

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041023\
 Data File : FG011766.D
 Signal(s) : FID1A.ch
 Acq On : 10 Apr 2023 14:55
 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 04/11/2023
 Supervised By :Ankita Jodhani 04/11/2023

Integration File: autoint1.e
 Quant Time: Apr 11 01:19:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG031523.M
 Quant Title :
 QLast Update : Wed Mar 15 18:43:49 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...	15.047	5320031	52.855 ug/ml
Target Compounds			
1) N-OCTANE	2.048	5970406	50.731 ug/ml
2) N-DECANE	4.569	6343546	52.489 ug/ml
3) N-DODECANE	6.742	6303889	51.661 ug/ml
4) N-TETRADECANE	8.573	6196373	50.920 ug/ml
5) N-HEXADECANE	10.185	6237010	50.580 ug/ml
6) N-OCTADECANE	11.631	6199859	50.762 ug/ml
7) N-EICOSANE	12.944	6151711	51.197 ug/ml
8) N-DOCOSANE	14.146	5951321	51.881 ug/ml
10) N-TETRACOSANE	15.252	5967686	52.830 ug/ml
11) N-HEXACOSANE	16.276	5839147	54.070 ug/ml
12) N-OCTACOSANE	17.228	5744064	55.395 ug/ml
13) N-TRIACONTANE	18.119	5636451	56.876 ug/ml
14) N-DOTRIACONTANE	18.952	5427074	58.516 ug/ml
15) N-TETRATRIACONTANE	19.740	5232943	62.071 ug/ml
16) N-HEXATRIACONTANE	20.481	5139270	66.757 ug/mlm
17) N-OCTATRIACONTANE	21.233	5159214	68.525 ug/ml
18) N-TETRACONTANE	22.167	5009623	68.257 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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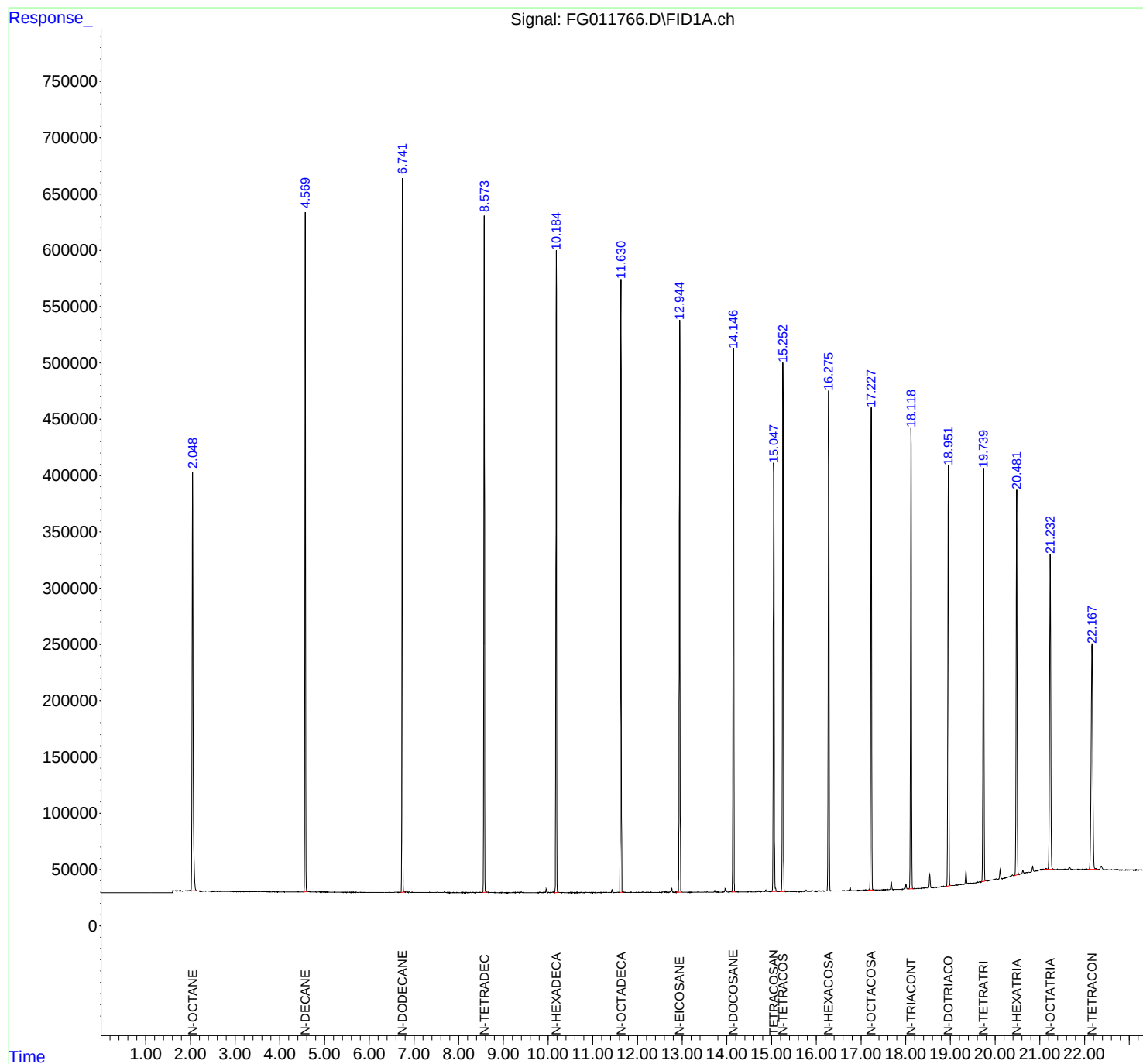
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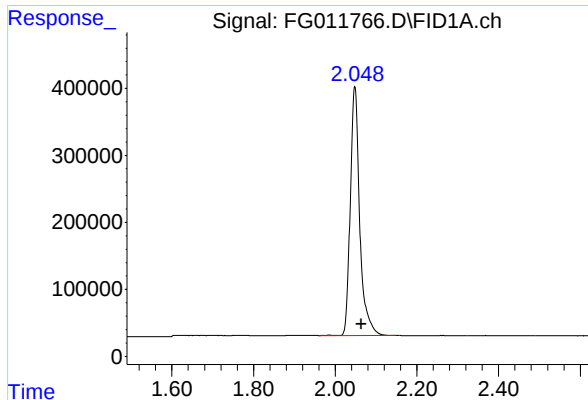
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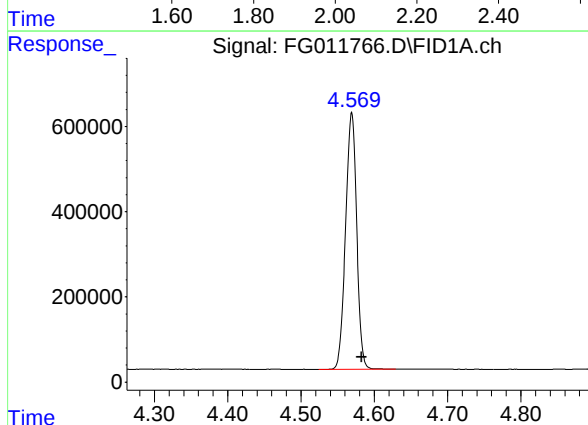
#1 N-OCTANE

R.T.: 2.048 min
Delta R.T.: -0.016 min
Response: 5970406
Conc: 50.73 ug/ml

Instrument :
FID_G
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50 PPM TRPH STD

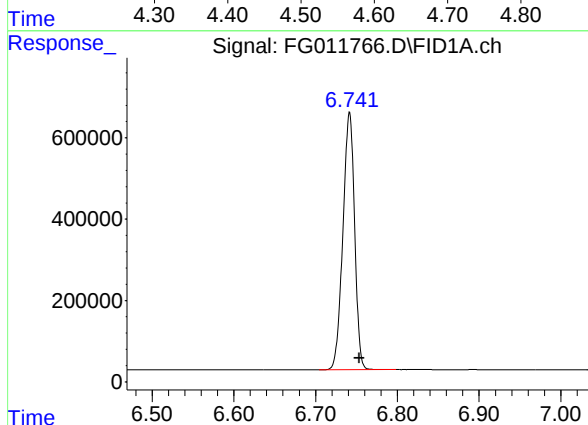
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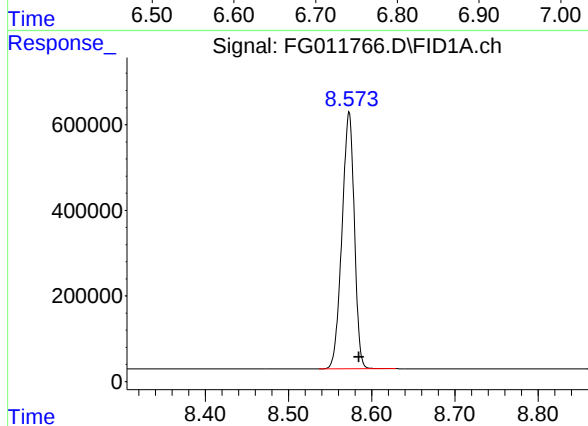
#2 N-DECANE

R.T.: 4.569 min
Delta R.T.: -0.014 min
Response: 6343546
Conc: 52.49 ug/ml



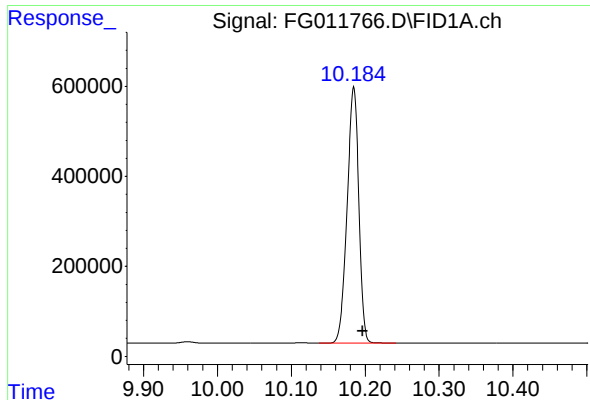
#3 N-DODECANE

R.T.: 6.742 min
Delta R.T.: -0.012 min
Response: 6303889
Conc: 51.66 ug/ml



#4 N-TETRADECANE

R.T.: 8.573 min
Delta R.T.: -0.012 min
Response: 6196373
Conc: 50.92 ug/ml



#5 N-HEXADECANE

R.T.: 10.185 min
Delta R.T.: -0.012 min
Response: 6237010
Conc: 50.58 ug/ml

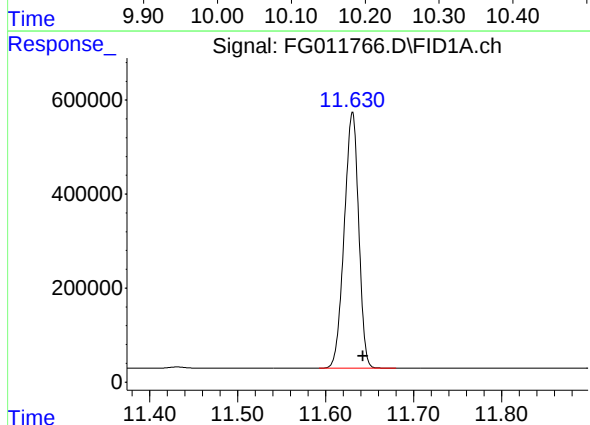
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

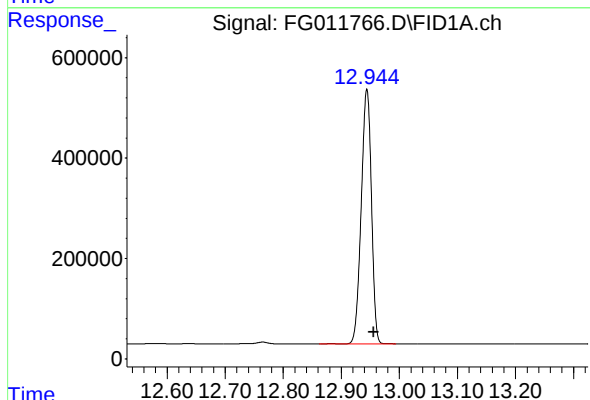
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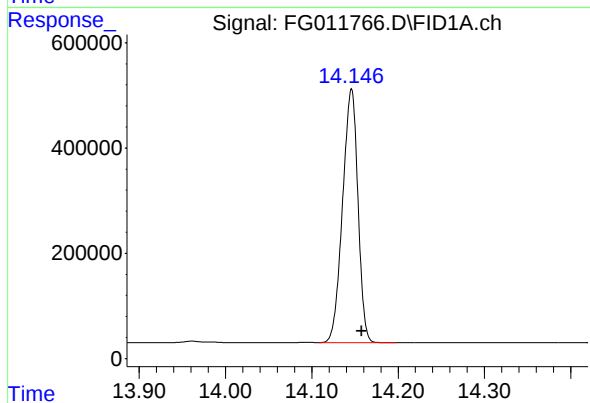
#6 N-OCTADECANE

R.T.: 11.631 min
Delta R.T.: -0.012 min
Response: 6199859
Conc: 50.76 ug/ml



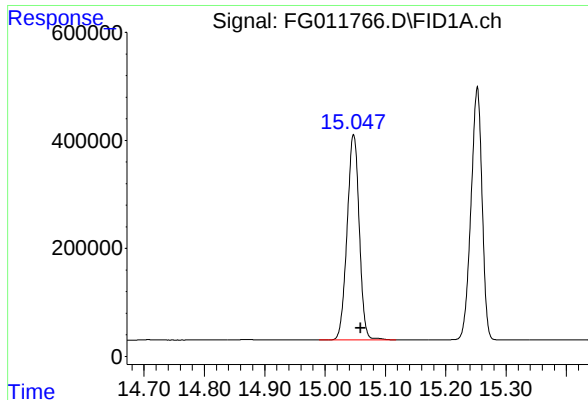
#7 N-EICOSANE

R.T.: 12.944 min
Delta R.T.: -0.012 min
Response: 6151711
Conc: 51.20 ug/ml



#8 N-DOCOSANE

R.T.: 14.146 min
Delta R.T.: -0.012 min
Response: 5951321
Conc: 51.88 ug/ml



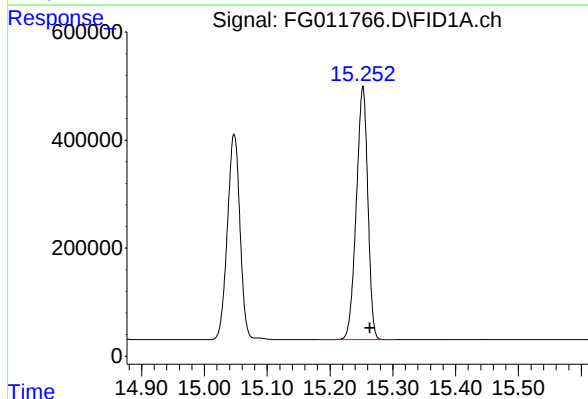
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.047 min
Delta R.T.: -0.012 min
Response: 5320031
Conc: 52.85 ug/ml

Instrument :
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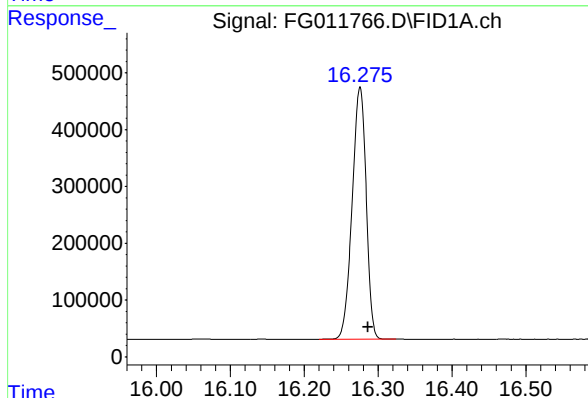
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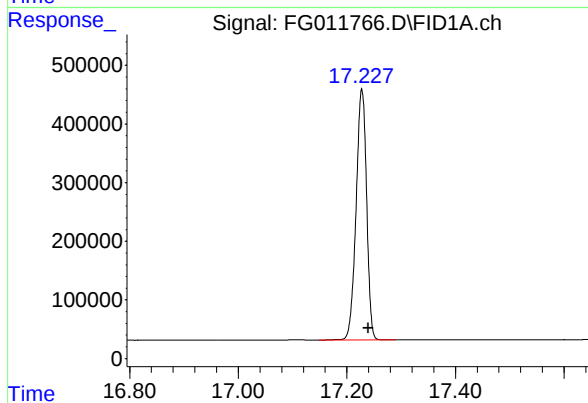
#10 N-TETRACOSANE

R.T.: 15.252 min
Delta R.T.: -0.011 min
Response: 5967686
Conc: 52.83 ug/ml



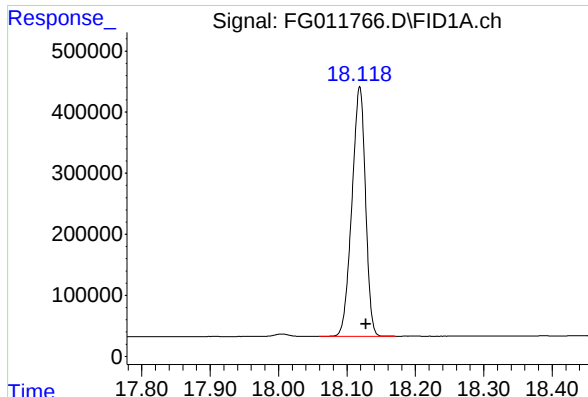
#11 N-HEXACOSANE

R.T.: 16.276 min
Delta R.T.: -0.011 min
Response: 5839147
Conc: 54.07 ug/ml



#12 N-OCTACOSANE

R.T.: 17.228 min
Delta R.T.: -0.012 min
Response: 5744064
Conc: 55.39 ug/ml



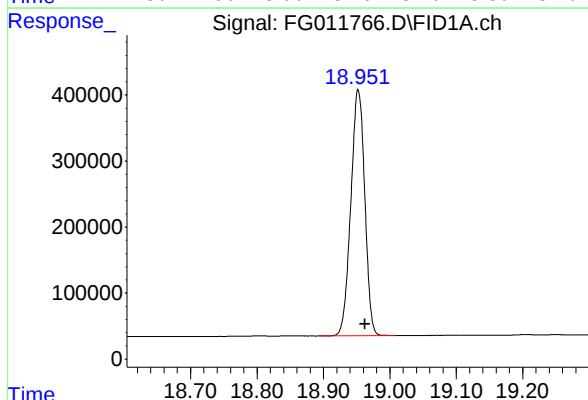
#13 N-TRIACONTANE

R.T.: 18.119 min
Delta R.T.: -0.009 min
Response: 5636451
Conc: 56.88 ug/ml

Instrument :
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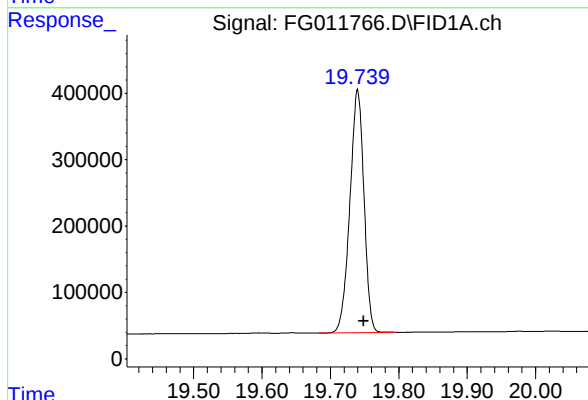
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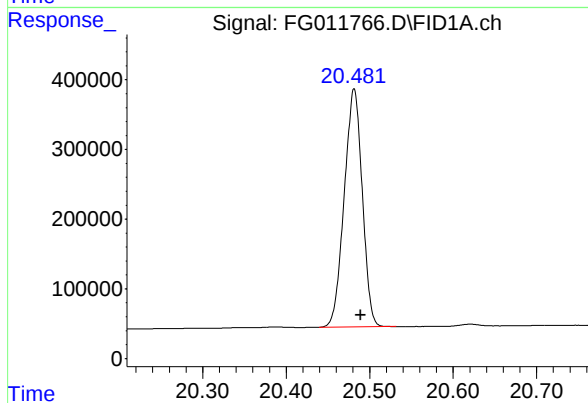
#14 N-DOTRIACONTANE

R.T.: 18.952 min
Delta R.T.: -0.010 min
Response: 5427074
Conc: 58.52 ug/ml



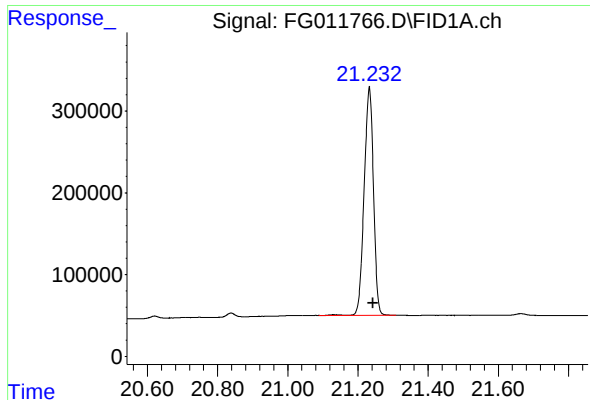
#15 N-TETRATRIACONTANE

R.T.: 19.740 min
Delta R.T.: -0.009 min
Response: 5232943
Conc: 62.07 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.481 min
Delta R.T.: -0.008 min
Response: 5139270
Conc: 66.76 ug/ml m



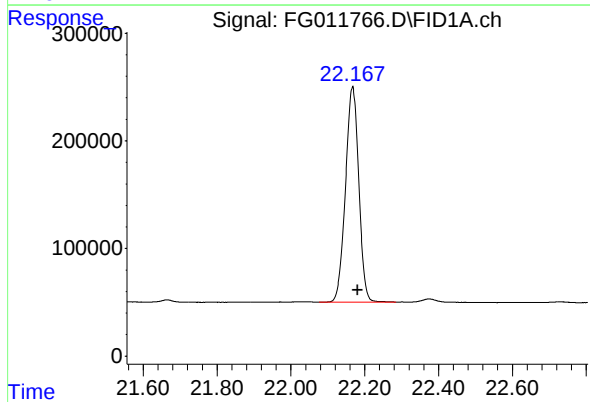
#17 N-OCTATRIACONTANE

R.T.: 21.233 min
Delta R.T.: -0.010 min
Response: 5159214
Conc: 68.52 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.167 min
Delta R.T.: -0.013 min
Response: 5009623
Conc: 68.26 ug/ml