

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG040522\
 Data File : FG009521.D
 Signal(s) : FID1A.ch
 Acq On : 05 Apr 2022 13:13
 Operator : AJ\MA
 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 04/06/2022
 Supervised By :mohammad ahmed 04/06/2022

Integration File: Sample.e
 Quant Time: Apr 06 02:08:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG040122.M
 Quant Title :
 QLast Update : Fri Apr 01 13:54:05 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...	14.633	6925620	53.760 ug/ml
Target Compounds			
1) N-OCTANE	2.230	7902464	54.090 ug/ml
2) N-DECANE	4.328	8339714	56.169 ug/ml
3) N-DODECANE	6.357	8446314	56.043 ug/ml
4) N-TETRADECANE	8.157	8551661	55.828 ug/ml
5) N-HEXADECANE	9.764	8557230	55.452 ug/ml
6) N-OCTADECANE	11.212	8664307	55.068 ug/ml
7) N-EICOSANE	12.526	8267917	54.589 ug/ml
8) N-DOCOSANE	13.730	7988173	54.129 ug/ml
10) N-TETRACOSANE	14.836	7715521	53.821 ug/ml
11) N-HEXACOSANE	15.863	7324462	53.319 ug/ml
12) N-OCTACOSANE	16.818	6969868	53.405 ug/ml
13) N-TRIACONTANE	17.710	6658947	53.927 ug/ml
14) N-DOTRIACONTANE	18.544	6334629	54.572 ug/ml
15) N-TETRATRIACONTANE	19.331	5844780	54.968 ug/ml
16) N-HEXATRIACONTANE	20.071	5141140	54.293 ug/mlm
17) N-OCTATRIACONTANE	20.816	4697259	54.548 ug/ml
18) N-TETRACONTANE	21.726	4681055	54.238 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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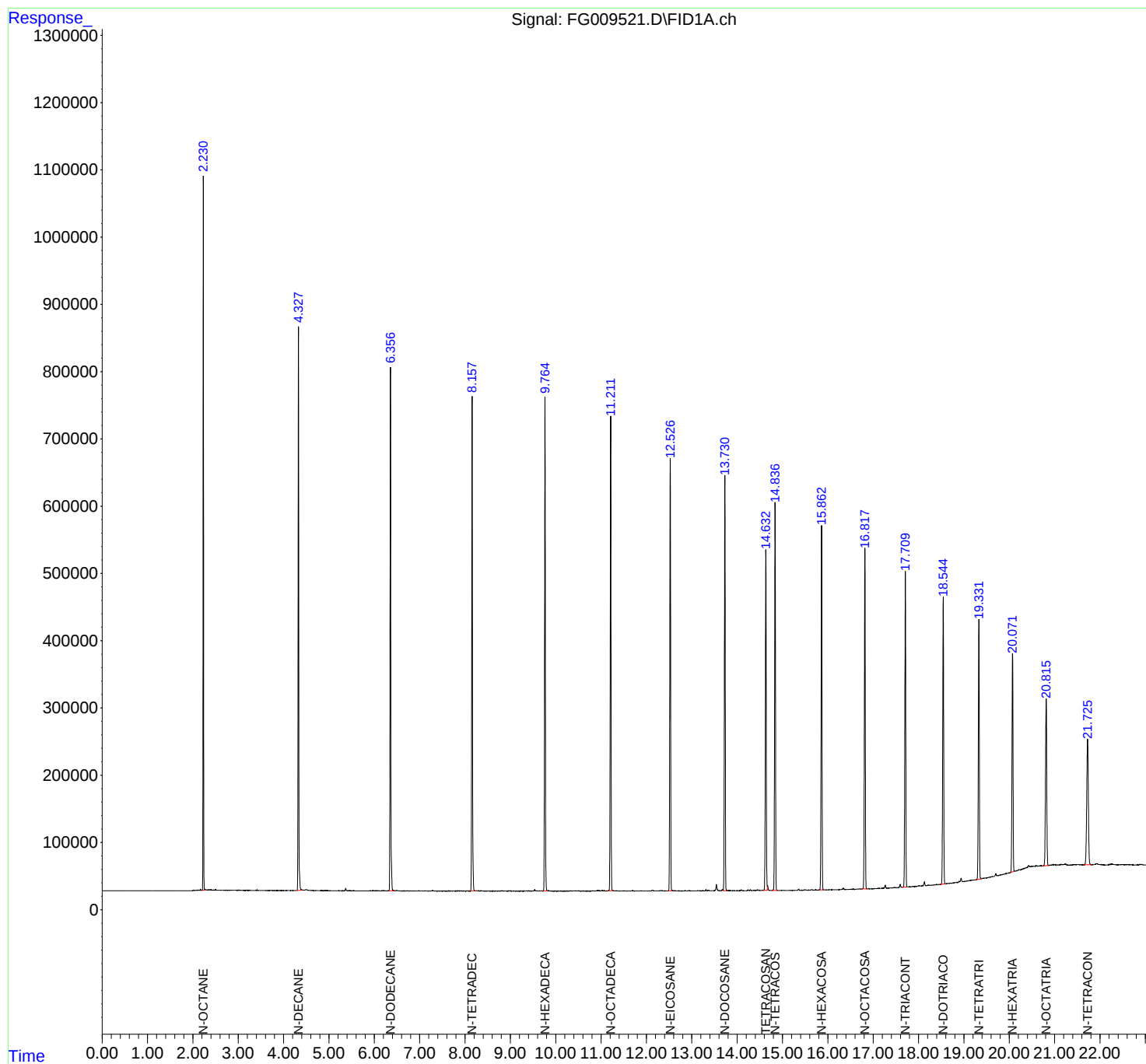
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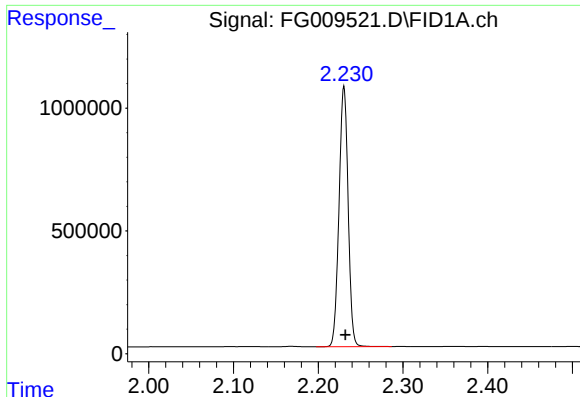
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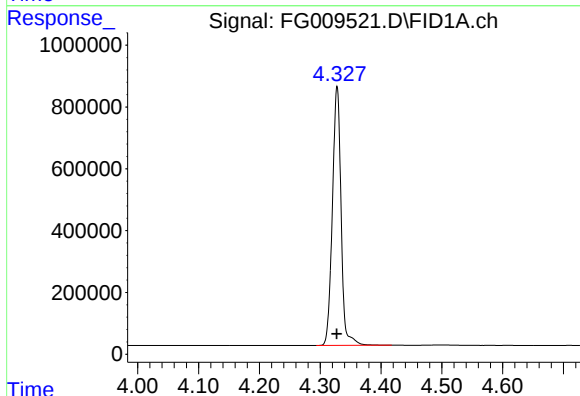
#1 N-OCTANE

R.T.: 2.230 min
Delta R.T.: -0.002 min
Response: 7902464
Conc: 54.09 ug/ml

Instrument :
FID_G
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50 PPM TRPH STD

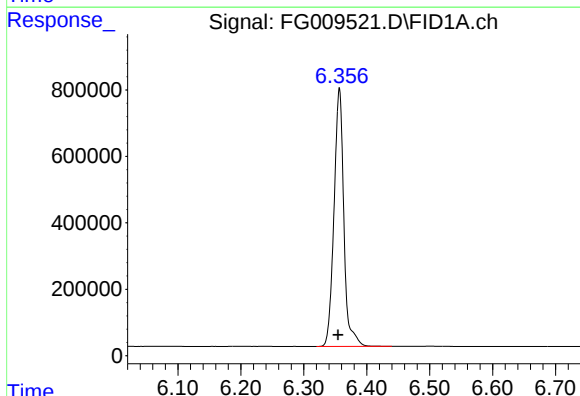
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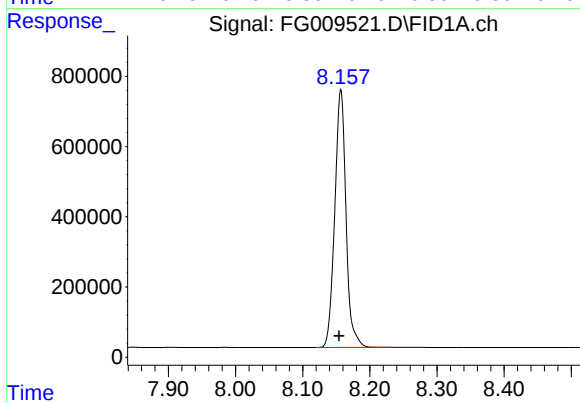
#2 N-DECANE

R.T.: 4.328 min
Delta R.T.: 0.000 min
Response: 8339714
Conc: 56.17 ug/ml



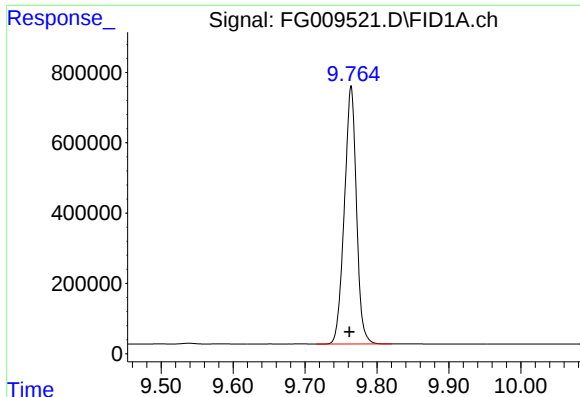
#3 N-DODECANE

R.T.: 6.357 min
Delta R.T.: 0.002 min
Response: 8446314
Conc: 56.04 ug/ml



#4 N-TETRADECANE

R.T.: 8.157 min
Delta R.T.: 0.003 min
Response: 8551661
Conc: 55.83 ug/ml



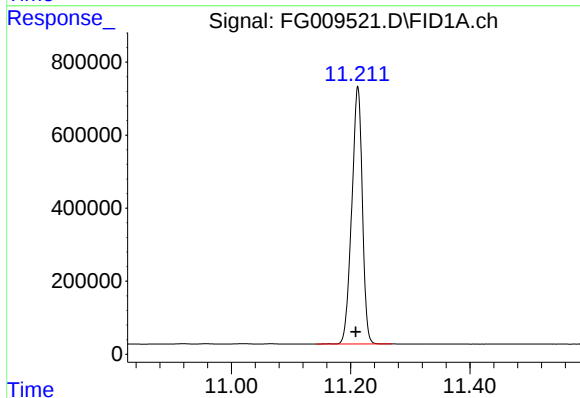
#5 N-HEXADECANE

R.T.: 9.764 min
Delta R.T.: 0.003 min
Response: 8557230
Conc: 55.45 ug/ml

Instrument :
FID_G
ClientSampleId :
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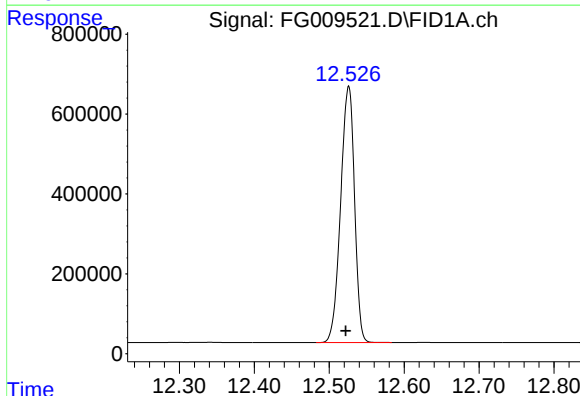
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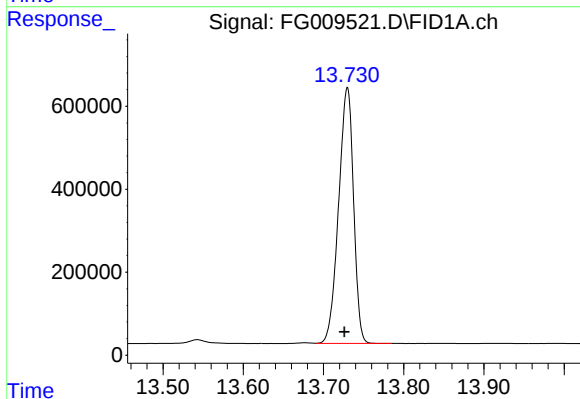
#6 N-OCTADECANE

R.T.: 11.212 min
Delta R.T.: 0.004 min
Response: 8664307
Conc: 55.07 ug/ml



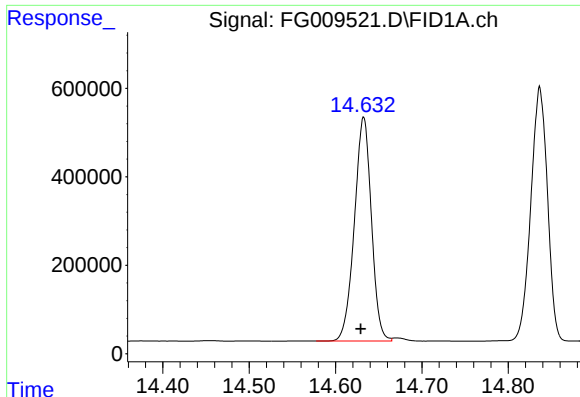
#7 N-EICOSANE

R.T.: 12.526 min
Delta R.T.: 0.004 min
Response: 8267917
Conc: 54.59 ug/ml



#8 N-DOCOSANE

R.T.: 13.730 min
Delta R.T.: 0.004 min
Response: 7988173
Conc: 54.13 ug/ml



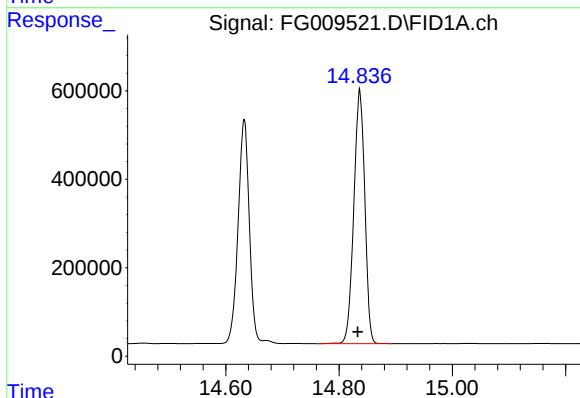
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.633 min
Delta R.T.: 0.004 min
Response: 6925620
Conc: 53.76 ug/ml

Instrument :
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50 PPM TRPH STD

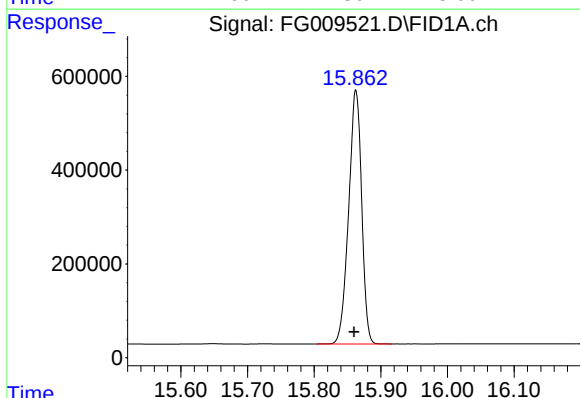
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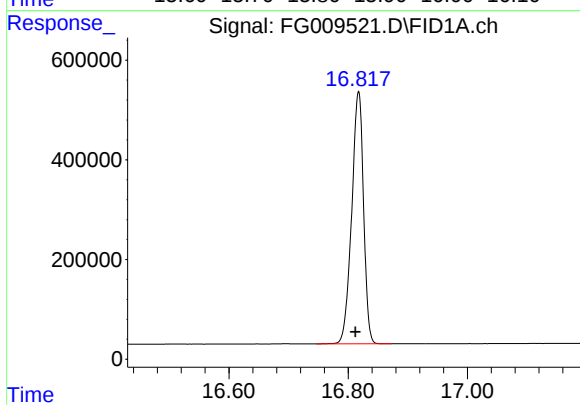
#10 N-TETRACOSANE

R.T.: 14.836 min
Delta R.T.: 0.003 min
Response: 7715521
Conc: 53.82 ug/ml



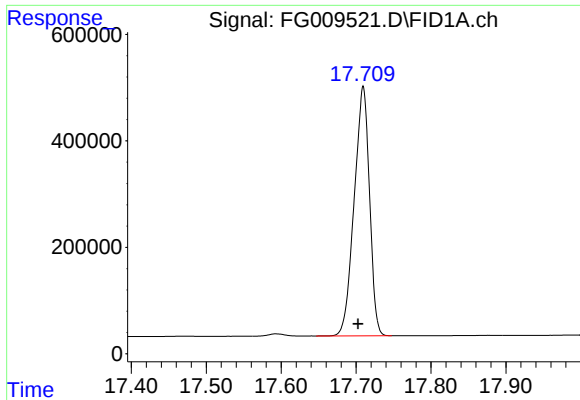
#11 N-HEXACOSANE

R.T.: 15.863 min
Delta R.T.: 0.003 min
Response: 7324462
Conc: 53.32 ug/ml



#12 N-OCTACOSANE

R.T.: 16.818 min
Delta R.T.: 0.005 min
Response: 6969868
Conc: 53.40 ug/ml



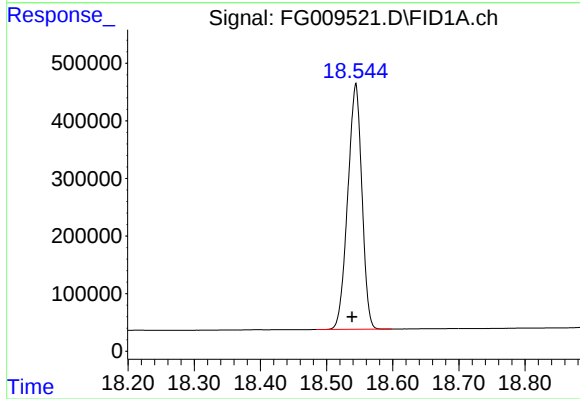
#13 N-TRIACONTANE

R.T.: 17.710 min
Delta R.T.: 0.007 min
Response: 6658947
Conc: 53.93 ug/ml

Instrument :
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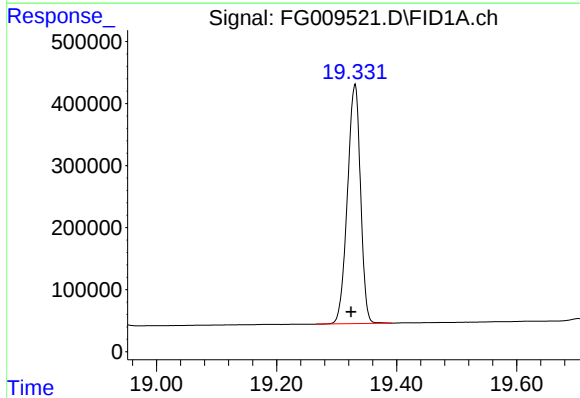
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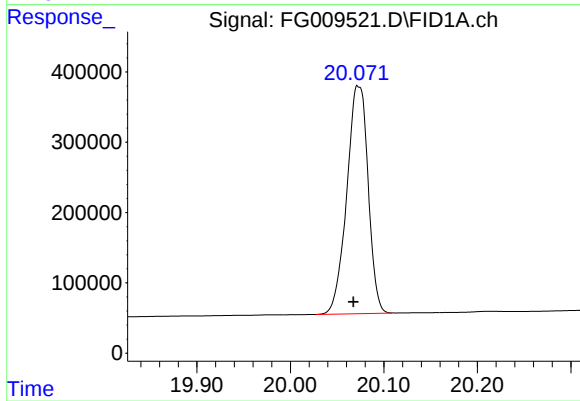
#14 N-DOTRIACONTANE

R.T.: 18.544 min
Delta R.T.: 0.005 min
Response: 6334629
Conc: 54.57 ug/ml



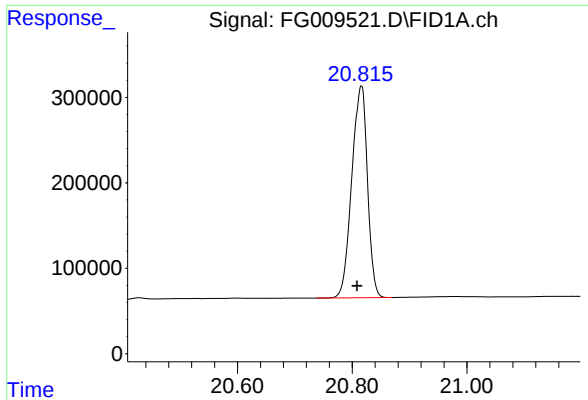
#15 N-TETRATRIACONTANE

R.T.: 19.331 min
Delta R.T.: 0.007 min
Response: 5844780
Conc: 54.97 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.071 min
Delta R.T.: 0.004 min
Response: 5141140
Conc: 54.29 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.816 min
Delta R.T.: 0.008 min
Response: 4697259
Conc: 54.55 ug/ml

Instrument :

FID_G

ClientSampleId :

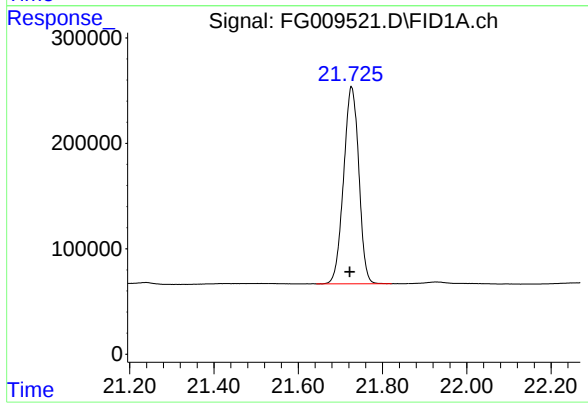
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#18 N-TETRACONTANE

R.T.: 21.726 min
Delta R.T.: 0.004 min
Response: 4681055
Conc: 54.24 ug/ml