

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082523\
 Data File : FG012783.D
 Signal(s) : FID1A.ch
 Acq On : 25 Aug 2023 18:52
 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 08/28/2023
 Supervised By :Ankita Jodhani 08/28/2023

Integration File: autoint1.e
 Quant Time: Aug 25 21:35:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080223.M
 Quant Title :
 QLast Update : Wed Aug 02 18:57:31 2023
 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...	15.084	4915348	43.940 ug/ml
Target Compounds			
1) N-OCTANE	2.077	5945279	48.288 ug/ml
2) N-DECANE	4.600	6108903	48.087 ug/ml
3) N-DODECANE	6.774	6125465	47.689 ug/ml
4) N-TETRADECANE	8.607	6076741	47.172 ug/ml
5) N-HEXADECANE	10.220	6047459	46.616 ug/ml
6) N-OCTADECANE	11.667	6026980	45.952 ug/ml
7) N-EICOSANE	12.981	5833601	45.356 ug/ml
8) N-DOCOSANE	14.182	5628396	44.502 ug/ml
10) N-TETRACOSANE	15.288	5538371	43.793 ug/ml
11) N-HEXACOSANE	16.312	5371230	42.909 ug/ml
12) N-OCTACOSANE	17.263	5222618	42.494 ug/ml
13) N-TRIACONTANE	18.152	4978000	42.033 ug/ml
14) N-DOTRIACONTANE	18.984	4451357	39.637 ug/ml
15) N-TETRATRIACONTANE	19.769	3893713	41.106 ug/ml
16) N-HEXATRIACONTANE	20.508	3319421	40.905 ug/ml
17) N-OCTATRIACONTANE	21.265	3459636	47.908 ug/mlm
18) N-TETRACONTANE	22.217	2989342	42.902 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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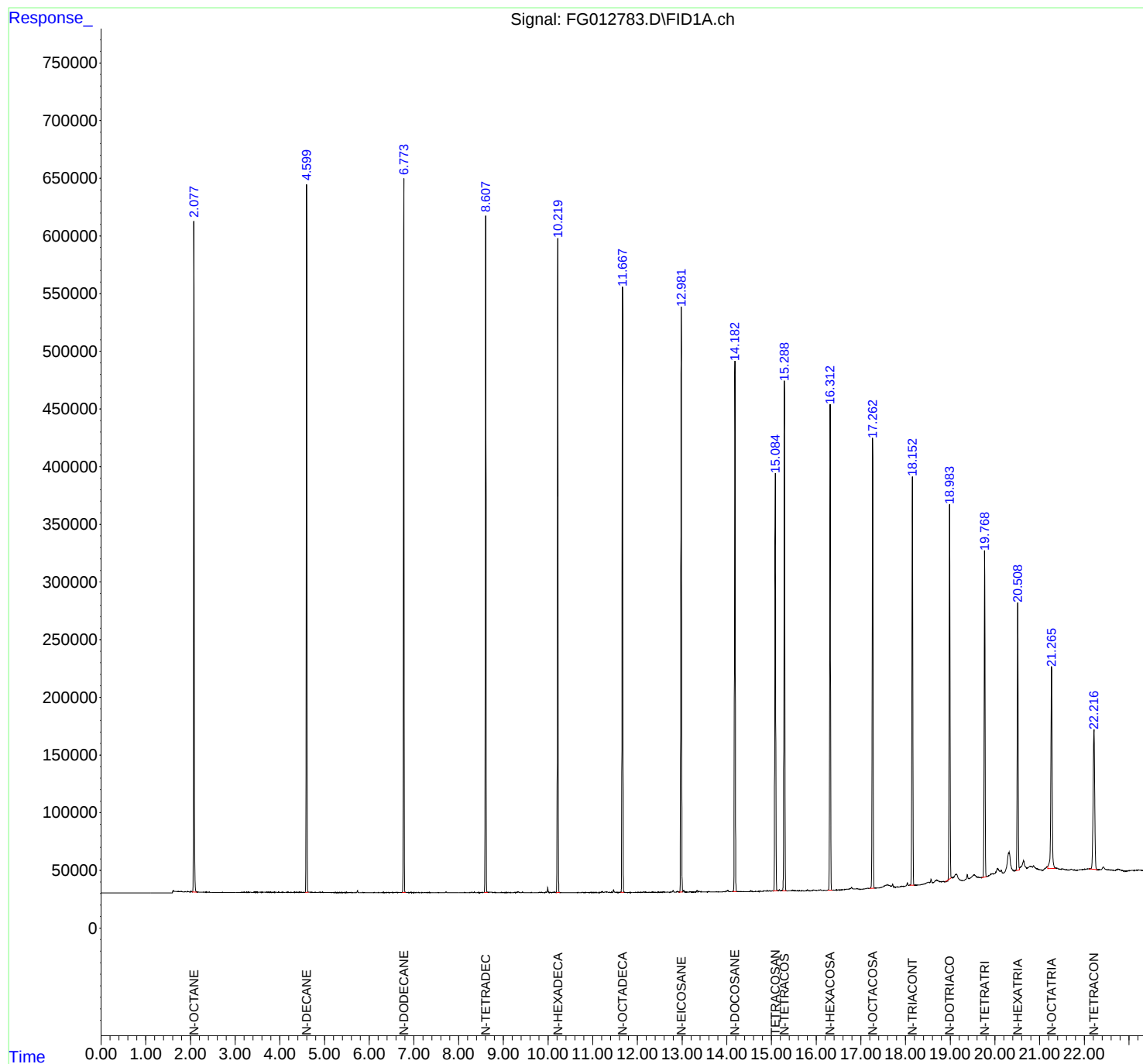
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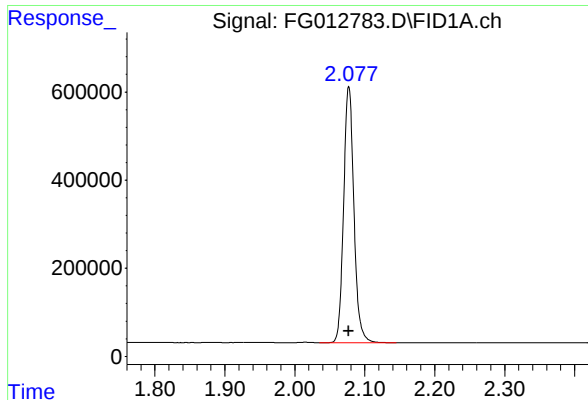
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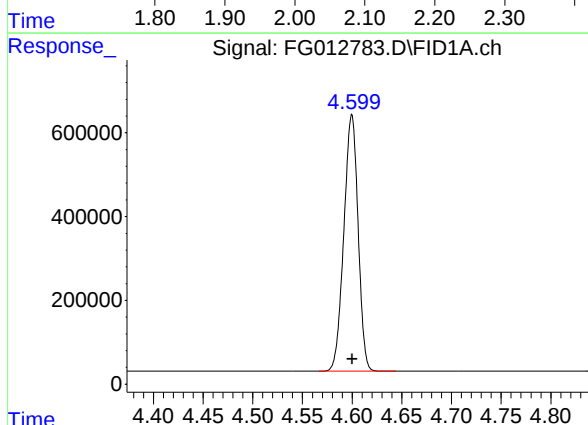
#1 N-OCTANE

R.T.: 2.077 min
Delta R.T.: 0.000 min
Response: 5945279
Conc: 48.29 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

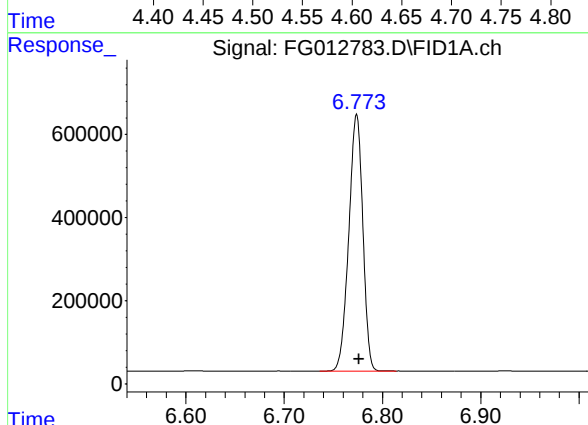
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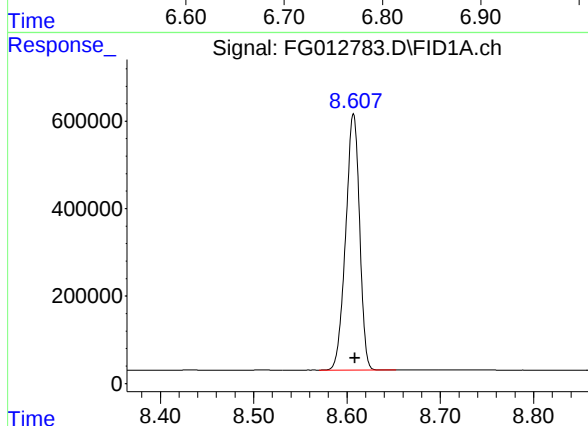
#2 N-DECANE

R.T.: 4.600 min
Delta R.T.: 0.000 min
Response: 6108903
Conc: 48.09 ug/ml



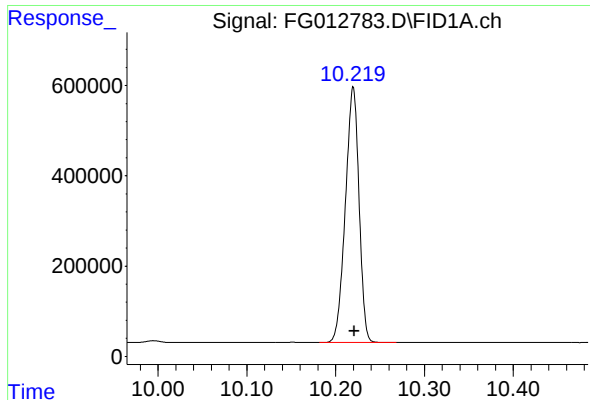
#3 N-DODECANE

R.T.: 6.774 min
Delta R.T.: -0.002 min
Response: 6125465
Conc: 47.69 ug/ml



#4 N-TETRADECANE

R.T.: 8.607 min
Delta R.T.: -0.002 min
Response: 6076741
Conc: 47.17 ug/ml



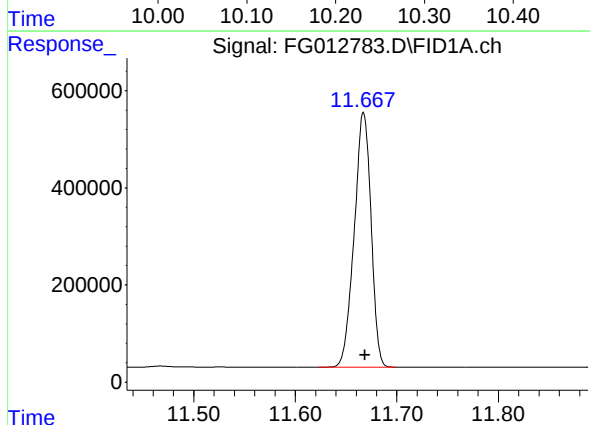
#5 N-HEXADECANE

R.T.: 10.220 min
Delta R.T.: -0.001 min
Response: 6047459
Conc: 46.62 ug/ml

Instrument :
FID_G
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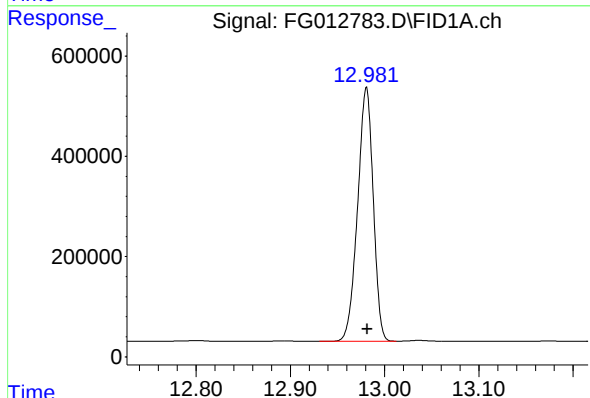
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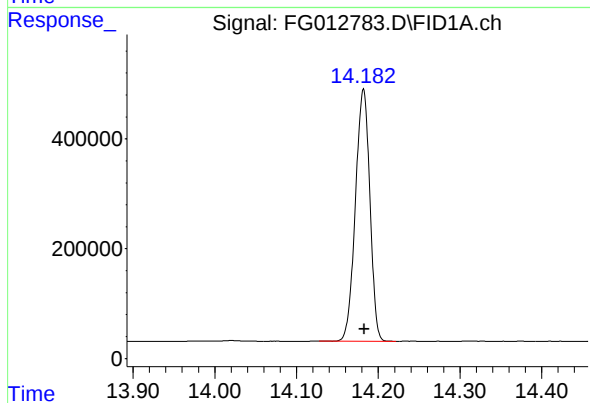
#6 N-OCTADECANE

R.T.: 11.667 min
Delta R.T.: -0.001 min
Response: 6026980
Conc: 45.95 ug/ml



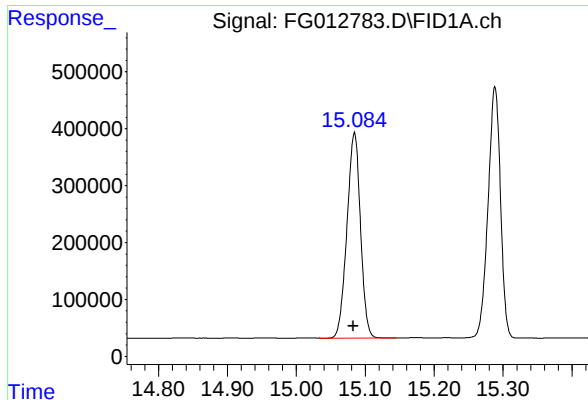
#7 N-EICOSANE

R.T.: 12.981 min
Delta R.T.: 0.000 min
Response: 5833601
Conc: 45.36 ug/ml



#8 N-DOCOSANE

R.T.: 14.182 min
Delta R.T.: 0.000 min
Response: 5628396
Conc: 44.50 ug/ml



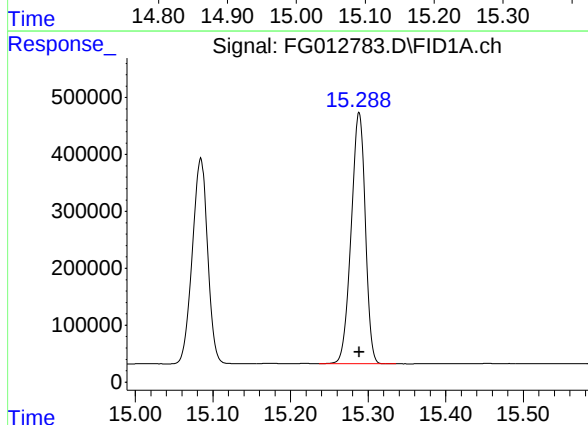
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.084 min
Delta R.T.: 0.002 min
Response: 4915348
Conc: 43.94 ug/ml

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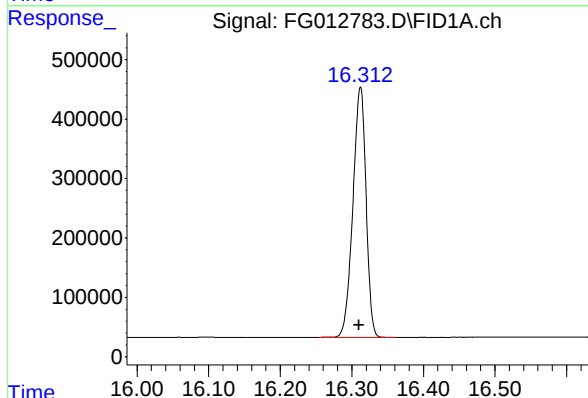
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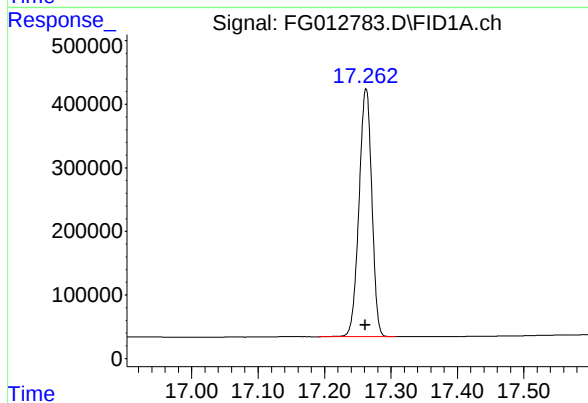
#10 N-TETRACOSANE

R.T.: 15.288 min
Delta R.T.: 0.000 min
Response: 5538371
Conc: 43.79 ug/ml



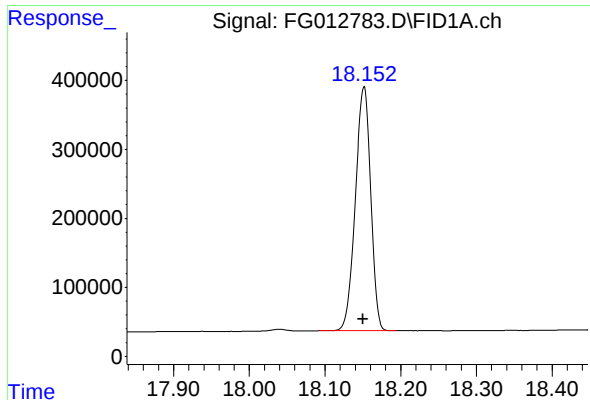
#11 N-HEXACOSANE

R.T.: 16.312 min
Delta R.T.: 0.002 min
Response: 5371230
Conc: 42.91 ug/ml



#12 N-OCTACOSANE

R.T.: 17.263 min
Delta R.T.: 0.001 min
Response: 5222618
Conc: 42.49 ug/ml



#13 N-TRIACONTANE

R.T.: 18.152 min
Delta R.T.: 0.002 min
Response: 4978000
Conc: 42.03 ug/ml

Instrument :

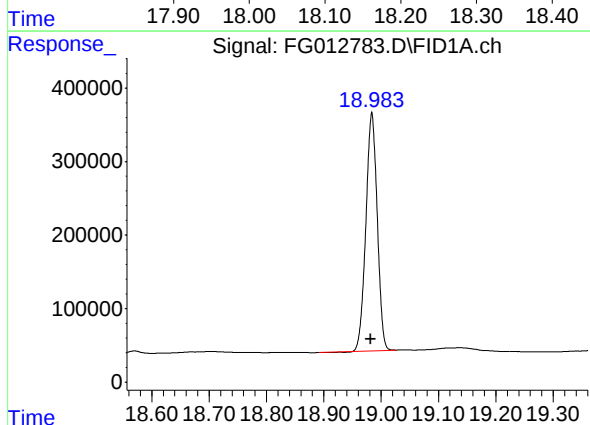
FID_G

ClientSampleId :

50 PPM TRPH STD

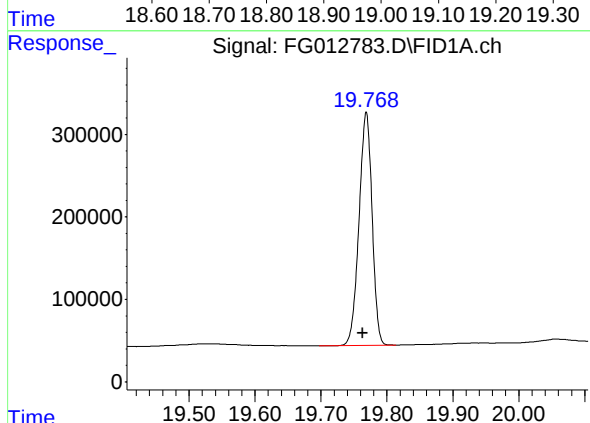
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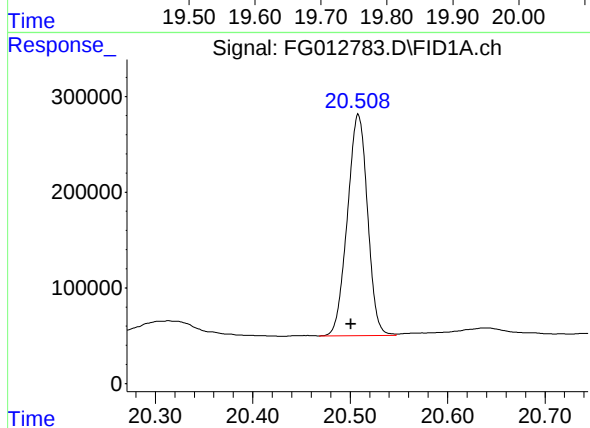
#14 N-DOTRIACONTANE

R.T.: 18.984 min
Delta R.T.: 0.002 min
Response: 4451357
Conc: 39.64 ug/ml



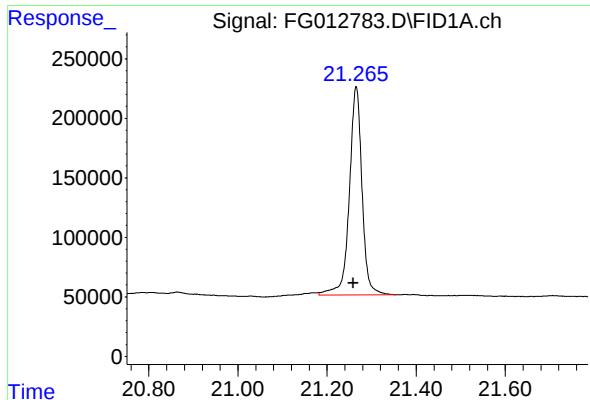
#15 N-TETRATRIACONTANE

R.T.: 19.769 min
Delta R.T.: 0.006 min
Response: 3893713
Conc: 41.11 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.508 min
Delta R.T.: 0.007 min
Response: 3319421
Conc: 40.91 ug/ml



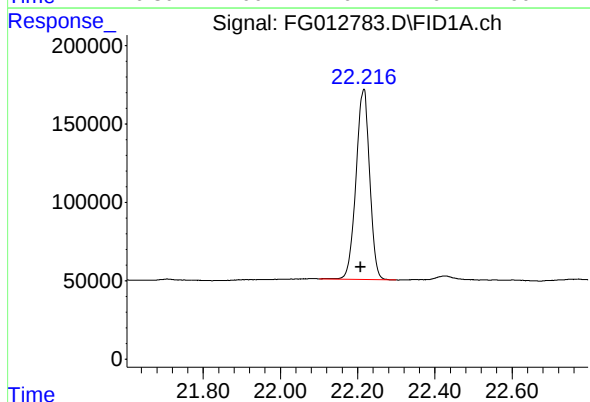
#17 N-OCTATRIACONTANE

R.T.: 21.265 min
Delta R.T.: 0.006 min
Response: 3459636
Conc: 47.91 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.217 min
Delta R.T.: 0.008 min
Response: 2989342
Conc: 42.90 ug/ml