ug/ml
2) N-DECANE	4.435	6722795	48.188 ug/ml
3) N-DODECANE	6.463	6661371	47.242 ug/ml
4) N-TETRADECANE	8.267	6507149	46.159 ug/ml
5) N-HEXADECANE	9.873	6289690	44.914 ug/ml
6) N-OCTADECANE	11.320	6256993	44.274 ug/ml
7) N-EICOSANE	12.636	6076731	43.572 ug/ml
8) N-DOCOSANE	13.839	5799038	42.993 ug/ml
10) N-TETRACOSANE	14.947	5599183	42.642 ug/ml
11) N-HEXACOSANE	15.970	5352483	42.756 ug/ml
12) N-OCTACOSANE	16.925	5185791	43.518 ug/ml
13) N-TRIACONTANE	17.814	5080669	44.794 ug/ml
14) N-DOTRIACONTANE	18.649	4915023	46.336 ug/ml
15) N-TETRATRIACONTANE	19.436	4746317	47.656 ug/ml
16) N-HEXATRIACONTANE	20.177	4500271	48.728 ug/ml
17) N-OCTATRIACONTANE	20.932	4136077	47.119 ug/ml
18) N-TETRACONTANE	21.877	4149074	46.595 ug/ml

(f)=RT Delta > 1/2 Window

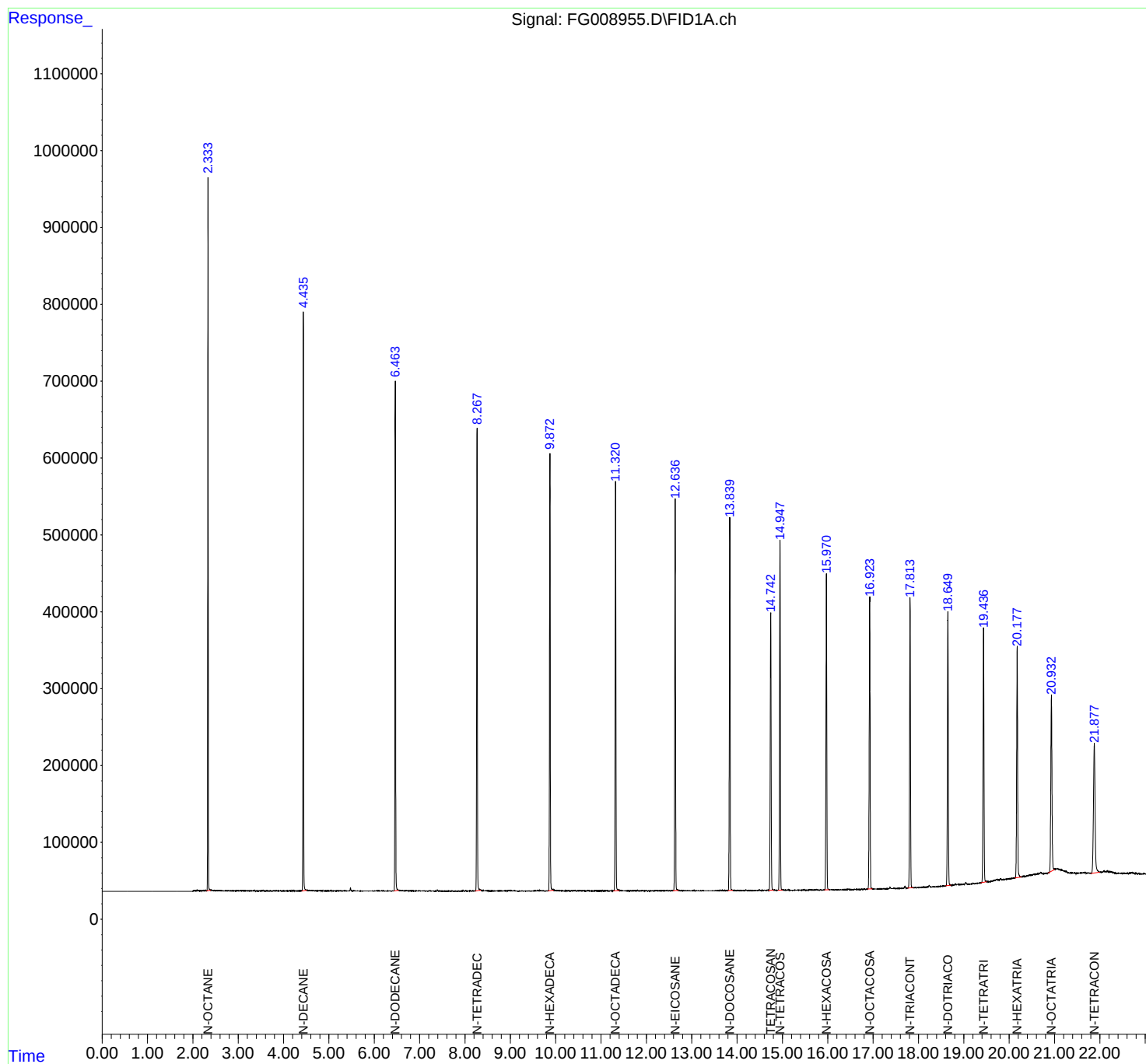
(m)=manual int.

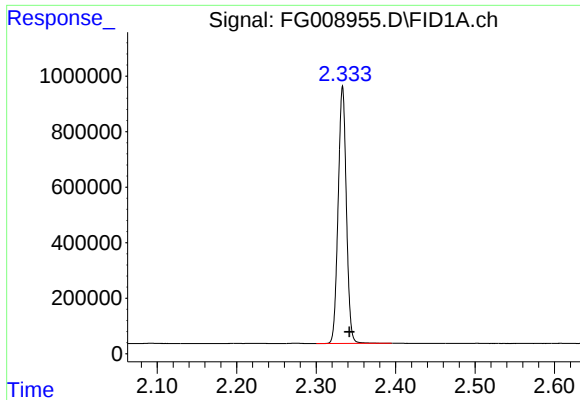
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

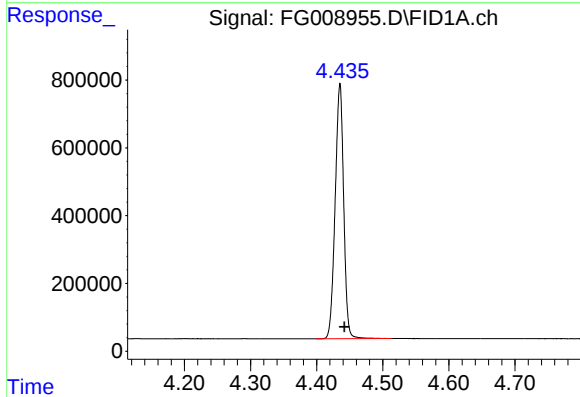




#1 N-OCTANE

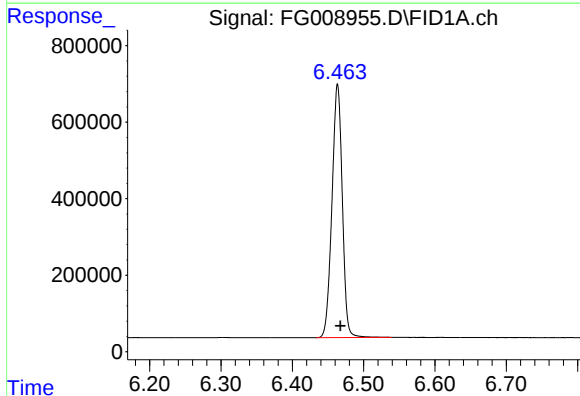
R.T.: 2.333 min
Delta R.T.: -0.009 min
Response: 6662285
Conc: 48.23 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



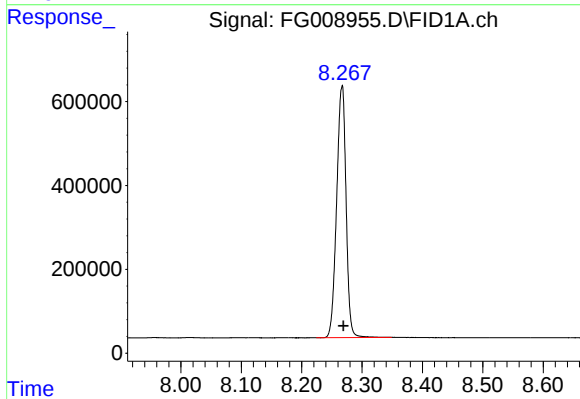
#2 N-DECANE

R.T.: 4.435 min
Delta R.T.: -0.006 min
Response: 6722795
Conc: 48.19 ug/ml



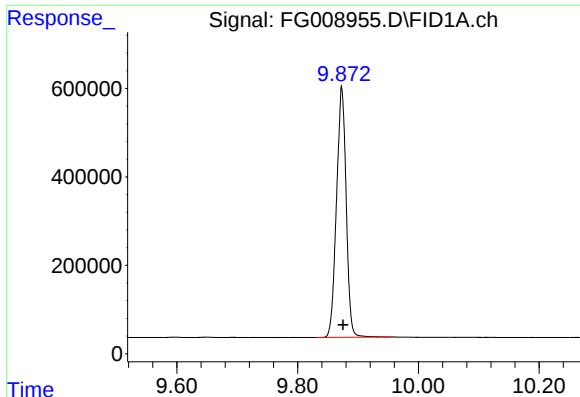
#3 N-DODECANE

R.T.: 6.463 min
Delta R.T.: -0.004 min
Response: 6661371
Conc: 47.24 ug/ml



#4 N-TETRADECANE

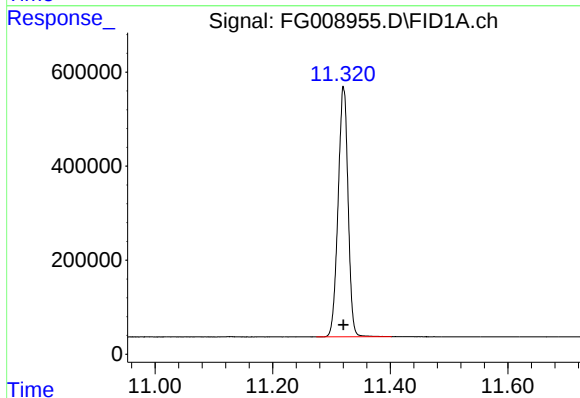
R.T.: 8.267 min
Delta R.T.: -0.002 min
Response: 6507149
Conc: 46.16 ug/ml



#5 N-HEXADECANE

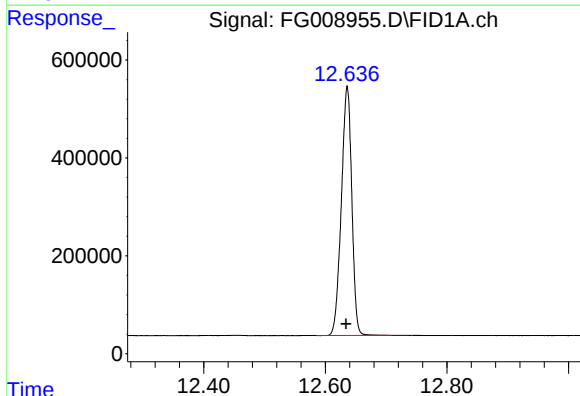
R.T.: 9.873 min
Delta R.T.: -0.002 min
Response: 6289690
Conc: 44.91 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



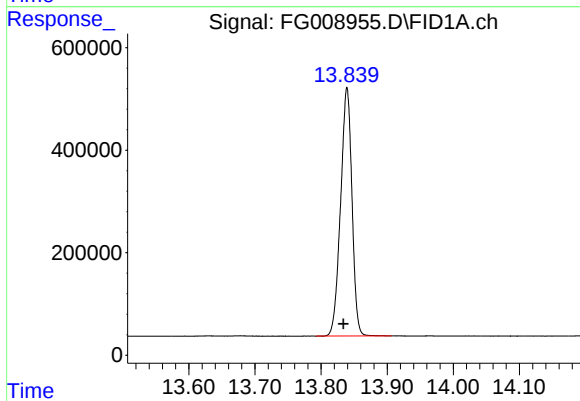
#6 N-OCTADECANE

R.T.: 11.320 min
Delta R.T.: 0.000 min
Response: 6256993
Conc: 44.27 ug/ml



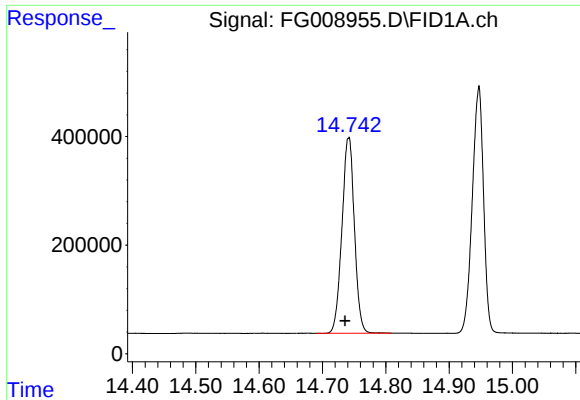
#7 N-EICOSANE

R.T.: 12.636 min
Delta R.T.: 0.002 min
Response: 6076731
Conc: 43.57 ug/ml



#8 N-DOCOSANE

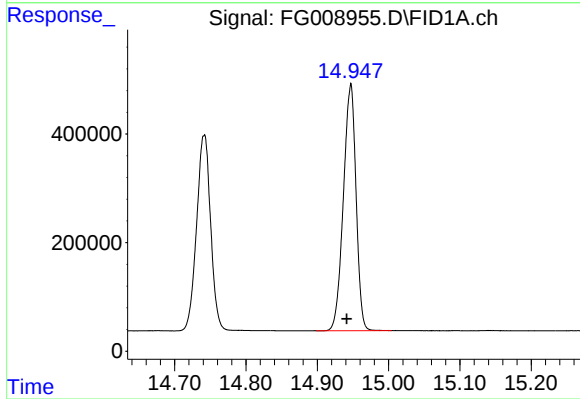
R.T.: 13.839 min
Delta R.T.: 0.005 min
Response: 5799038
Conc: 42.99 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

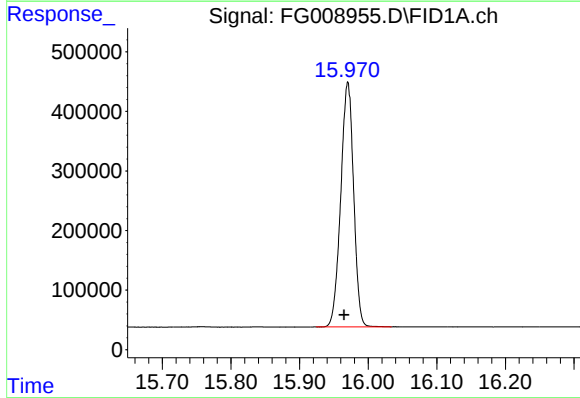
R.T.: 14.742 min
Delta R.T.: 0.006 min
Response: 4927994
Conc: 42.69 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



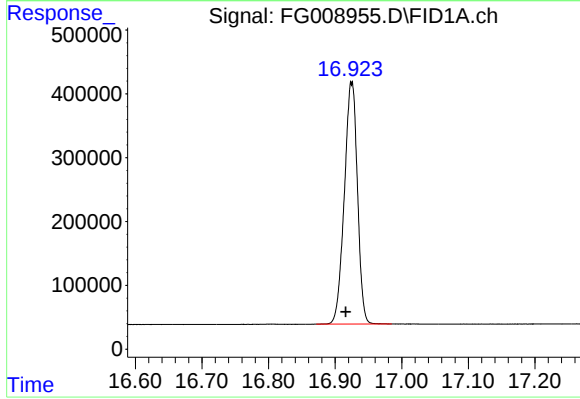
#10 N-TETRACOSANE

R.T.: 14.947 min
Delta R.T.: 0.006 min
Response: 5599183
Conc: 42.64 ug/ml



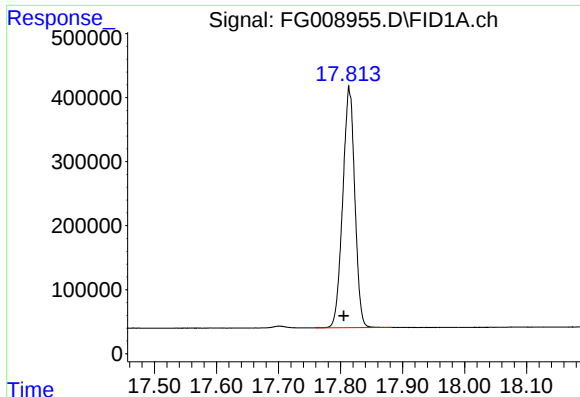
#11 N-HEXACOSANE

R.T.: 15.970 min
Delta R.T.: 0.006 min
Response: 5352483
Conc: 42.76 ug/ml



#12 N-OCTACOSANE

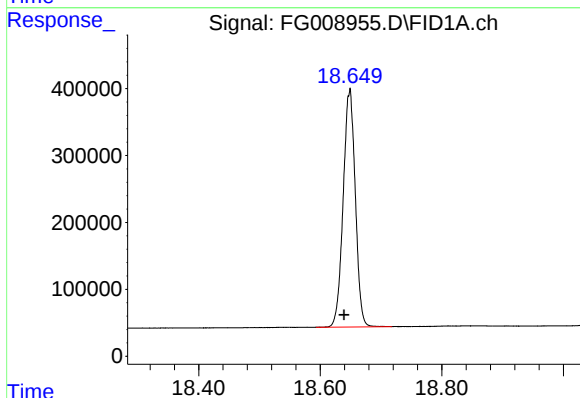
R.T.: 16.925 min
Delta R.T.: 0.009 min
Response: 5185791
Conc: 43.52 ug/ml



#13 N-TRIACONTANE

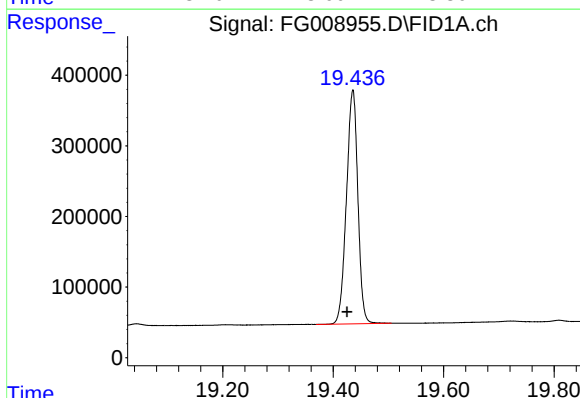
R.T.: 17.814 min
Delta R.T.: 0.009 min
Response: 5080669
Conc: 44.79 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



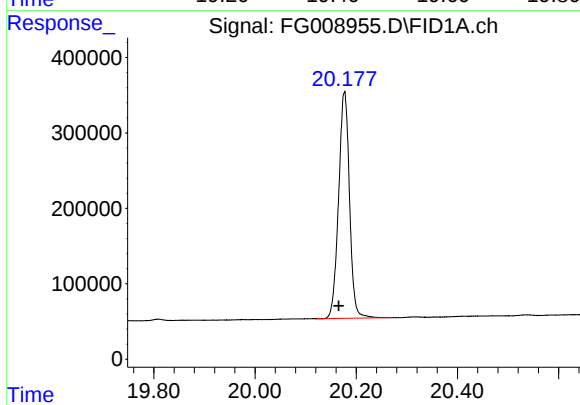
#14 N-DOTRIACONTANE

R.T.: 18.649 min
Delta R.T.: 0.009 min
Response: 4915023
Conc: 46.34 ug/ml



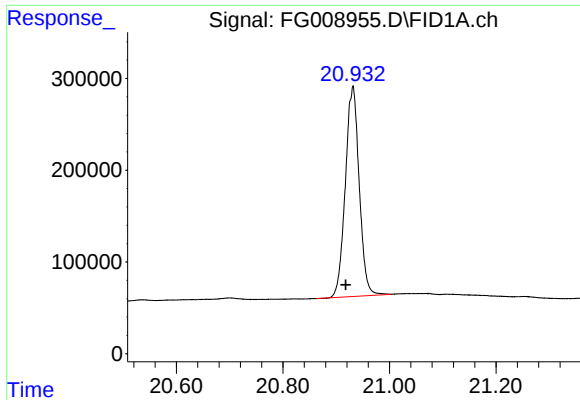
#15 N-TETRATRIACONTANE

R.T.: 19.436 min
Delta R.T.: 0.010 min
Response: 4746317
Conc: 47.66 ug/ml



#16 N-HEXATRIACONTANE

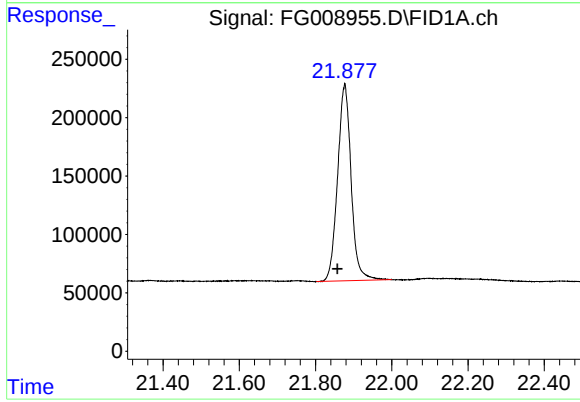
R.T.: 20.177 min
Delta R.T.: 0.011 min
Response: 4500271
Conc: 48.73 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.932 min
Delta R.T.: 0.014 min
Response: 4136077
Conc: 47.12 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 21.877 min
Delta R.T.: 0.019 min
Response: 4149074
Conc: 46.60 ug/ml