

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG040822\
 Data File : FG009561.D
 Signal(s) : FID1A.ch
 Acq On : 08 Apr 2022 15:07
 Operator : AJ\MA
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/09/2022
 Supervised By :mohammad ahmed 04/18/2022

Integration File: Sample.e
 Quant Time: Apr 08 23:46:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG040122.M
 Quant Title :
 QLast Update : Fri Apr 08 10:19:35 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...	14.641	6065687	47.084 ug/mlm
Target Compounds			
1) N-OCTANE	2.232	7492569	51.284 ug/ml
2) N-DECANE	4.330	7700738	51.866 ug/ml
3) N-DODECANE	6.360	7690660	51.029 ug/ml
4) N-TETRADECANE	8.161	7654914	49.974 ug/ml
5) N-HEXADECANE	9.770	7554174	48.952 ug/ml
6) N-OCTADECANE	11.218	7569474	48.110 ug/ml
7) N-EICOSANE	12.534	7185197	47.441 ug/ml
8) N-DOCOSANE	13.738	6948290	47.083 ug/ml
10) N-TETRACOSANE	14.847	6784832	47.329 ug/ml
11) N-HEXACOSANE	15.874	6604215	48.076 ug/ml
12) N-OCTACOSANE	16.828	6474328	49.608 ug/ml
13) N-TRIACONTANE	17.722	6348839	51.416 ug/ml
14) N-DOTRIACONTANE	18.559	6114155	52.673 ug/ml
15) N-TETRATRIACONTANE	19.346	5630321	52.951 ug/mlm
16) N-HEXATRIACONTANE	20.088	5008087	52.888 ug/mlm
17) N-OCTATRIACONTANE	20.832	4581376	53.202 ug/mlm
18) N-TETRACONTANE	21.754	4556878	52.800 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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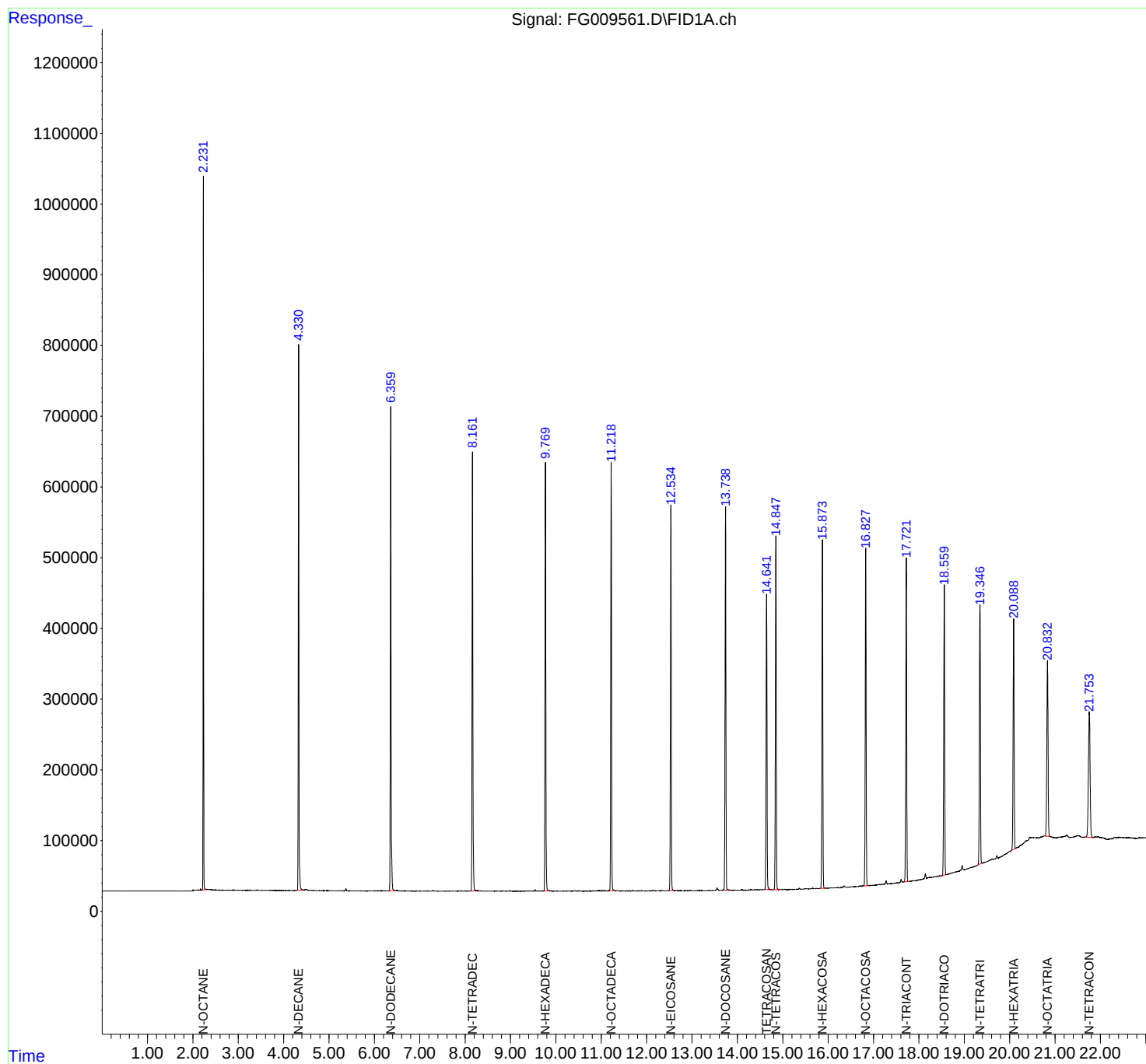
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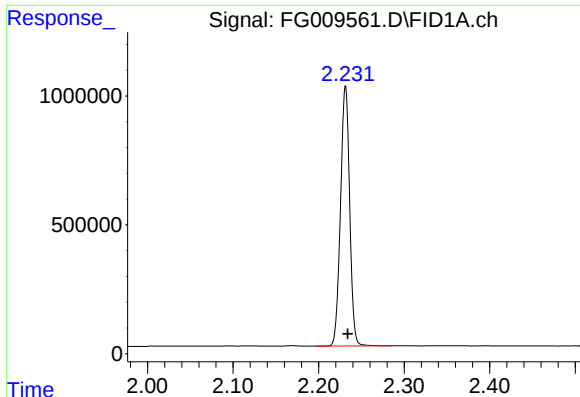
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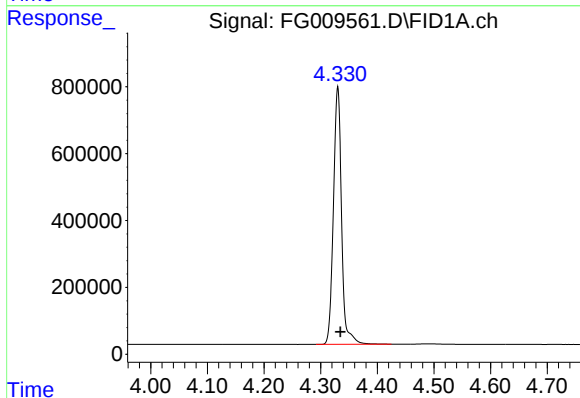
#1 N-OCTANE

R.T.: 2.232 min
Delta R.T.: -0.002 min
Response: 7492569
Conc: 51.28 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

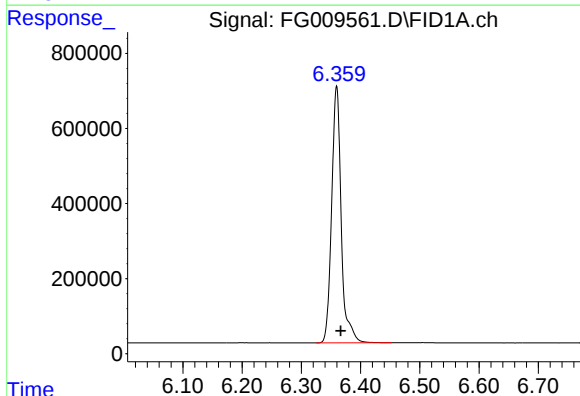
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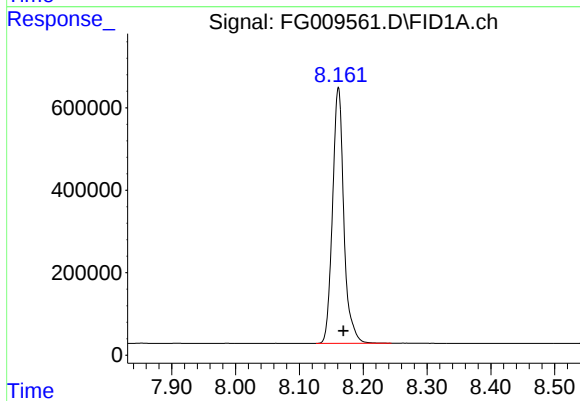
#2 N-DECANE

R.T.: 4.330 min
Delta R.T.: -0.005 min
Response: 7700738
Conc: 51.87 ug/ml



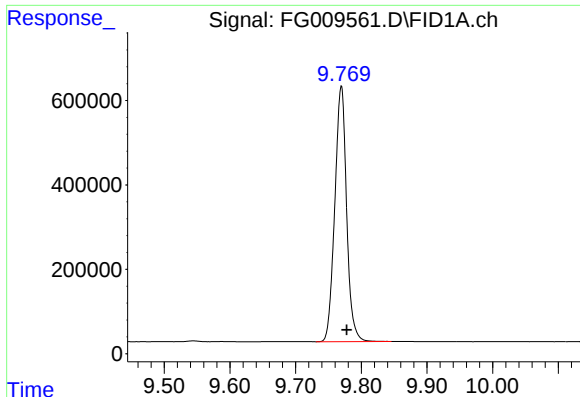
#3 N-DODECANE

R.T.: 6.360 min
Delta R.T.: -0.007 min
Response: 7690660
Conc: 51.03 ug/ml



#4 N-TETRADECANE

R.T.: 8.161 min
Delta R.T.: -0.007 min
Response: 7654914
Conc: 49.97 ug/ml



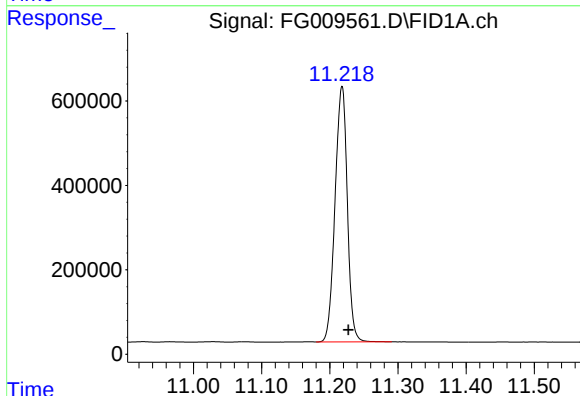
#5 N-HEXADECANE

R.T.: 9.770 min
Delta R.T.: -0.008 min
Response: 7554174
Conc: 48.95 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

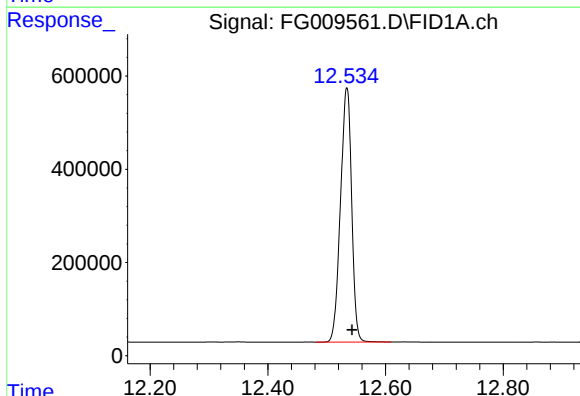
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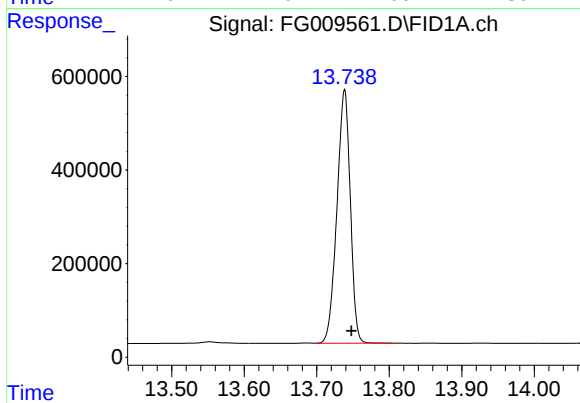
#6 N-OCTADECANE

R.T.: 11.218 min
Delta R.T.: -0.009 min
Response: 7569474
Conc: 48.11 ug/ml



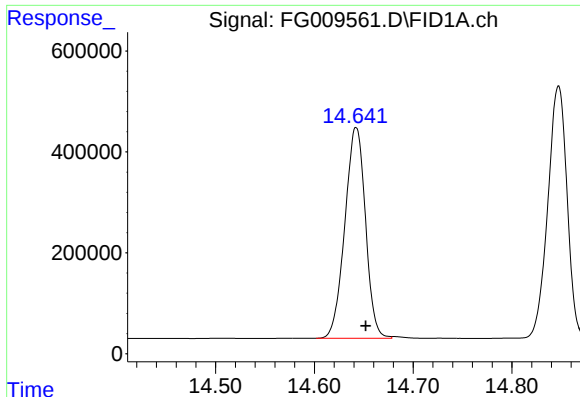
#7 N-EICOSANE

R.T.: 12.534 min
Delta R.T.: -0.009 min
Response: 7185197
Conc: 47.44 ug/ml



#8 N-DOCOSANE

R.T.: 13.738 min
Delta R.T.: -0.009 min
Response: 6948290
Conc: 47.08 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.641 min
Delta R.T.: -0.011 min
Response: 6065687
Conc: 47.08 ug/ml

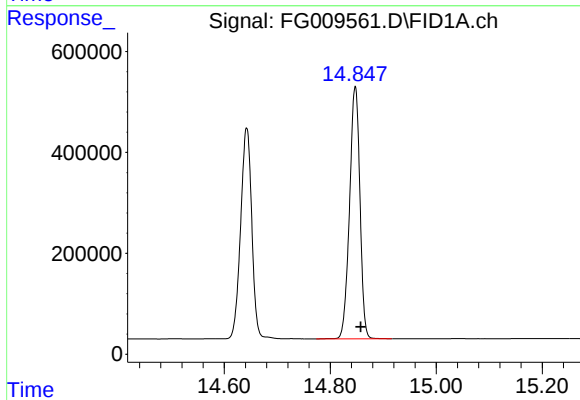
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

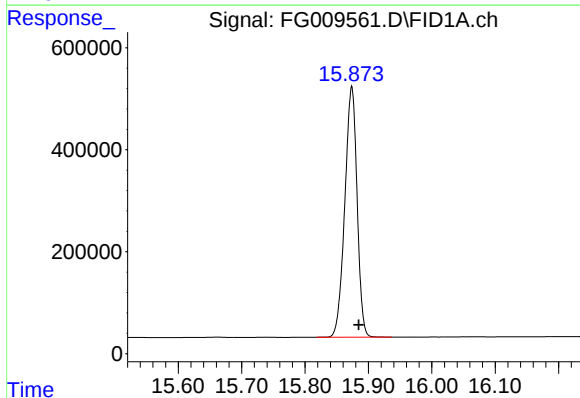
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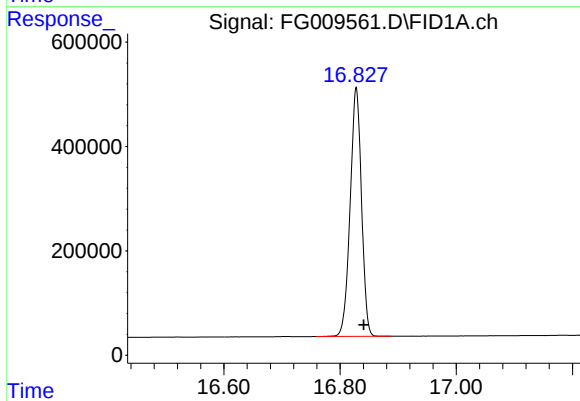
#10 N-TETRACOSANE

R.T.: 14.847 min
Delta R.T.: -0.010 min
Response: 6784832
Conc: 47.33 ug/ml



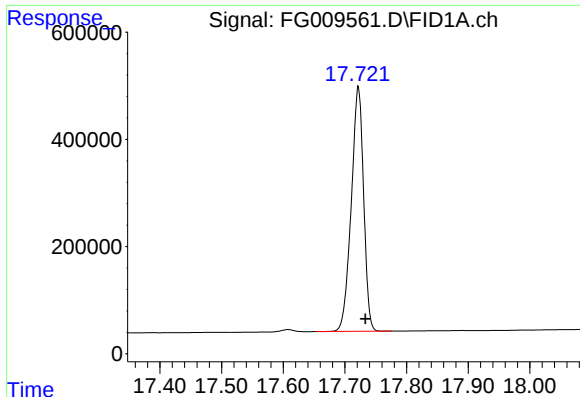
#11 N-HEXACOSANE

R.T.: 15.874 min
Delta R.T.: -0.011 min
Response: 6604215
Conc: 48.08 ug/ml



#12 N-OCTACOSANE

R.T.: 16.828 min
Delta R.T.: -0.013 min
Response: 6474328
Conc: 49.61 ug/ml



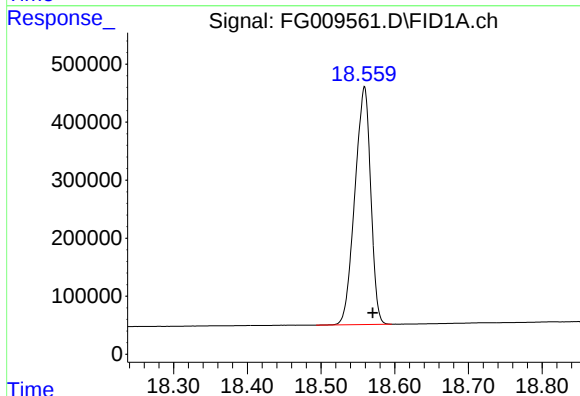
#13 N-TRIACONTANE

R.T.: 17.722 min
Delta R.T.: -0.011 min
Response: 6348839
Conc: 51.42 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

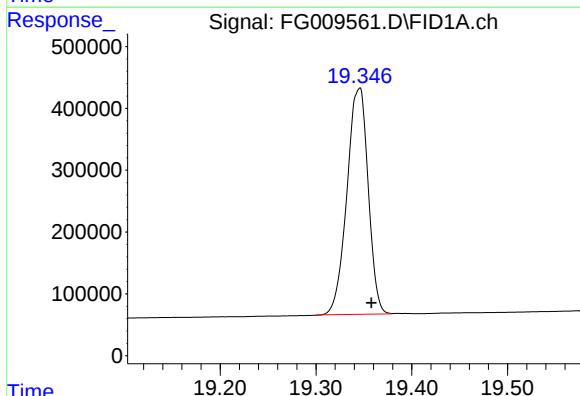
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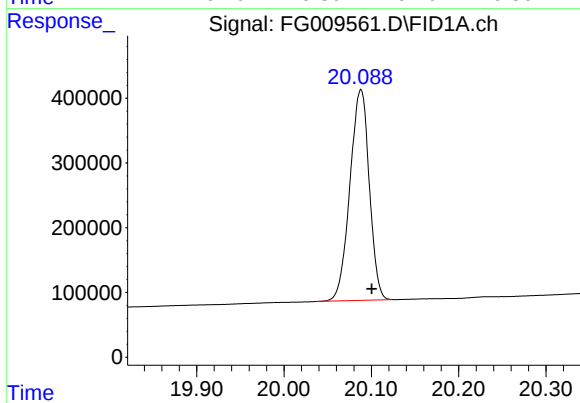
#14 N-DOTRIACONTANE

R.T.: 18.559 min
Delta R.T.: -0.011 min
Response: 6114155
Conc: 52.67 ug/ml



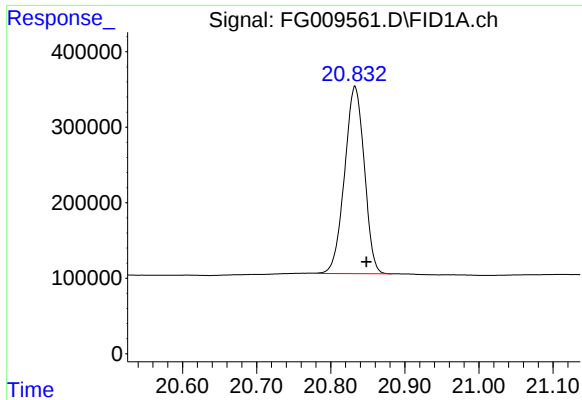
#15 N-TETRATRIACONTANE

R.T.: 19.346 min
Delta R.T.: -0.012 min
Response: 5630321
Conc: 52.95 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.088 min
Delta R.T.: -0.013 min
Response: 5008087
Conc: 52.89 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.832 min
Delta R.T.: -0.016 min
Response: 4581376
Conc: 53.20 ug/ml

Instrument :

FID_G

ClientSampleId :

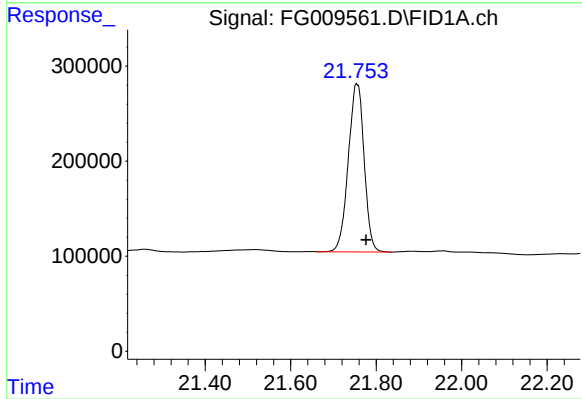
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#18 N-TETRACONTANE

R.T.: 21.754 min
Delta R.T.: -0.023 min
Response: 4556878
Conc: 52.80 ug/ml