

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061322\
 Data File : FG009863.D
 Signal(s) : FID1A.ch
 Acq On : 13 Jun 2022 16:30
 Operator : AJ\MA
 Sample : PB145480BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB145480BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/14/2022
 Supervised By :Ankita Jodhani 06/14/2022

Integration File: autoint1.e
 Quant Time: Jun 14 06:36:48 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...	14.832	2094995	19.904 ug/ml
Target Compounds			
1) N-OCTANE	1.855	2094240	16.713 ug/mlm
2) N-DECANE	4.355	2551950	20.207 ug/mlm
3) N-DODECANE	6.531	2638292	20.913 ug/ml
4) N-TETRADECANE	8.362	2650738	20.862 ug/ml
5) N-HEXADECANE	9.971	2649339	21.005 ug/ml
6) N-OCTADECANE	11.416	2677915	21.217 ug/ml
7) N-EICOSANE	12.729	2622078	21.439 ug/ml
8) N-DOCOSANE	13.930	2572916	21.338 ug/ml
10) N-TETRACOSANE	15.036	2557011	21.817 ug/ml
11) N-HEXACOSANE	16.058	2507768	22.105 ug/ml
12) N-OCTACOSANE	17.011	2440234	21.325 ug/mlm
13) N-TRIACONTANE	17.899	2432280	22.588 ug/mlm
14) N-DOTRIACONTANE	18.736	2497425	23.727 ug/ml
15) N-TETRATRIACONTANE	19.521	2503023	26.069 ug/ml
16) N-HEXATRIACONTANE	20.264	2631007	32.555 ug/ml
17) N-OCTATRIACONTANE	20.980	2662379	37.073 ug/mlm
18) N-TETRACONTANE	21.837	2711793	38.617 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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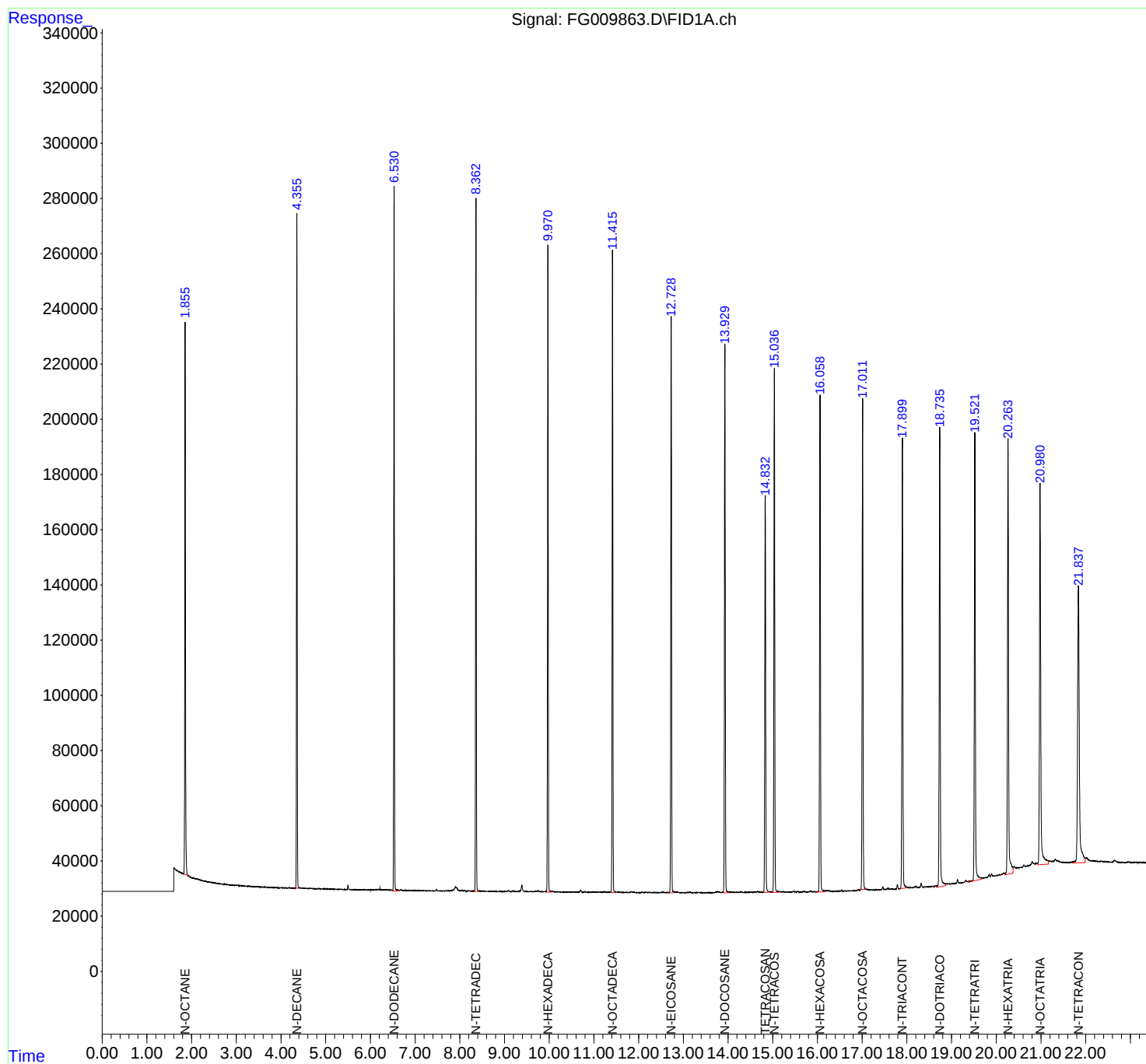
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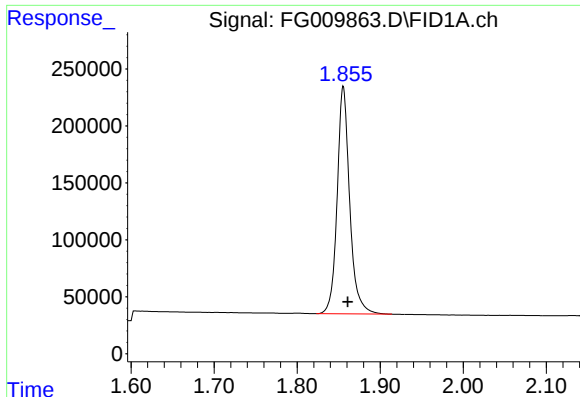
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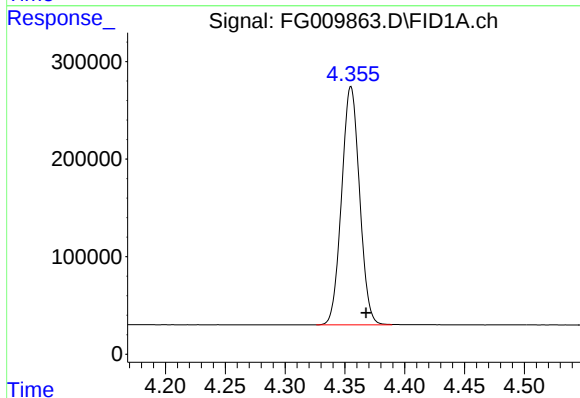
#1 N-OCTANE

R.T.: 1.855 min
Delta R.T.: -0.006 min
Response: 2094240
Conc: 16.71 ug/ml

Instrument :
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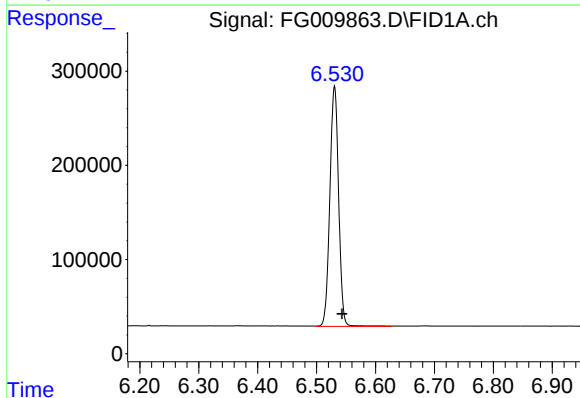
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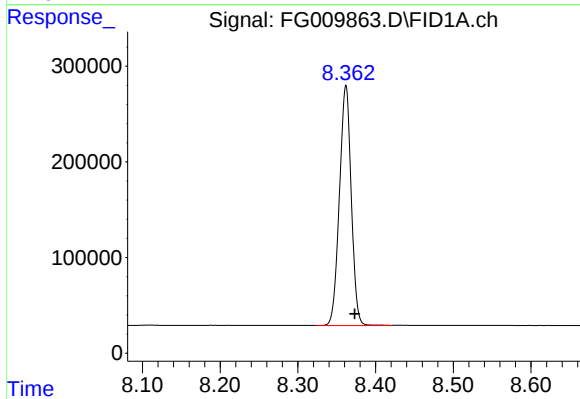
#2 N-DECANE

R.T.: 4.355 min
Delta R.T.: -0.013 min
Response: 2551950
Conc: 20.21 ug/ml m



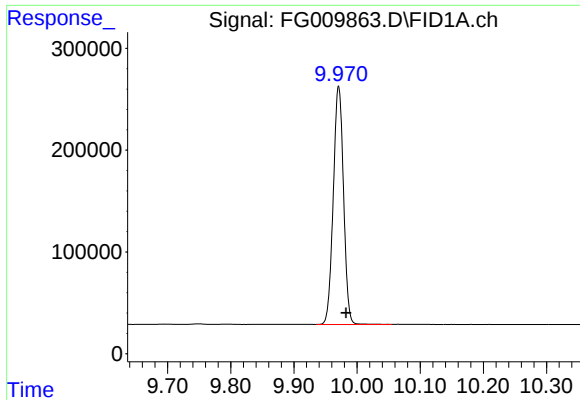
#3 N-DODECANE

R.T.: 6.531 min
Delta R.T.: -0.013 min
Response: 2638292
Conc: 20.91 ug/ml



#4 N-TETRADECANE

R.T.: 8.362 min
Delta R.T.: -0.011 min
Response: 2650738
Conc: 20.86 ug/ml



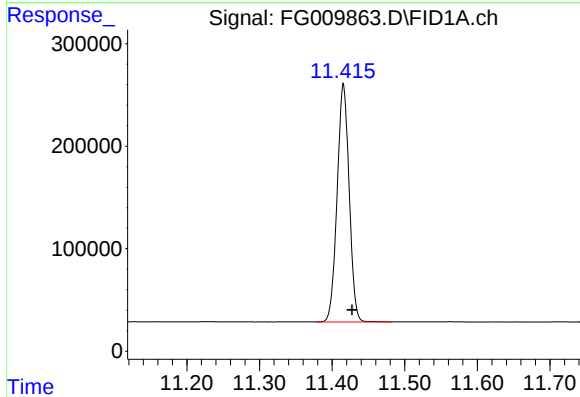
#5 N-HEXADECANE

R.T.: 9.971 min
Delta R.T.: -0.012 min
Response: 2649339
Conc: 21.01 ug/ml

Instrument :
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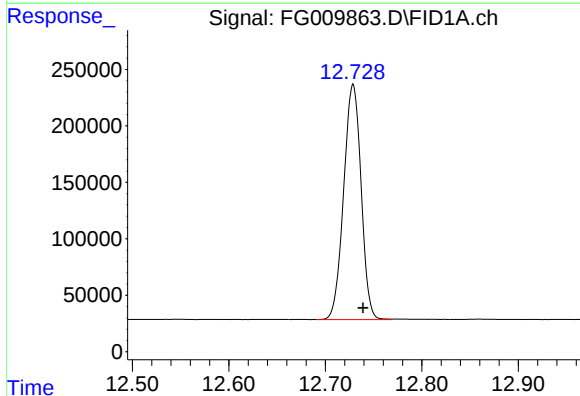
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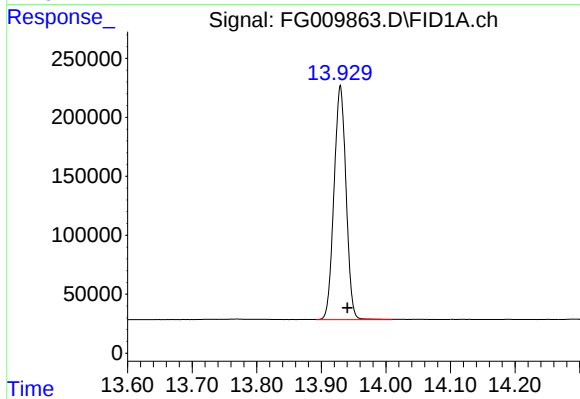
#6 N-OCTADECANE

R.T.: 11.416 min
Delta R.T.: -0.012 min
Response: 2677915
Conc: 21.22 ug/ml



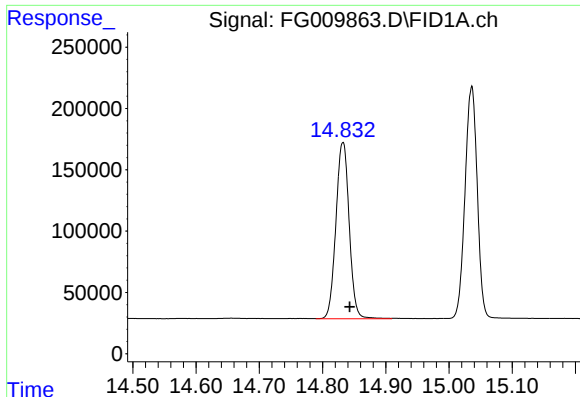
#7 N-EICOSANE

R.T.: 12.729 min
Delta R.T.: -0.010 min
Response: 2622078
Conc: 21.44 ug/ml



#8 N-DOCOSANE

R.T.: 13.930 min
Delta R.T.: -0.011 min
Response: 2572916
Conc: 21.34 ug/ml



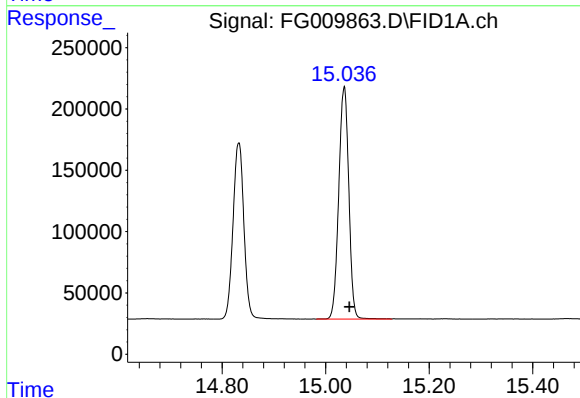
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.832 min
Delta R.T.: -0.011 min
Response: 2094995
Conc: 19.90 ug/ml

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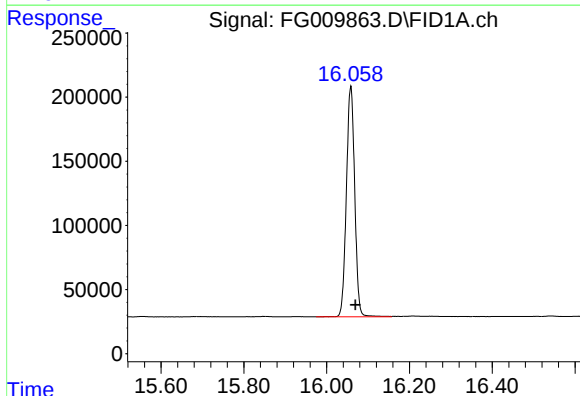
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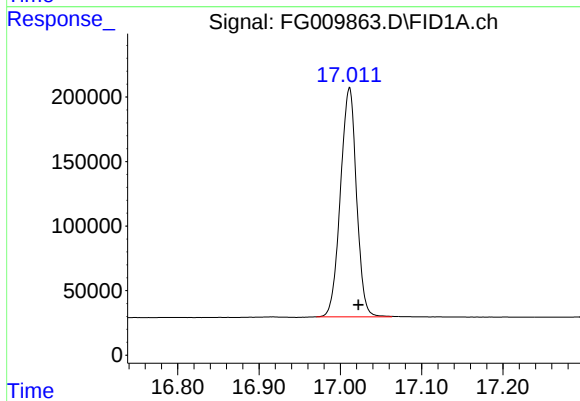
#10 N-TETRACOSANE

R.T.: 15.036 min
Delta R.T.: -0.010 min
Response: 2557011
Conc: 21.82 ug/ml



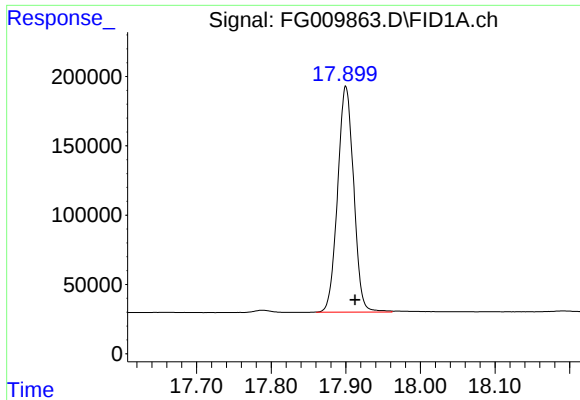
#11 N-HEXACOSANE

R.T.: 16.058 min
Delta R.T.: -0.011 min
Response: 2507768
Conc: 22.11 ug/ml



#12 N-OCTACOSANE

R.T.: 17.011 min
Delta R.T.: -0.011 min
Response: 2440234
Conc: 21.32 ug/ml m



#13 N-TRIACONTANE

R.T.: 17.899 min
Delta R.T.: -0.013 min
Response: 2432280
Conc: 22.59 ug/ml

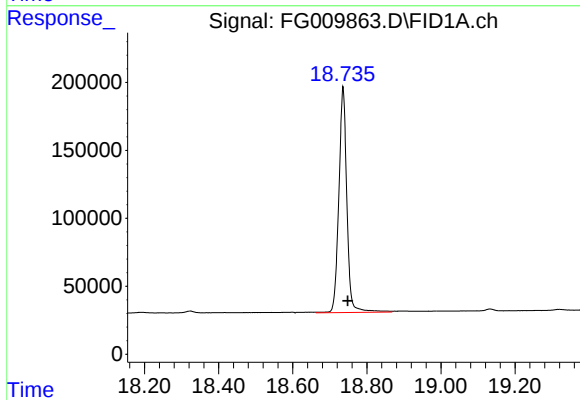
Instrument :

FID_G

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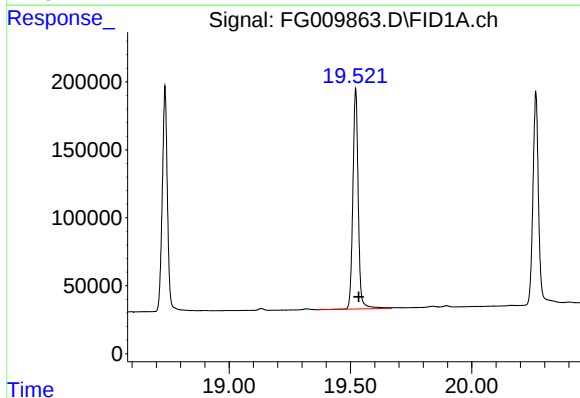
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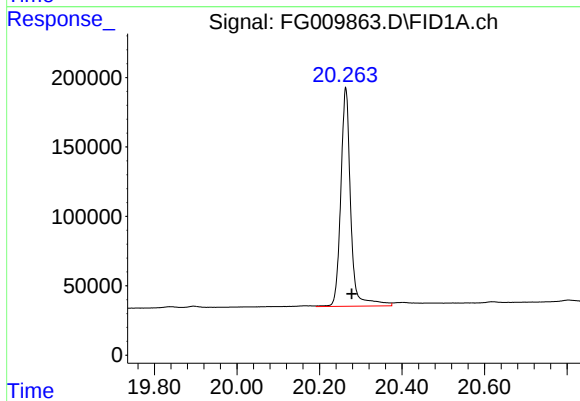
#14 N-DOTRIACONTANE

R.T.: 18.736 min
Delta R.T.: -0.013 min
Response: 2497425
Conc: 23.73 ug/ml



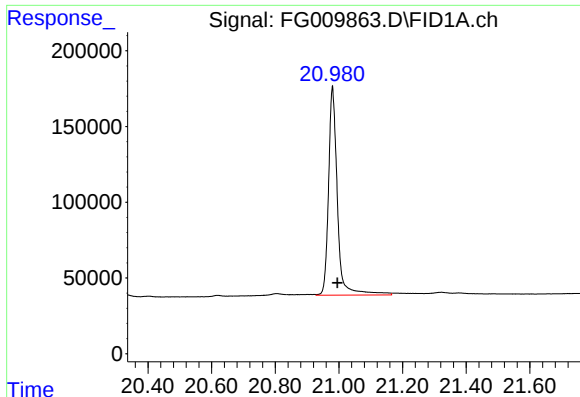
#15 N-TETRATRIACONTANE

R.T.: 19.521 min
Delta R.T.: -0.013 min
Response: 2503023
Conc: 26.07 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.264 min
Delta R.T.: -0.014 min
Response: 2631007
Conc: 32.56 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.980 min
Delta R.T.: -0.016 min
Response: 2662379
Conc: 37.07 ug/ml

Instrument :

FID_G

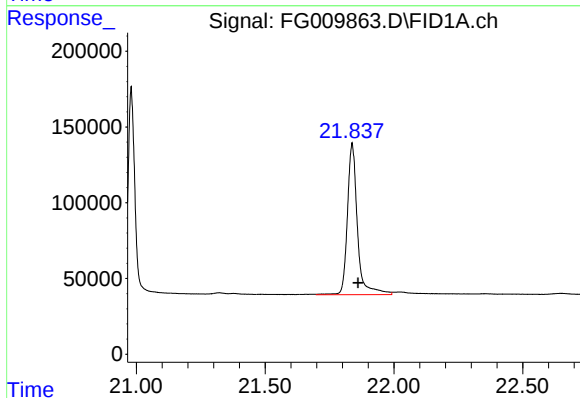
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#18 N-TETRACONTANE

R.T.: 21.837 min
Delta R.T.: -0.024 min
Response: 2711793
Conc: 38.62 ug/ml m