

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112321\
 Data File : FG009090.D
 Signal(s) : FID1A.ch
 Acq On : 23 Nov 2021 11:06
 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 :Ankita Jodhani 11/24/2021
 Supervised By :mohammad ahmed 11/24/2021

Integration File: autoint1.e
 Quant Time: Nov 24 01:01:45 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG112321.M
 Quant Title :
 QLast Update : Wed Nov 24 00:59:46 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...	14.763	4618531	39.602 ug/ml
Target Compounds			
1) N-OCTANE	2.335	6281034	42.911 ug/ml
2) N-DECANE	4.442	6266873	42.309 ug/ml
3) N-DODECANE	6.472	6199191	41.879 ug/ml
4) N-TETRADECANE	8.277	6082255	42.037 ug/ml
5) N-HEXADECANE	9.885	5907743	41.782 ug/ml
6) N-OCTADECANE	11.336	5879006	40.542 ug/ml
7) N-EICOSANE	12.653	5709768	39.911 ug/ml
8) N-DOCOSANE	13.858	5421519	39.513 ug/ml
10) N-TETRACOSANE	14.967	5259847	39.966 ug/ml
11) N-HEXACOSANE	15.994	5113330	41.736 ug/ml
12) N-OCTACOSANE	16.951	5055774	44.342 ug/ml
13) N-TRIACONTANE	17.843	5037217	46.565 ug/ml
14) N-DOTRIACONTANE	18.679	5034413	48.966 ug/ml
15) N-TETRATRIACONTANE	19.467	4910462	49.650 ug/ml
16) N-HEXATRIACONTANE	20.211	4576367	48.696 ug/ml
17) N-OCTATRIACONTANE	20.971	4653901	50.186 ug/mlm
18) N-TETRACONTANE	21.923	4759903	48.367 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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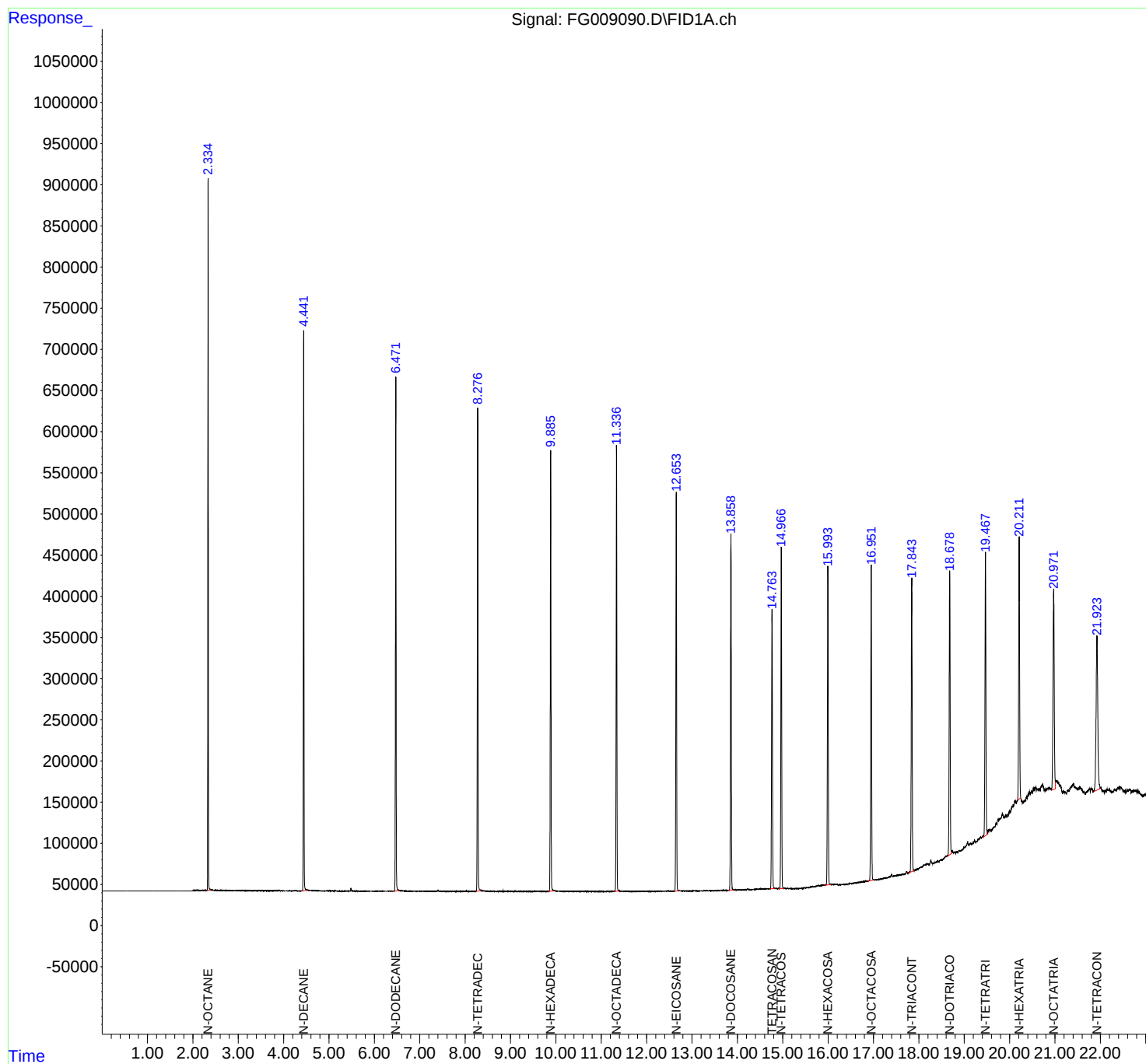
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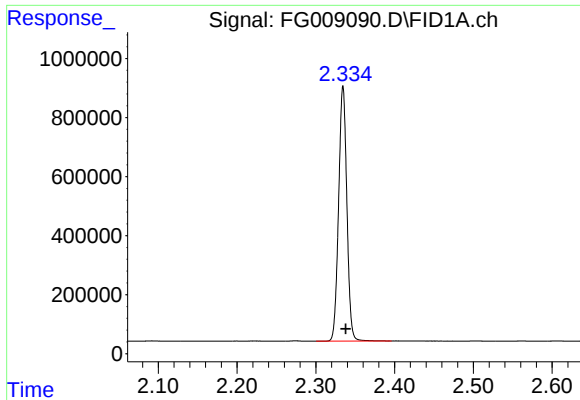
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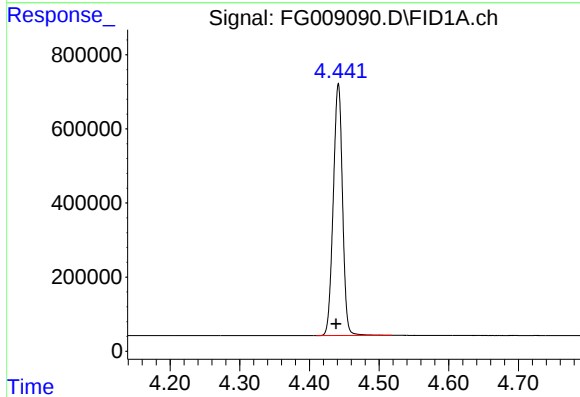
#1 N-OCTANE

R.T.: 2.335 min
Delta R.T.: -0.003 min
Response: 6281034
Conc: 42.91 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

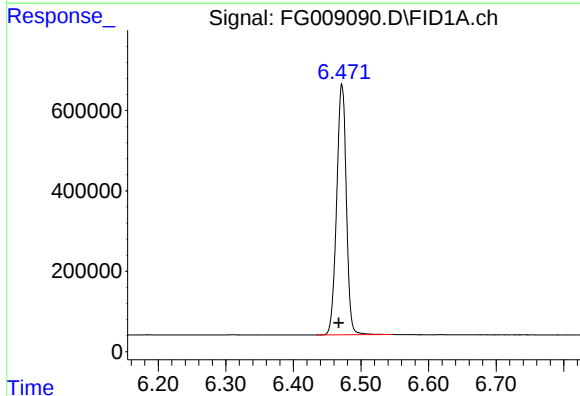
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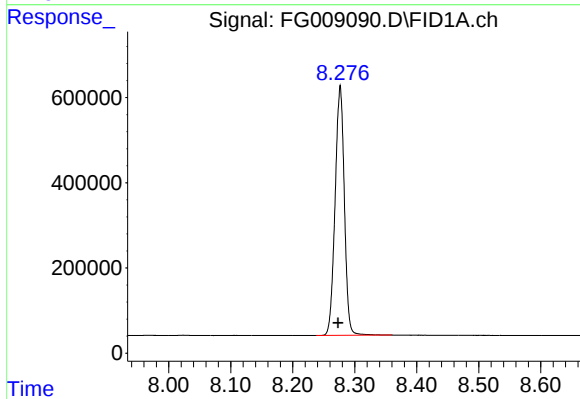
#2 N-DECANE

R.T.: 4.442 min
Delta R.T.: 0.004 min
Response: 6266873
Conc: 42.31 ug/ml



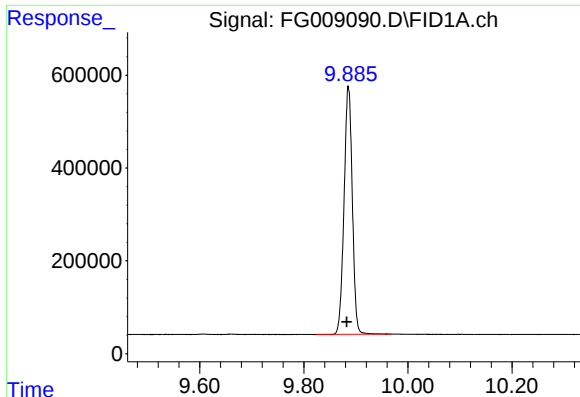
#3 N-DODECANE

R.T.: 6.472 min
Delta R.T.: 0.005 min
Response: 6199191
Conc: 41.88 ug/ml



#4 N-TETRADECANE

R.T.: 8.277 min
Delta R.T.: 0.004 min
Response: 6082255
Conc: 42.04 ug/ml



#5 N-HEXADECANE

R.T.: 9.885 min
Delta R.T.: 0.003 min
Response: 5907743
Conc: 41.78 ug/ml

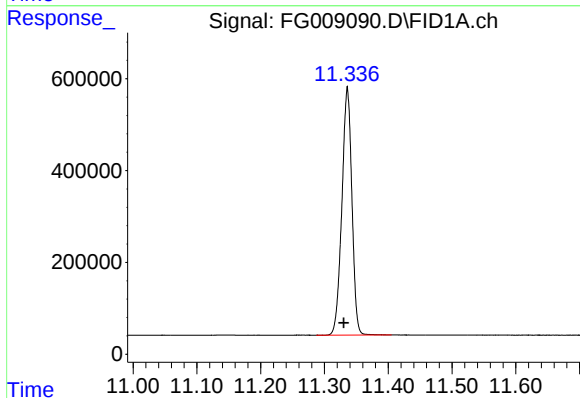
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

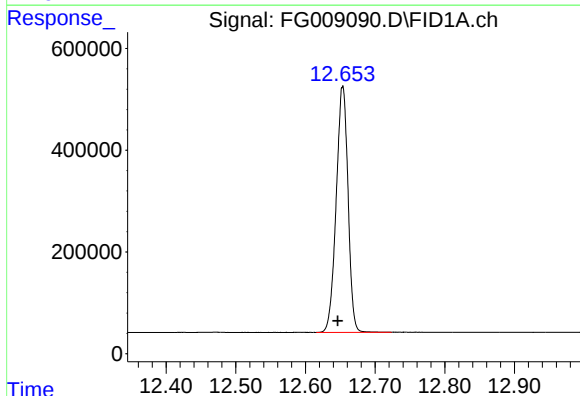
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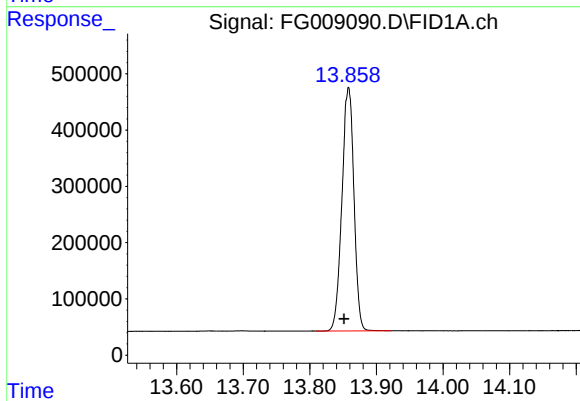
#6 N-OCTADECANE

R.T.: 11.336 min
Delta R.T.: 0.006 min
Response: 5879006
Conc: 40.54 ug/ml



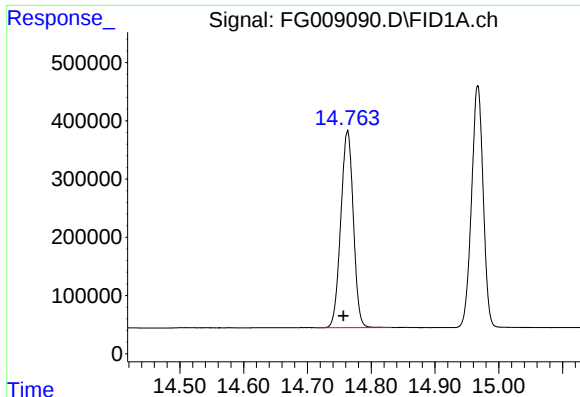
#7 N-EICOSANE

R.T.: 12.653 min
Delta R.T.: 0.007 min
Response: 5709768
Conc: 39.91 ug/ml



#8 N-DOCOSANE

R.T.: 13.858 min
Delta R.T.: 0.007 min
Response: 5421519
Conc: 39.51 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.763 min
Delta R.T.: 0.007 min
Response: 4618531
Conc: 39.60 ug/ml

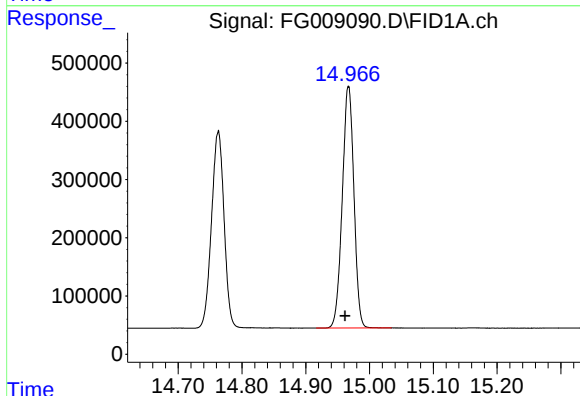
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

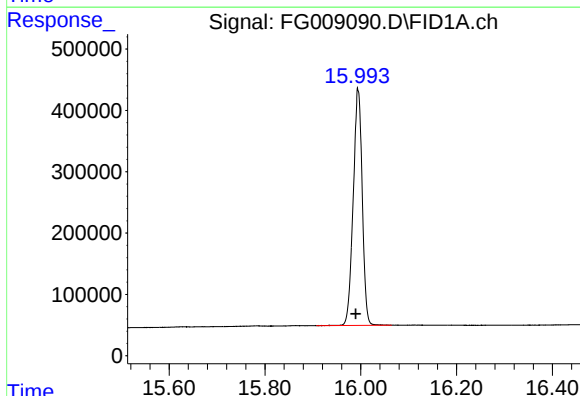
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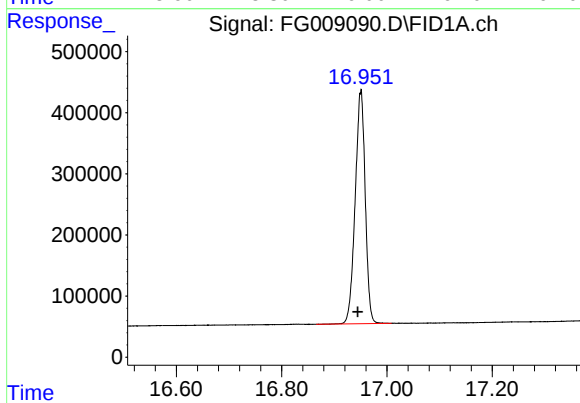
#10 N-TETRACOSANE

R.T.: 14.967 min
Delta R.T.: 0.005 min
Response: 5259847
Conc: 39.97 ug/ml



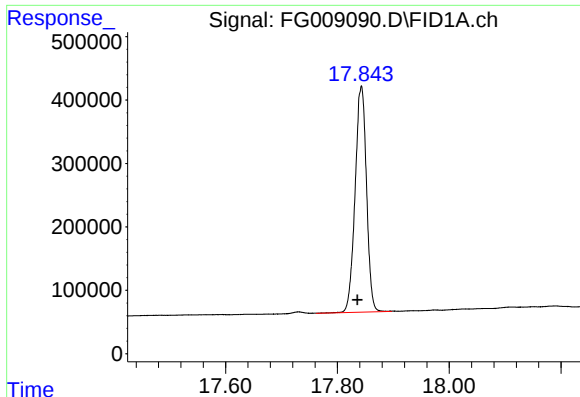
#11 N-HEXACOSANE

R.T.: 15.994 min
Delta R.T.: 0.004 min
Response: 5113330
Conc: 41.74 ug/ml



#12 N-OCTACOSANE

R.T.: 16.951 min
Delta R.T.: 0.006 min
Response: 5055774
Conc: 44.34 ug/ml



#13 N-TRIACONTANE

R.T.: 17.843 min
Delta R.T.: 0.007 min
Response: 5037217
Conc: 46.56 ug/ml

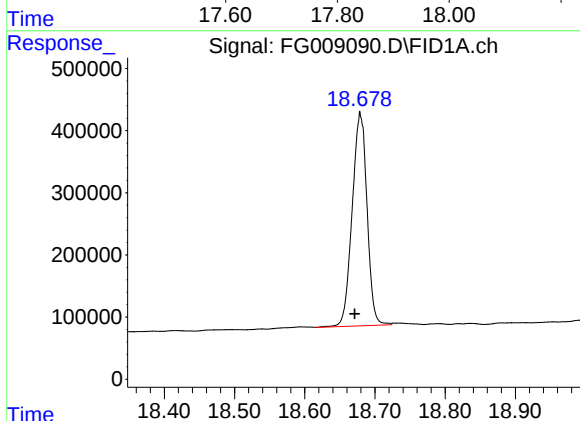
Instrument :

FID_G

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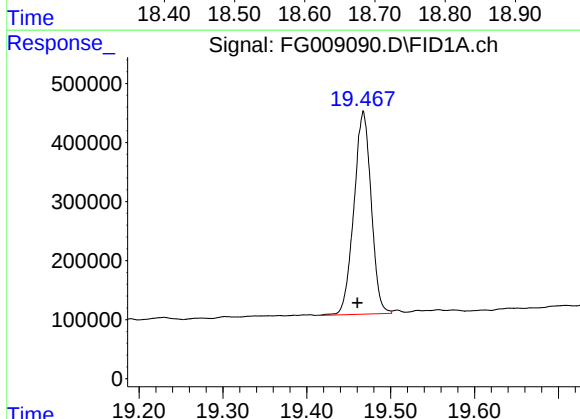
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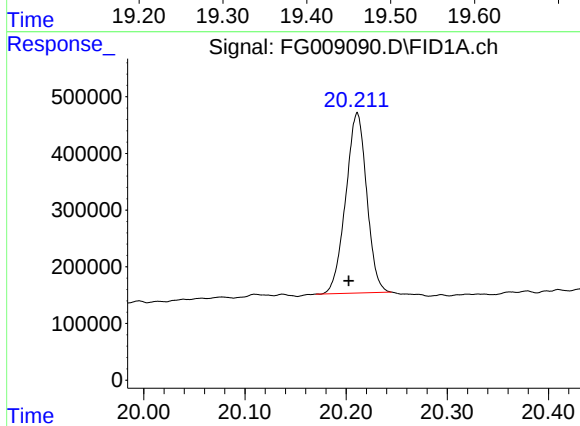
#14 N-DOTRIACONTANE

R.T.: 18.679 min
Delta R.T.: 0.007 min
Response: 5034413
Conc: 48.97 ug/ml



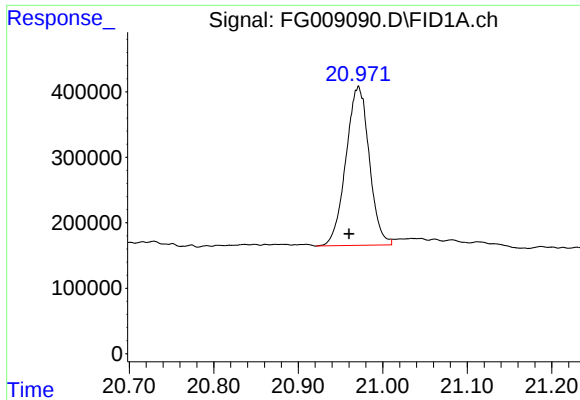
#15 N-TETRATRIACONTANE

R.T.: 19.467 min
Delta R.T.: 0.007 min
Response: 4910462
Conc: 49.65 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.211 min
Delta R.T.: 0.008 min
Response: 4576367
Conc: 48.70 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.971 min
Delta R.T.: 0.011 min
Response: 4653901
Conc: 50.19 ug/ml

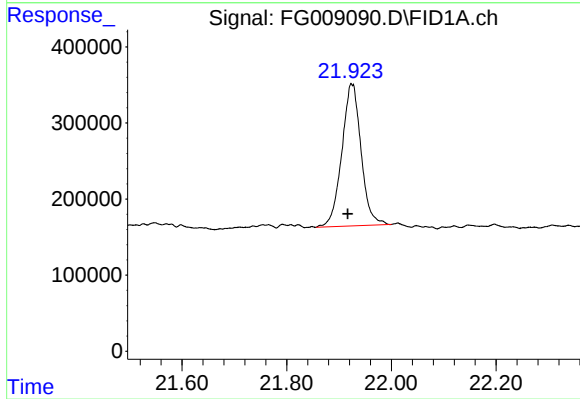
Instrument :

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#18 N-TETRACONTANE

R.T.: 21.923 min
Delta R.T.: 0.007 min
Response: 4759903
Conc: 48.37 ug/ml