

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062822\
 Data File : FG010026.D
 Signal(s) : FID1A.ch
 Acq On : 28 Jun 2022 18:37
 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 06/29/2022
 Supervised By :Ankita Jodhani 06/29/2022

Integration File: Sample.e
 Quant Time: Jun 29 01:28:29 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG060122.M
 Quant Title :
 QLast Update : Wed Jun 01 13:06:30 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...	14.818	5399616	51.300 ug/mlm
Target Compounds			
1) N-OCTANE	1.833	5497360	43.871 ug/ml
2) N-DECANE	4.342	6089980	48.223 ug/ml
3) N-DODECANE	6.521	6188517	49.054 ug/ml
4) N-TETRADECANE	8.352	6312269	49.678 ug/ml
5) N-HEXADECANE	9.960	6373052	50.528 ug/ml
6) N-OCTADECANE	11.404	6415875	50.834 ug/ml
7) N-EICOSANE	12.716	6286936	51.405 ug/ml
8) N-DOCOSANE	13.917	6157216	51.063 ug/ml
10) N-TETRACOSANE	15.022	5983071	51.050 ug/ml
11) N-HEXACOSANE	16.045	5812661	51.237 ug/ml
12) N-OCTACOSANE	16.996	5632257	49.219 ug/ml
13) N-TRIACONTANE	17.885	5553536	51.575 ug/ml
14) N-DOTRIACONTANE	18.719	5293366	50.289 ug/ml
15) N-TETRATRIACONTANE	19.503	4835398	50.360 ug/ml
16) N-HEXATRIACONTANE	20.245	4129400	51.096 ug/ml
17) N-OCTATRIACONTANE	20.961	3730596	51.947 ug/ml
18) N-TETRACONTANE	21.812	3925990	55.908 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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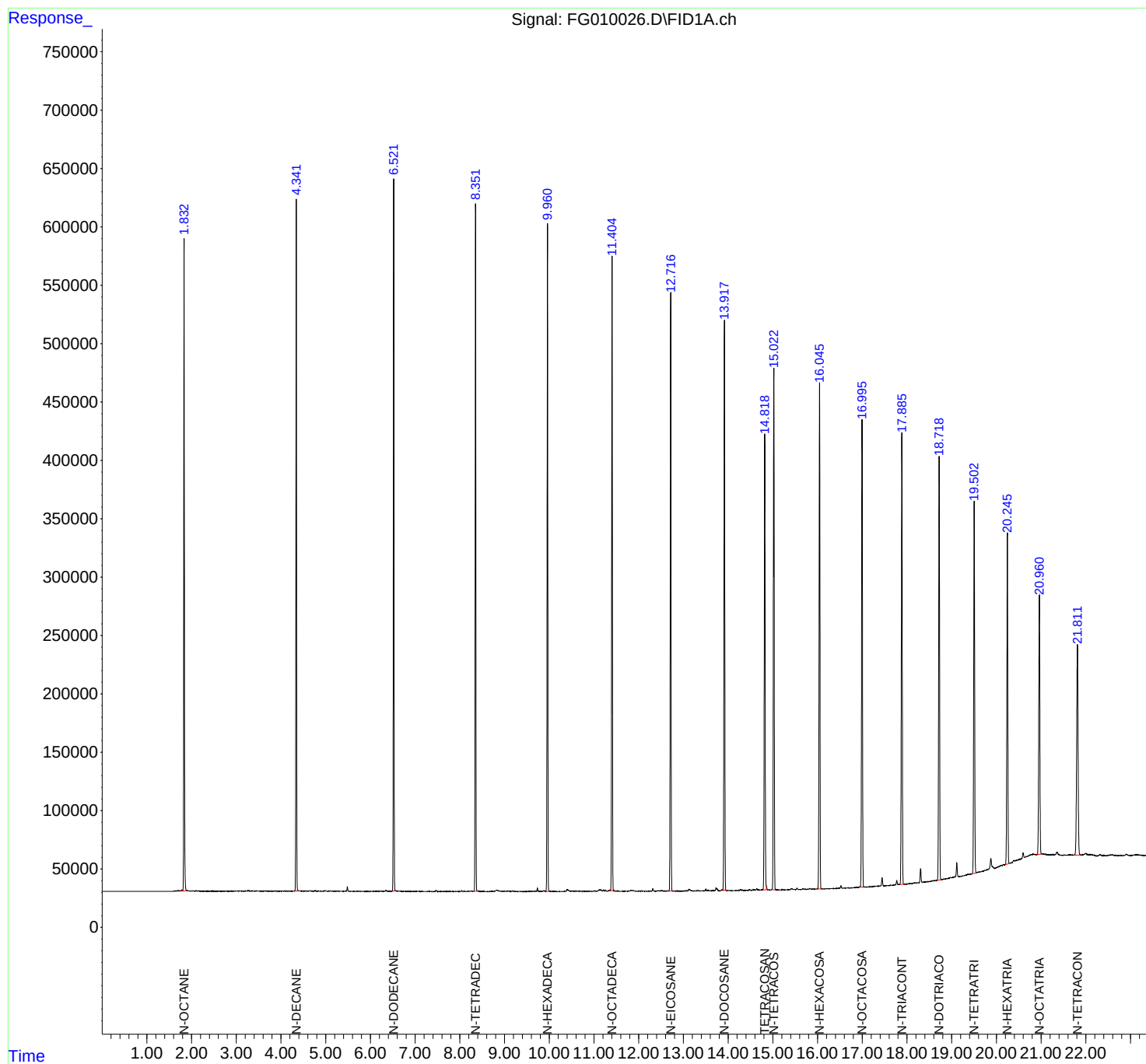
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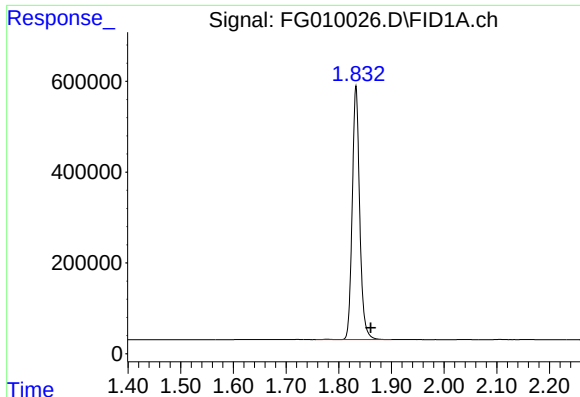
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#1 N-OCTANE

R.T.: 1.833 min
Delta R.T.: -0.028 min
Response: 5497360
Conc: 43.87 ug/ml

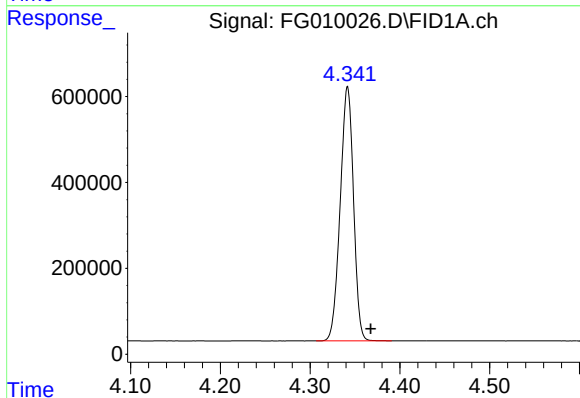
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

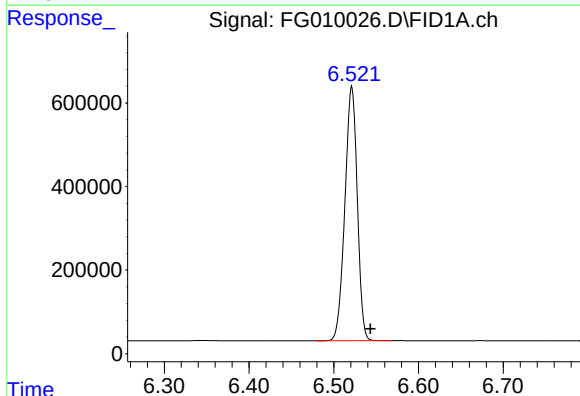
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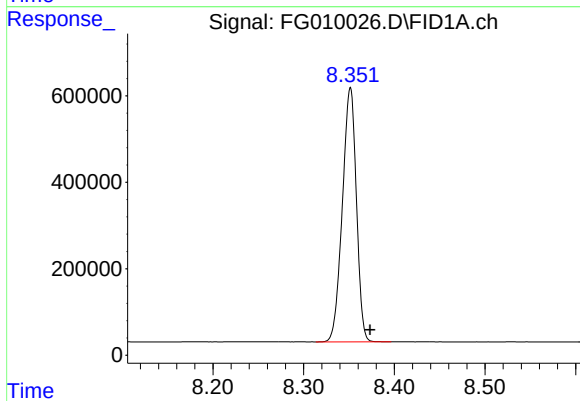
#2 N-DECANE

R.T.: 4.342 min
Delta R.T.: -0.026 min
Response: 6089980
Conc: 48.22 ug/ml



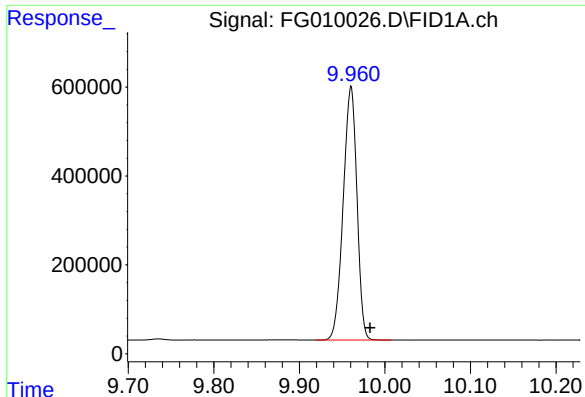
#3 N-DODECANE

R.T.: 6.521 min
Delta R.T.: -0.022 min
Response: 6188517
Conc: 49.05 ug/ml



#4 N-TETRADECANE

R.T.: 8.352 min
Delta R.T.: -0.022 min
Response: 6312269
Conc: 49.68 ug/ml



#5 N-HEXADECANE

R.T.: 9.960 min
Delta R.T.: -0.022 min
Response: 6373052
Conc: 50.53 ug/ml

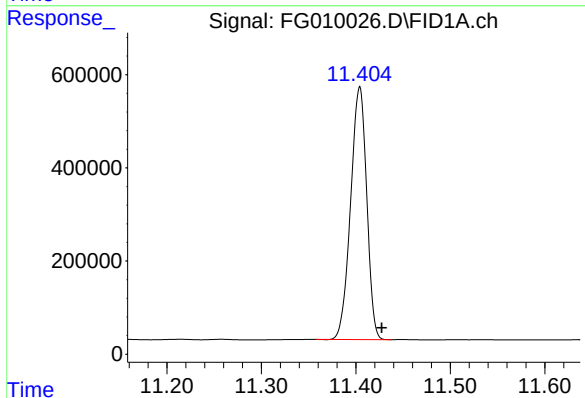
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

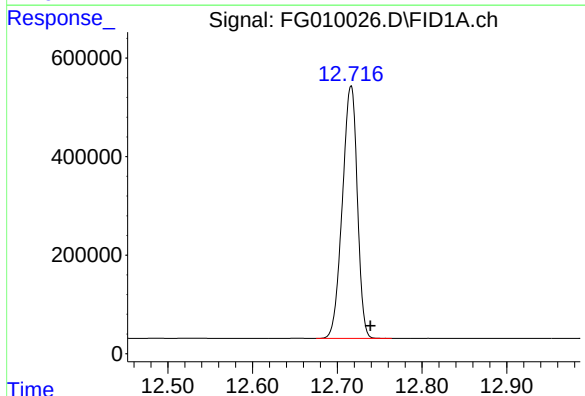
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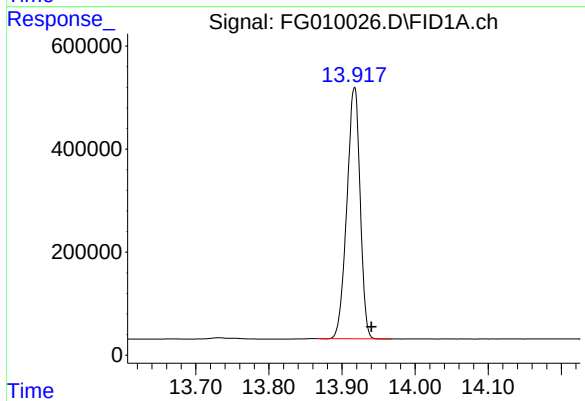
#6 N-OCTADECANE

R.T.: 11.404 min
Delta R.T.: -0.023 min
Response: 6415875
Conc: 50.83 ug/ml



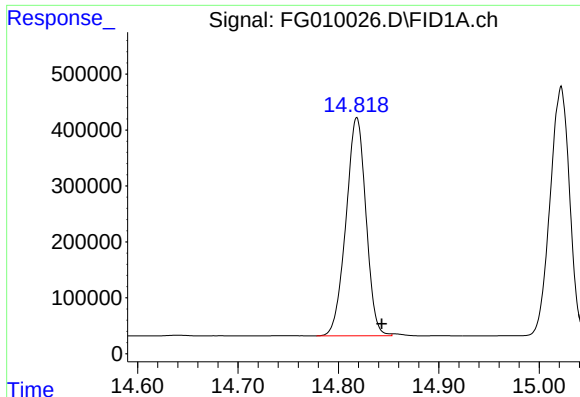
#7 N-EICOSANE

R.T.: 12.716 min
Delta R.T.: -0.023 min
Response: 6286936
Conc: 51.40 ug/ml



#8 N-DOCOSANE

R.T.: 13.917 min
Delta R.T.: -0.023 min
Response: 6157216
Conc: 51.06 ug/ml



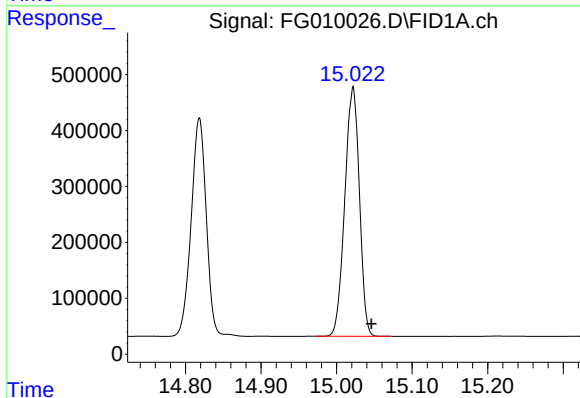
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.818 min
Delta R.T.: -0.025 min
Response: 5399616
Conc: 51.30 ug/ml

Instrument :
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50 PPM TRPH STD

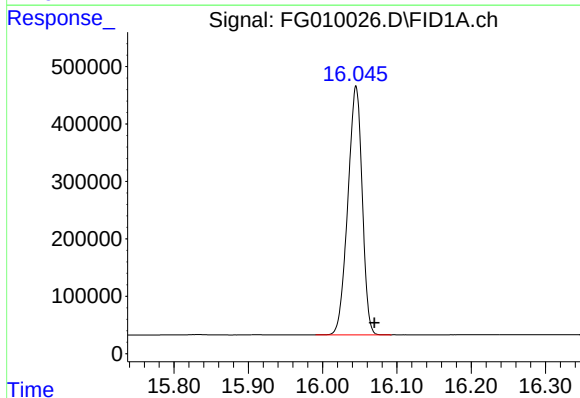
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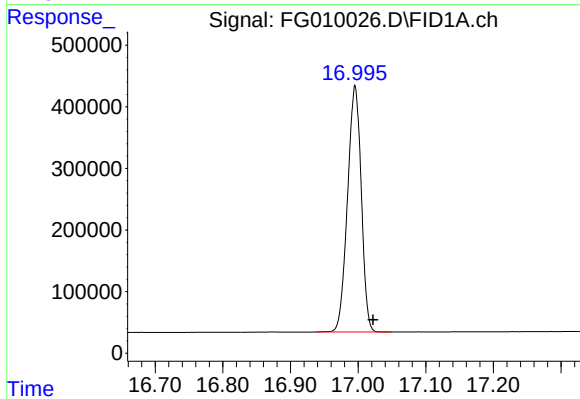
#10 N-TETRACOSANE

R.T.: 15.022 min
Delta R.T.: -0.024 min
Response: 5983071
Conc: 51.05 ug/ml



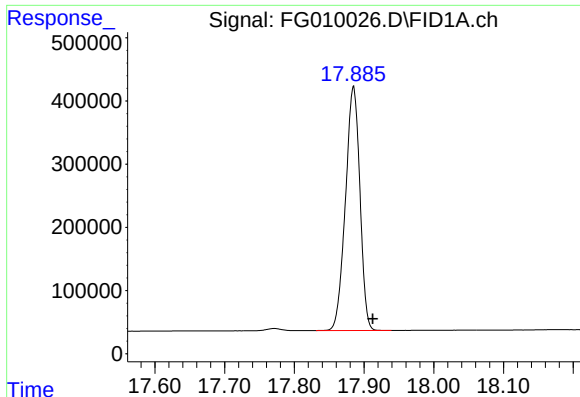
#11 N-HEXACOSANE

R.T.: 16.045 min
Delta R.T.: -0.025 min
Response: 5812661
Conc: 51.24 ug/ml



#12 N-OCTACOSANE

R.T.: 16.996 min
Delta R.T.: -0.027 min
Response: 5632257
Conc: 49.22 ug/ml



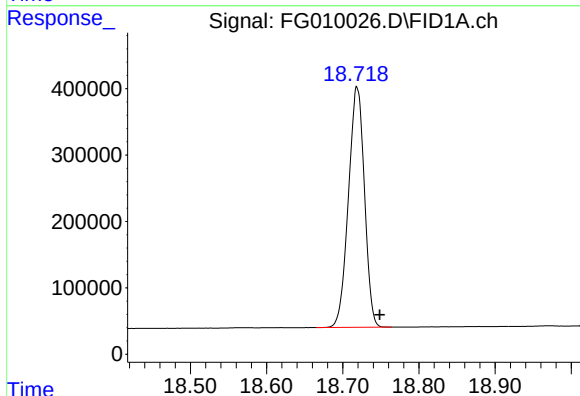
#13 N-TRIACONTANE

R.T.: 17.885 min
Delta R.T.: -0.028 min
Response: 5553536
Conc: 51.57 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

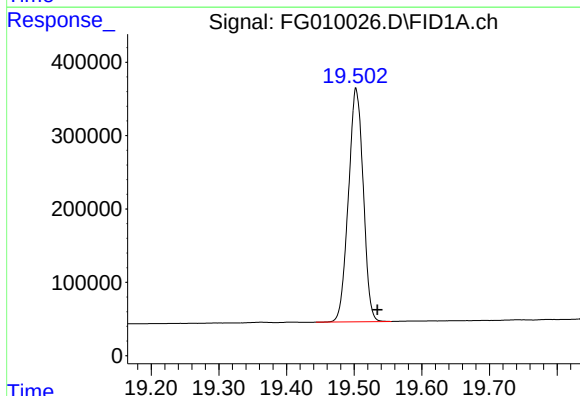
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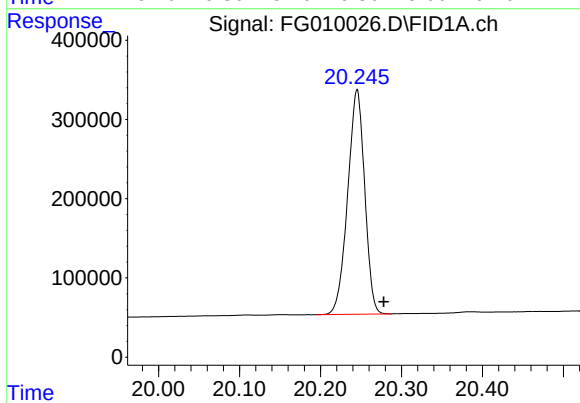
#14 N-DOTRIACONTANE

R.T.: 18.719 min
Delta R.T.: -0.030 min
Response: 5293366
Conc: 50.29 ug/ml



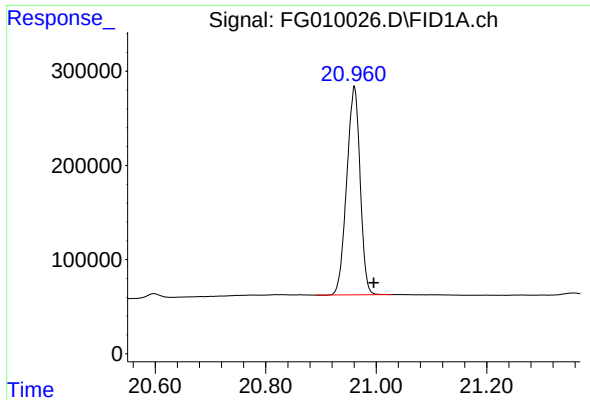
#15 N-TETRATRIACONTANE

R.T.: 19.503 min
Delta R.T.: -0.031 min
Response: 4835398
Conc: 50.36 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.245 min
Delta R.T.: -0.033 min
Response: 4129400
Conc: 51.10 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.961 min
Delta R.T.: -0.035 min
Response: 3730596
Conc: 51.95 ug/ml

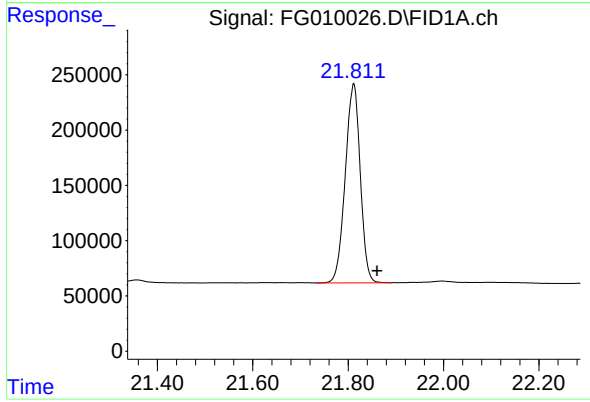
Instrument :

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#18 N-TETRACONTANE

R.T.: 21.812 min
Delta R.T.: -0.049 min
Response: 3925990
Conc: 55.91 ug/ml