

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082123\
 Data File : FG012751.D
 Signal(s) : FID1A.ch
 Acq On : 21 Aug 2023 18:10
 Operator : YP\AJ
 Sample : PB154958BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB154958BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :Ankita Jodhani 08/22/2023

Integration File: autoint1.e
 Quant Time: Aug 21 23:54:30 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...	15.086	2026485	18.115 ug/ml
Target Compounds			
1) N-OCTANE	2.082	1998750	16.234 ug/ml
2) N-DECANE	4.601	2378564	18.723 ug/ml
3) N-DODECANE	6.774	2438987	18.988 ug/ml
4) N-TETRADECANE	8.607	2462115	19.113 ug/ml
5) N-HEXADECANE	10.220	2486841	19.169 ug/ml
6) N-OCTADECANE	11.667	2480674	18.914 ug/ml
7) N-EICOSANE	12.982	2432487	18.912 ug/ml
8) N-DOCOSANE	14.182	2345418	18.545 ug/ml
10) N-TETRACOSANE	15.290	2304799	18.225 ug/ml
11) N-HEXACOSANE	16.313	2241488	17.907 ug/ml
12) N-OCTACOSANE	17.265	2178737	17.727 ug/ml
13) N-TRIACONTANE	18.153	2149505	18.150 ug/ml
14) N-DOTRIACONTANE	18.987	2057608	18.322 ug/ml
15) N-TETRATRIACONTANE	19.770	1830701	19.327 ug/ml
16) N-HEXATRIACONTANE	20.511	1515566	18.676 ug/mlm
17) N-OCTATRIACONTANE	21.270	1336912	18.513 ug/ml
18) N-TETRACONTANE	22.219	1308442	18.778 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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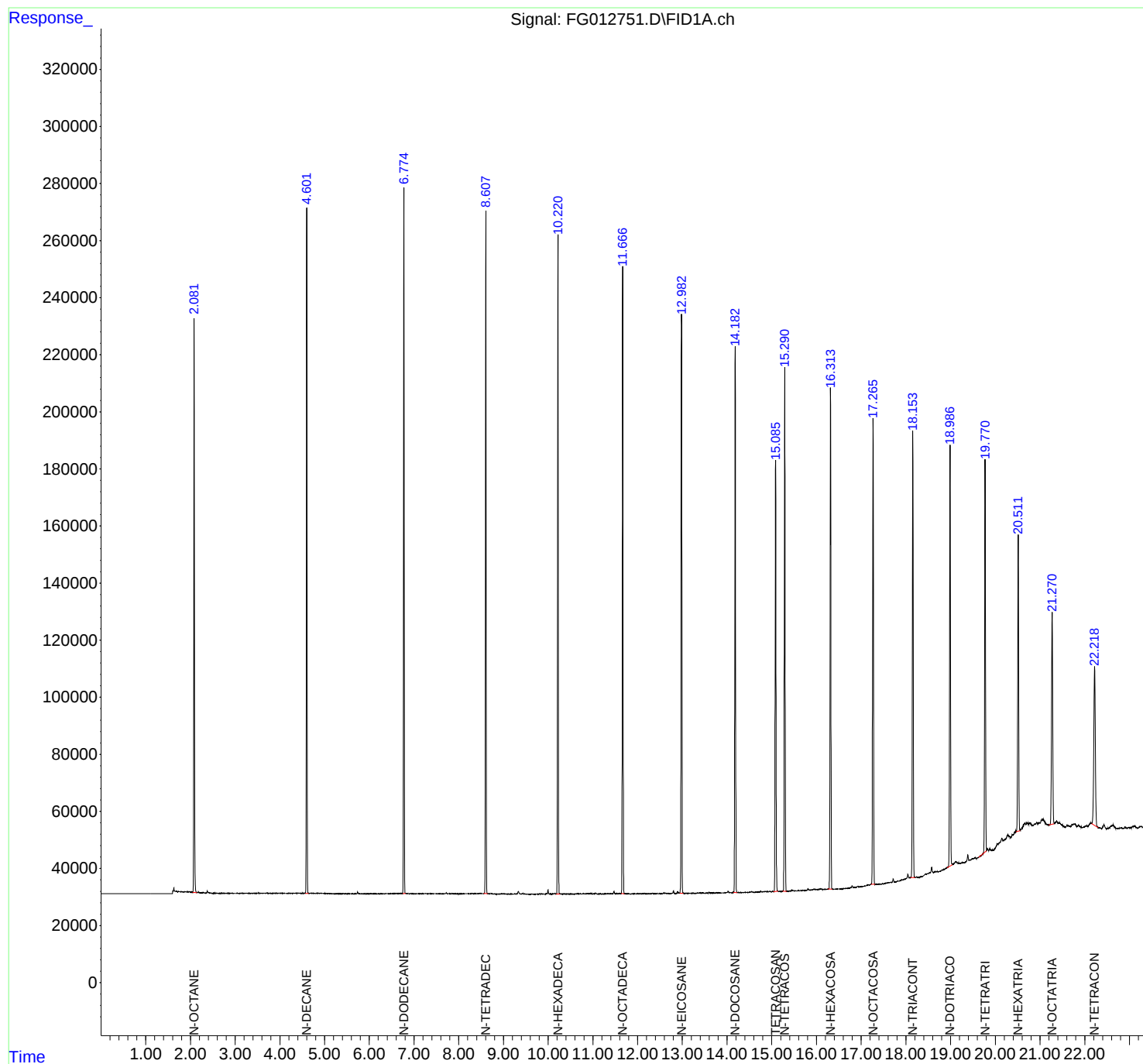
APPROVED

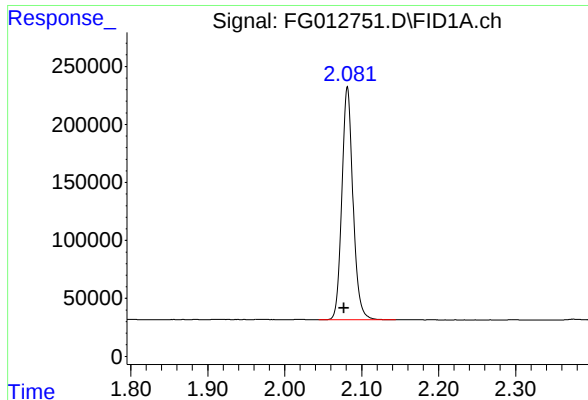
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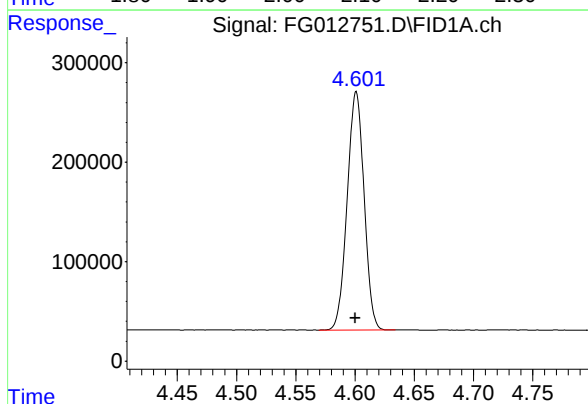
#1 N-OCTANE

R.T.: 2.082 min
Delta R.T.: 0.005 min
Response: 1998750
Conc: 16.23 ug/ml

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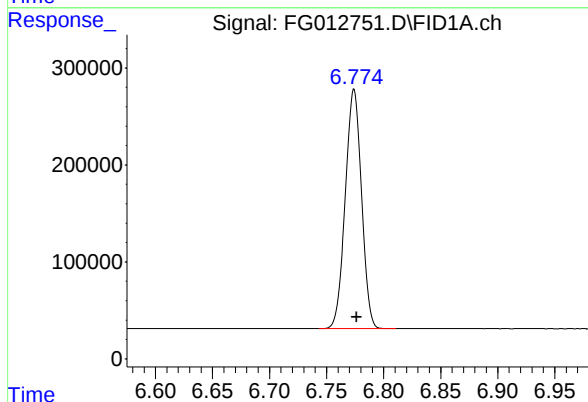
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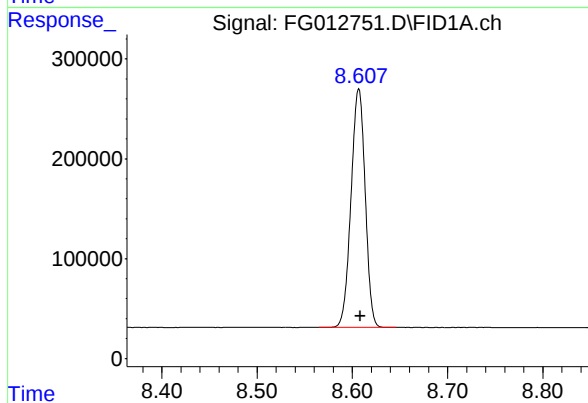
#2 N-DECANE

R.T.: 4.601 min
Delta R.T.: 0.000 min
Response: 2378564
Conc: 18.72 ug/ml



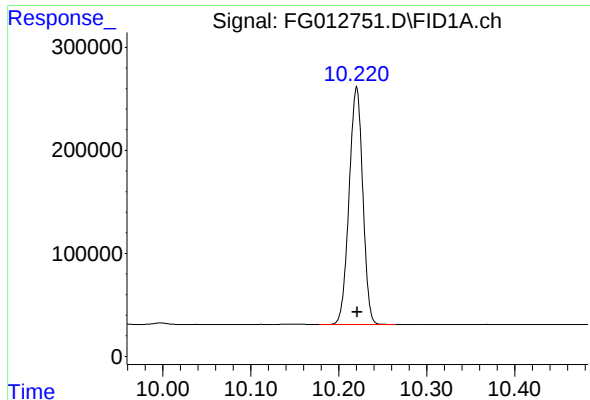
#3 N-DODECANE

R.T.: 6.774 min
Delta R.T.: -0.002 min
Response: 2438987
Conc: 18.99 ug/ml



#4 N-TETRADECANE

R.T.: 8.607 min
Delta R.T.: -0.002 min
Response: 2462115
Conc: 19.11 ug/ml



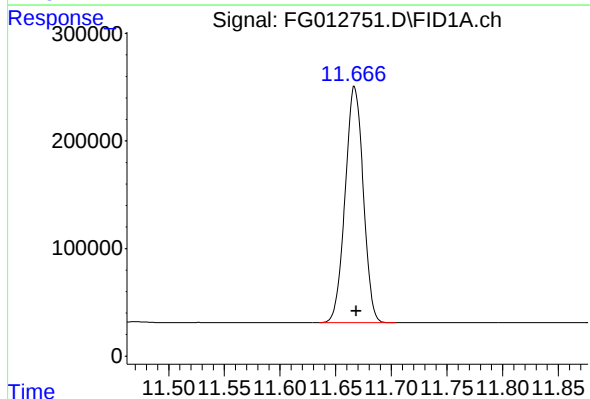
#5 N-HEXADECANE

R.T.: 10.220 min
Delta R.T.: 0.000 min
Response: 2486841
Conc: 19.17 ug/ml

Instrument :
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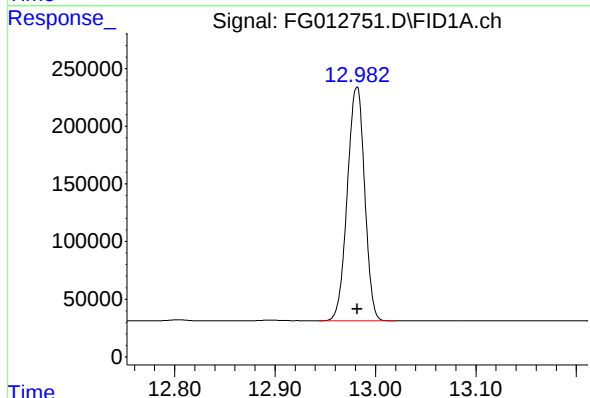
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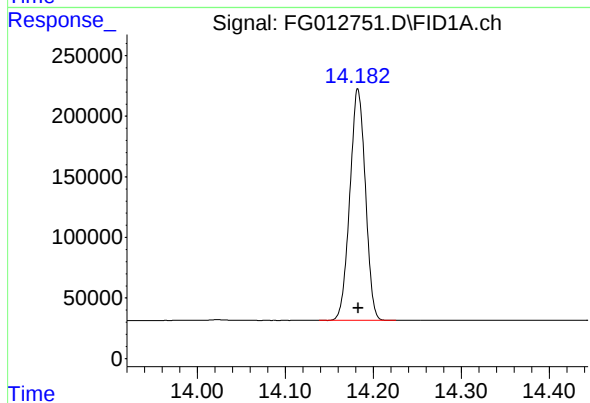
#6 N-OCTADECANE

R.T.: 11.667 min
Delta R.T.: -0.002 min
Response: 2480674
Conc: 18.91 ug/ml



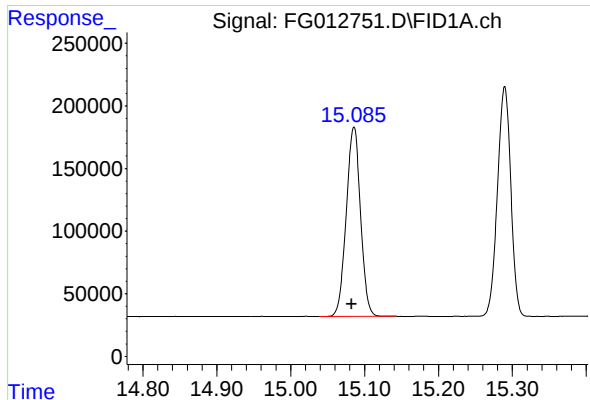
#7 N-EICOSANE

R.T.: 12.982 min
Delta R.T.: 0.000 min
Response: 2432487
Conc: 18.91 ug/ml



#8 N-DOCOSANE

R.T.: 14.182 min
Delta R.T.: 0.000 min
Response: 2345418
Conc: 18.54 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.086 min
Delta R.T.: 0.003 min
Response: 2026485
Conc: 18.12 ug/ml

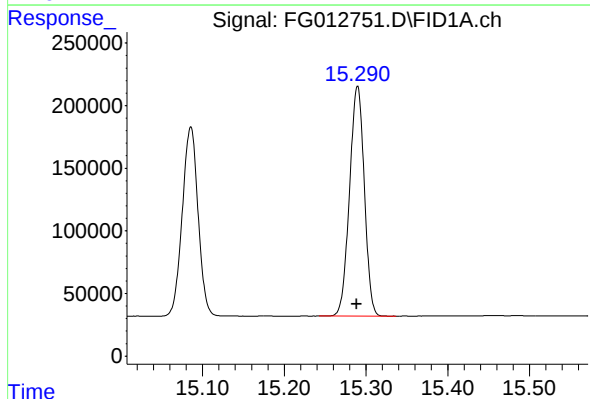
Instrument :

FID_G

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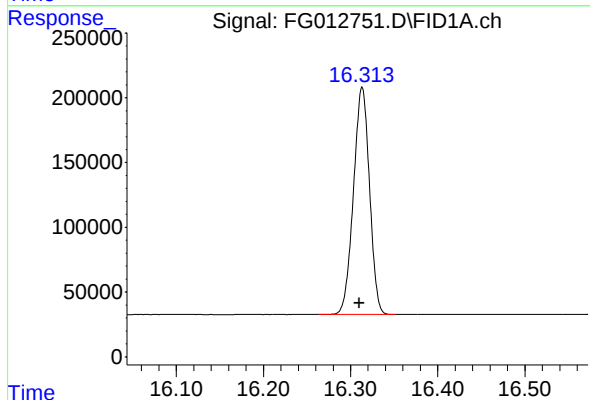
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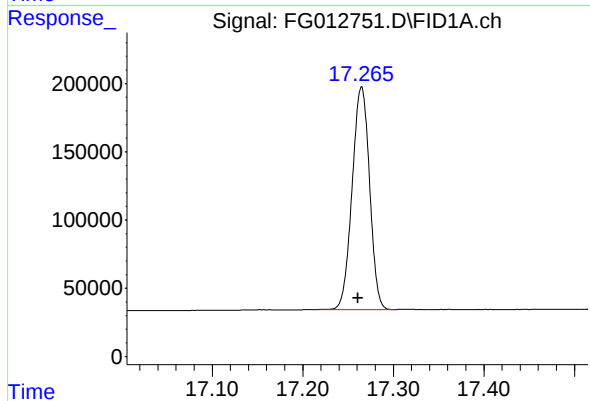
#10 N-TETRACOSANE

R.T.: 15.290 min
Delta R.T.: 0.001 min
Response: 2304799
Conc: 18.22 ug/ml



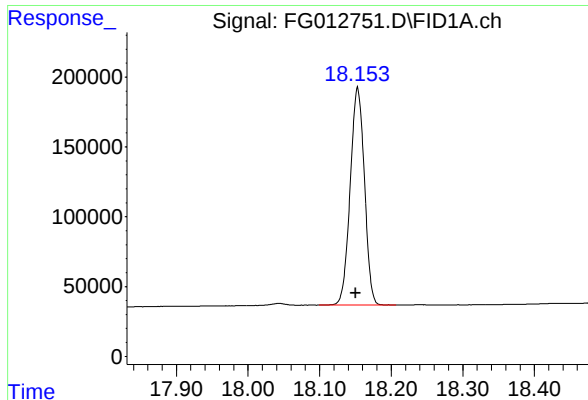
#11 N-HEXACOSANE

R.T.: 16.313 min
Delta R.T.: 0.003 min
Response: 2241488
Conc: 17.91 ug/ml



#12 N-OCTACOSANE

R.T.: 17.265 min
Delta R.T.: 0.004 min
Response: 2178737
Conc: 17.73 ug/ml



#13 N-TRIACONTANE

R.T.: 18.153 min
Delta R.T.: 0.003 min
Response: 2149505
Conc: 18.15 ug/ml

Instrument :

FID_G

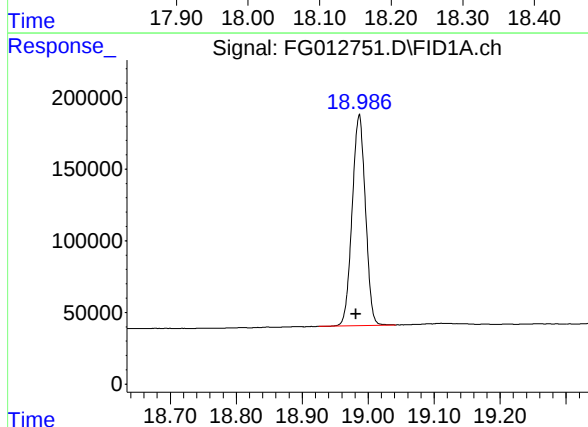
ClientSampleId :

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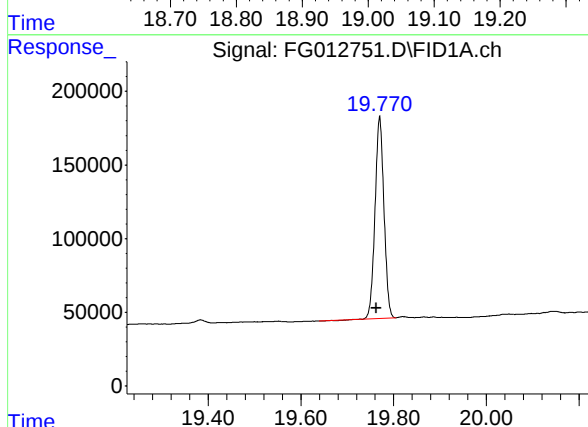
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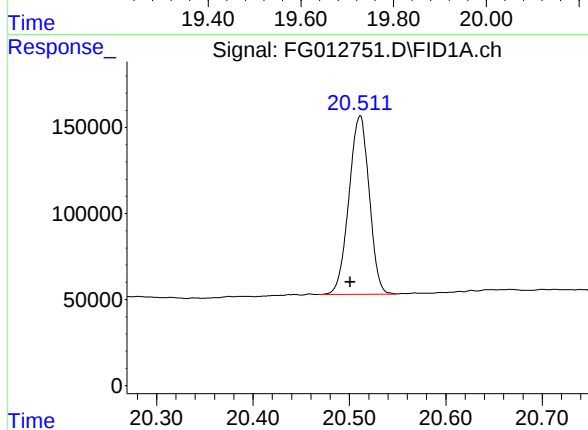
#14 N-DOTRIACONTANE

R.T.: 18.987 min
Delta R.T.: 0.005 min
Response: 2057608
Conc: 18.32 ug/ml



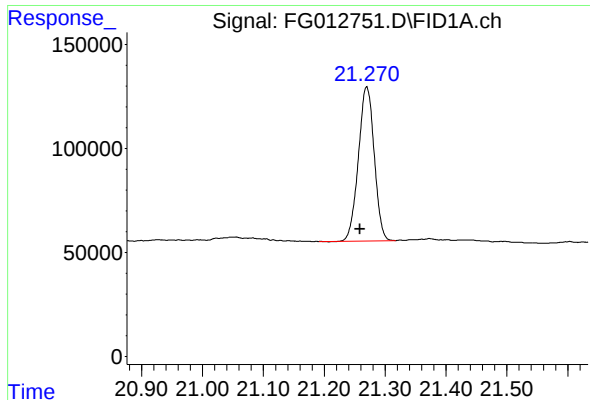
#15 N-TETRATRIACONTANE

R.T.: 19.770 min
Delta R.T.: 0.007 min
Response: 1830701
Conc: 19.33 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.511 min
Delta R.T.: 0.010 min
Response: 1515566
Conc: 18.68 ug/ml m



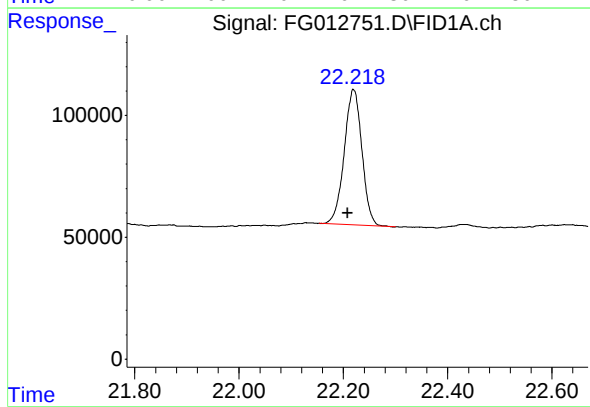
#17 N-OCTATRIACONTANE

R.T.: 21.270 min
Delta R.T.: 0.011 min
Response: 1336912
Conc: 18.51 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.219 min
Delta R.T.: 0.011 min
Response: 1308442
Conc: 18.78 ug/ml