

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090822\
 Data File : FG010523.D
 Signal(s) : FID1A.ch
 Acq On : 08 Sep 2022 11:50
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/09/2022
 Supervised By :Ankita Jodhani 09/09/2022

Integration File: Sample.e
 Quant Time: Sep 09 07:54:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG082622.M
 Quant Title :
 QLast Update : Fri Aug 26 23:48:05 2022
 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...	14.783	5738379	46.888 ug/ml
Target Compounds			
1) N-OCTANE	1.804	6189766	49.184 ug/ml
2) N-DECANE	4.307	6506297	50.760 ug/ml
3) N-DODECANE	6.489	6619082	50.293 ug/ml
4) N-TETRADECANE	8.321	6679879	49.353 ug/ml
5) N-HEXADECANE	9.929	6778467	48.375 ug/ml
6) N-OCTADECANE	11.373	6826484	47.813 ug/ml
7) N-EICOSANE	12.684	6768455	47.405 ug/ml
8) N-DOCOSANE	13.882	6567290	47.127 ug/ml
10) N-TETRACOSANE	14.986	6509412	46.979 ug/ml
11) N-HEXACOSANE	16.009	6339180	46.728 ug/ml
12) N-OCTACOSANE	16.958	6159680	46.578 ug/ml
13) N-TRIACONTANE	17.847	6026885	46.512 ug/ml
14) N-DOTRIACONTANE	18.679	5911239	46.235 ug/ml
15) N-TETRATRIACONTANE	19.463	5883284	47.557 ug/ml
16) N-HEXATRIACONTANE	20.204	5682716	48.960 ug/mlm
17) N-OCTATRIACONTANE	20.917	5843980	50.881 ug/mlm
18) N-TETRACONTANE	21.752	6301910	53.451 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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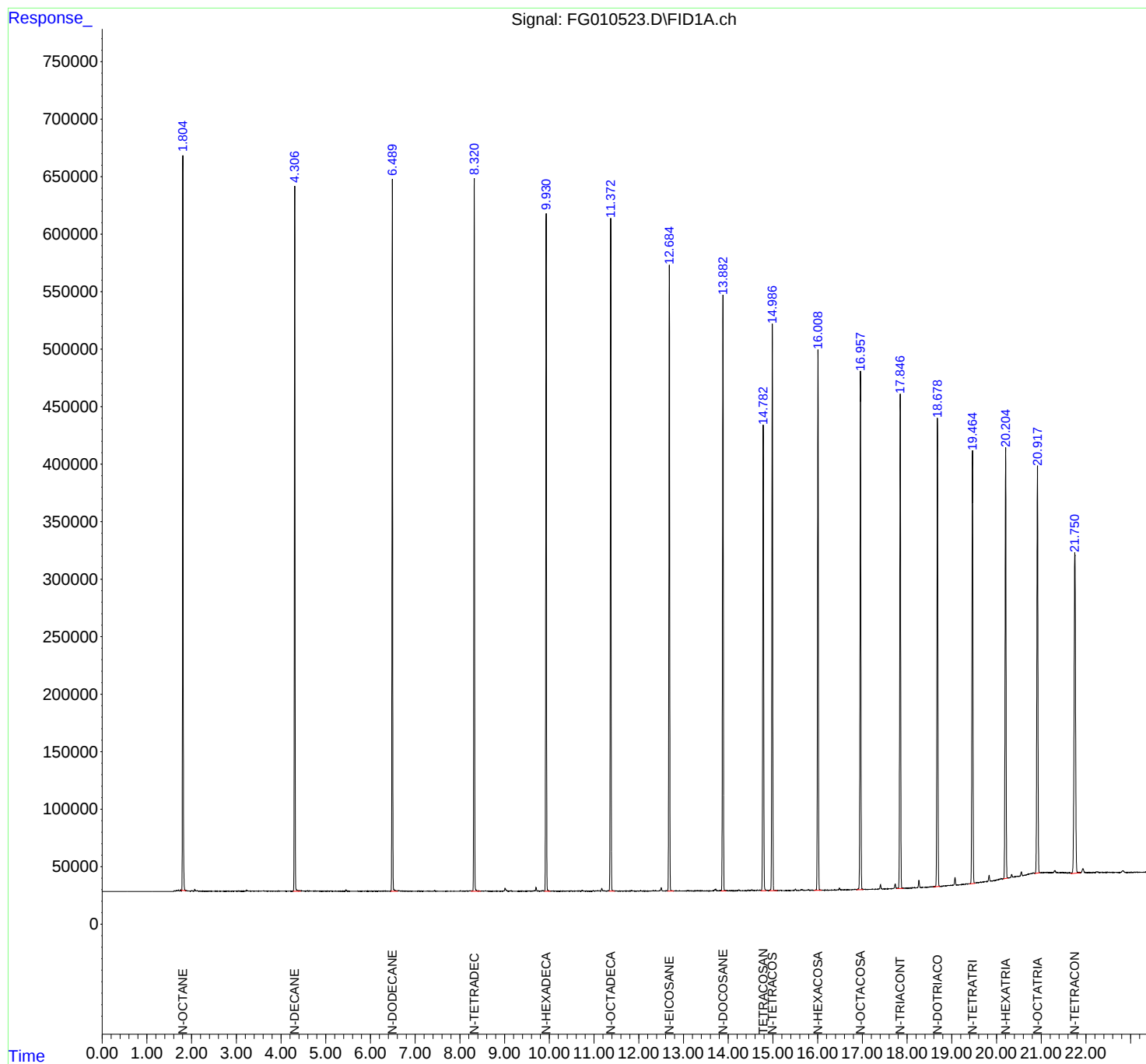
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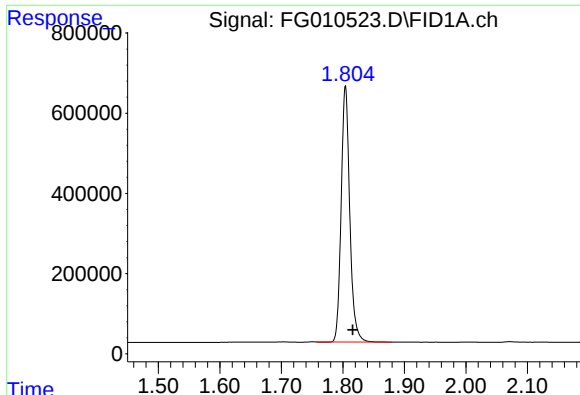
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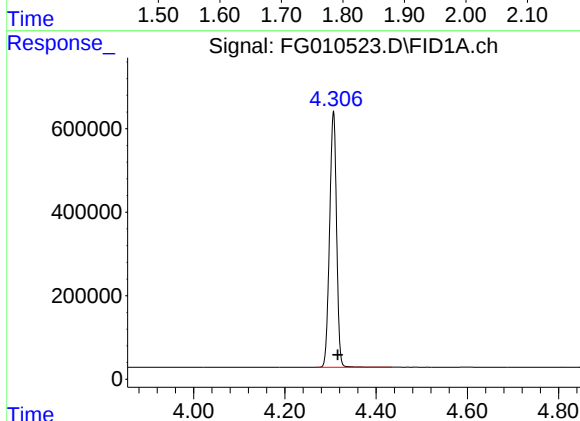
#1 N-OCTANE

R.T.: 1.804 min
Delta R.T.: -0.012 min
Response: 6189766
Conc: 49.18 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

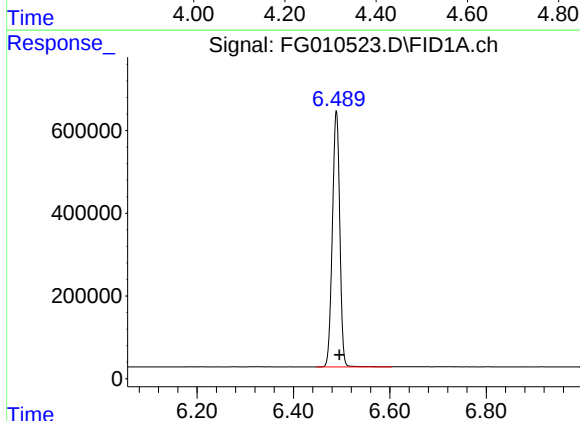
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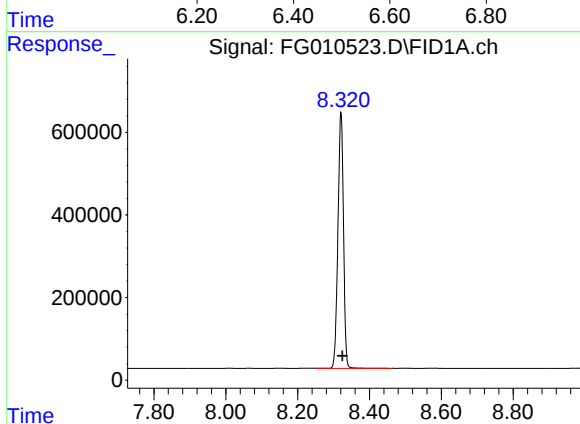
#2 N-DECANE

R.T.: 4.307 min
Delta R.T.: -0.010 min
Response: 6506297
Conc: 50.76 ug/ml



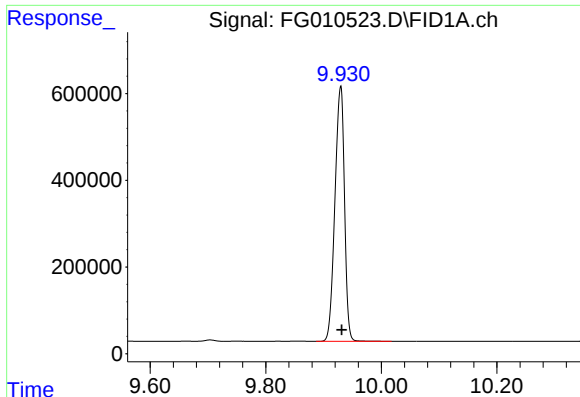
#3 N-DODECANE

R.T.: 6.489 min
Delta R.T.: -0.006 min
Response: 6619082
Conc: 50.29 ug/ml



#4 N-TETRADECANE

R.T.: 8.321 min
Delta R.T.: -0.004 min
Response: 6679879
Conc: 49.35 ug/ml



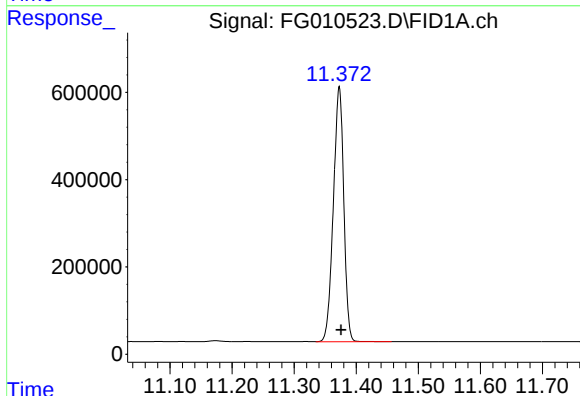
#5 N-HEXADECANE

R.T.: 9.929 min
Delta R.T.: -0.003 min
Response: 6778467
Conc: 48.37 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

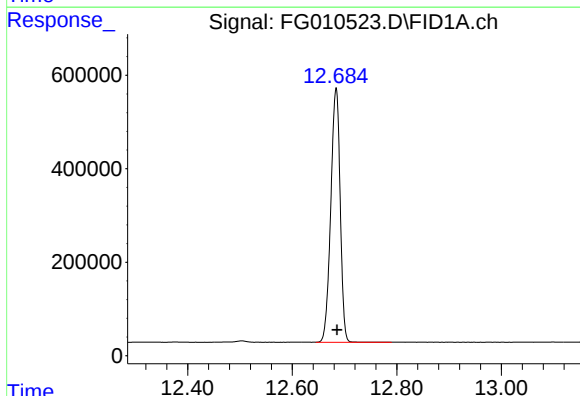
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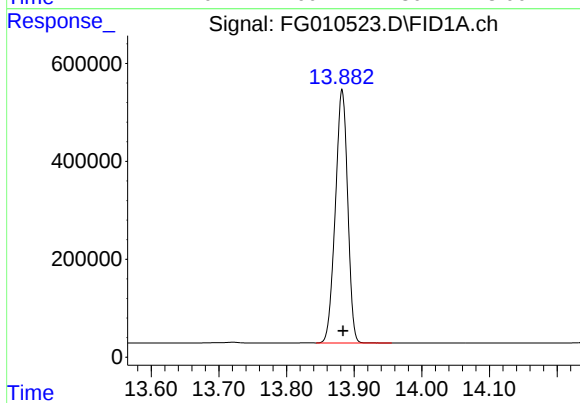
#6 N-OCTADECANE

R.T.: 11.373 min
Delta R.T.: -0.003 min
Response: 6826484
Conc: 47.81 ug/ml



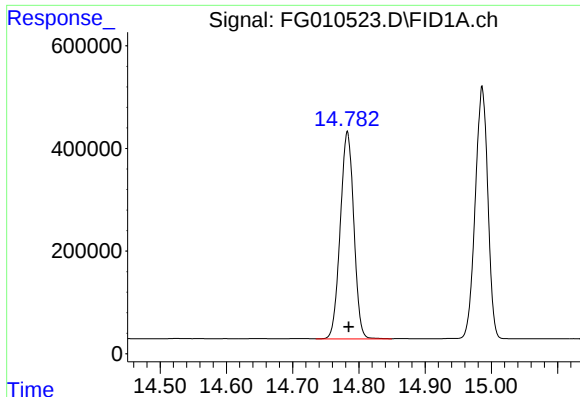
#7 N-EICOSANE

R.T.: 12.684 min
Delta R.T.: -0.002 min
Response: 6768455
Conc: 47.40 ug/ml



#8 N-DOCOSANE

R.T.: 13.882 min
Delta R.T.: -0.001 min
Response: 6567290
Conc: 47.13 ug/ml



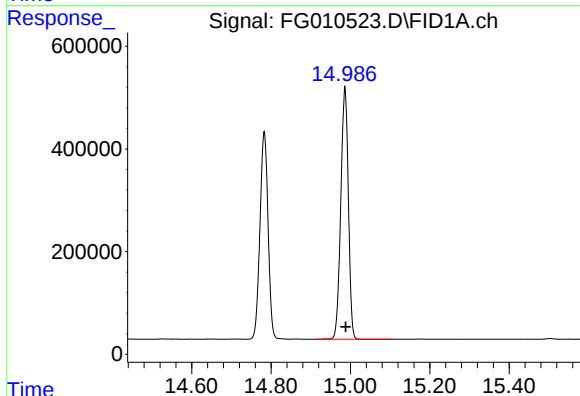
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.783 min
Delta R.T.: -0.002 min
Response: 5738379
Conc: 46.89 ug/ml

Instrument :
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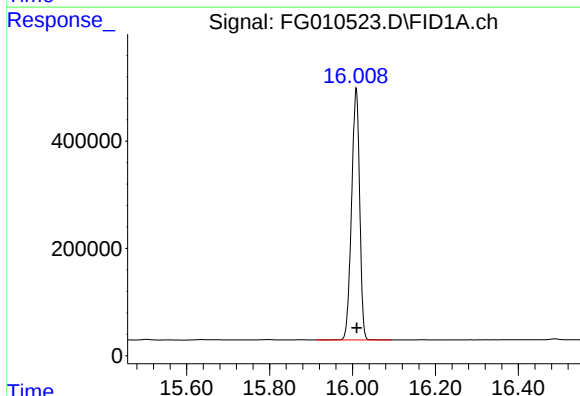
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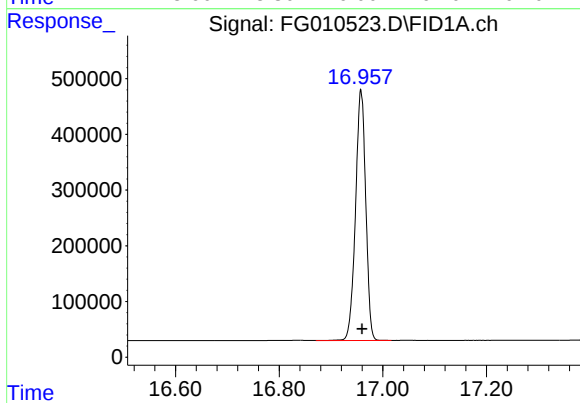
#10 N-TETRACOSANE

R.T.: 14.986 min
Delta R.T.: -0.002 min
Response: 6509412
Conc: 46.98 ug/ml



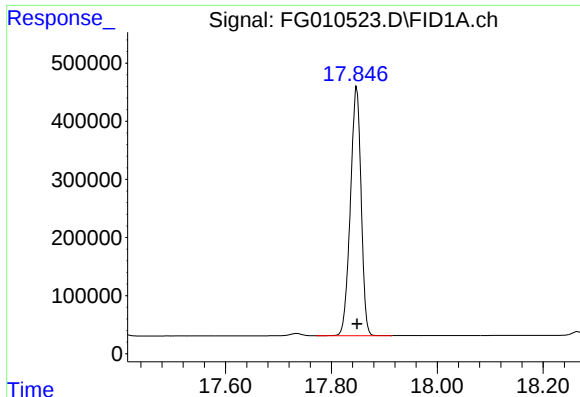
#11 N-HEXACOSANE

R.T.: 16.009 min
Delta R.T.: -0.001 min
Response: 6339180
Conc: 46.73 ug/ml



#12 N-OCTACOSANE

R.T.: 16.958 min
Delta R.T.: -0.002 min
Response: 6159680
Conc: 46.58 ug/ml



#13 N-TRIACONTANE

R.T.: 17.847 min
Delta R.T.: -0.001 min
Response: 6026885
Conc: 46.51 ug/ml

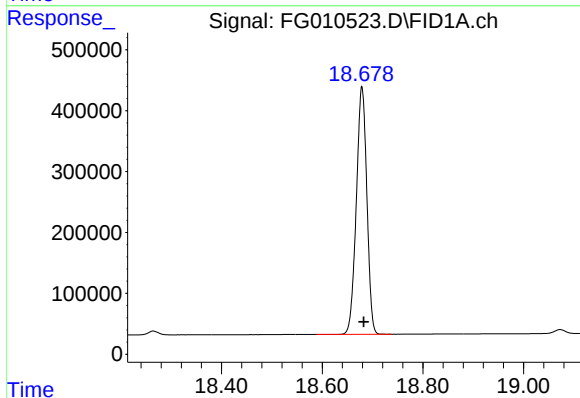
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

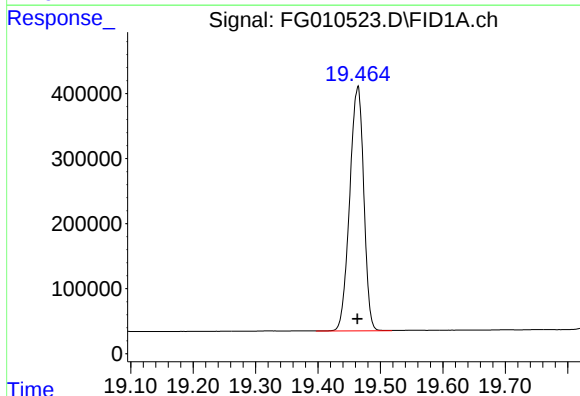
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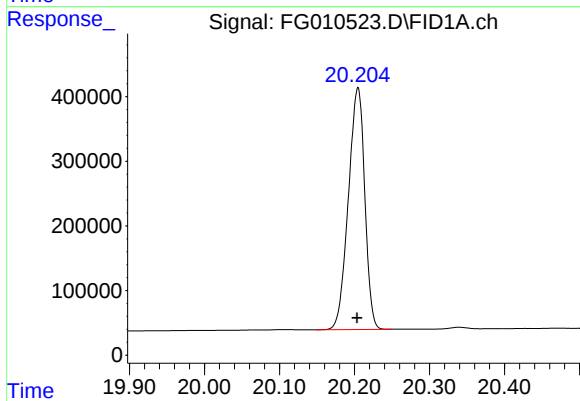
#14 N-DOTRIACONTANE

R.T.: 18.679 min
Delta R.T.: -0.003 min
Response: 5911239
Conc: 46.24 ug/ml



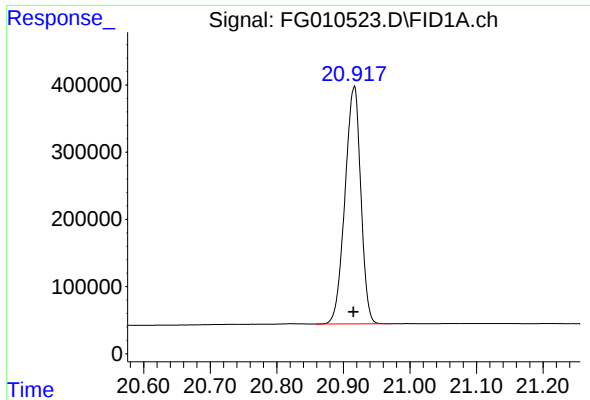
#15 N-TETRATRIACONTANE

R.T.: 19.463 min
Delta R.T.: 0.000 min
Response: 5883284
Conc: 47.56 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.204 min
Delta R.T.: 0.000 min
Response: 5682716
Conc: 48.96 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.917 min
Delta R.T.: 0.001 min
Response: 5843980
Conc: 50.88 ug/ml

Instrument :

FID_G

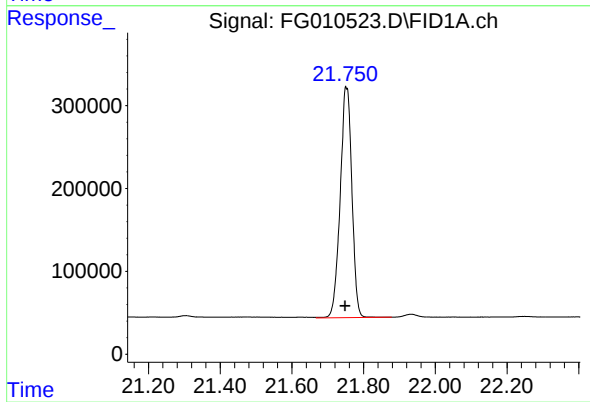
ClientSampleId :

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#18 N-TETRACONTANE

R.T.: 21.752 min
Delta R.T.: 0.003 min
Response: 6301910
Conc: 53.45 ug/ml