

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG080924\
 Data File : FG014103.D
 Signal(s) : FID1A.ch
 Acq On : 09 Aug 2024 14:53
 Operator : YP\AJ
 Sample : P3489-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WASTEMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/12/2024
 Supervised By :Ankita Jodhani 08/12/2024

Integration File: autoint1.e
 Quant Time: Aug 10 01:49:25 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG072324.M
 Quant Title :
 QLast Update : Tue Jul 23 14:43:06 2024
 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...	14.936	1369703	11.323 ug/ml
Target Compounds			
1) N-OCTANE	1.957	1256770	10.445 ug/ml
2) N-DECANE	4.459	1538544	12.340 ug/ml
3) N-DODECANE	6.631	1774105	13.446 ug/ml
4) N-TETRADECANE	8.463	1817359	13.900 ug/ml
5) N-HEXADECANE	10.073	1971511	14.792 ug/ml
6) N-OCTADECANE	11.519	2347443	17.178 ug/ml
7) N-EICOSANE	12.833	2129793	15.935 ug/ml
8) N-DOCOSANE	14.034	2088819	15.868 ug/ml
10) N-TETRACOSANE	15.140	2140994	16.402 ug/ml
11) N-HEXACOSANE	16.163	2044193	15.915 ug/ml
12) N-OCTACOSANE	17.115	2214002	17.456 ug/ml
13) N-TRIACONTANE	18.006	2175809	17.297 ug/ml
14) N-DOTRIACONTANE	18.840	1895665	15.537 ug/mlm
15) N-TETRATRIACONTANE	19.626	1393849	13.848 ug/mlm
16) N-HEXATRIACONTANE	20.367	889951	10.651 ug/mlm
17) N-OCTATRIACONTANE	21.098	851893	11.422 ug/ml
18) N-TETRACONTANE	21.995	1076368	15.532 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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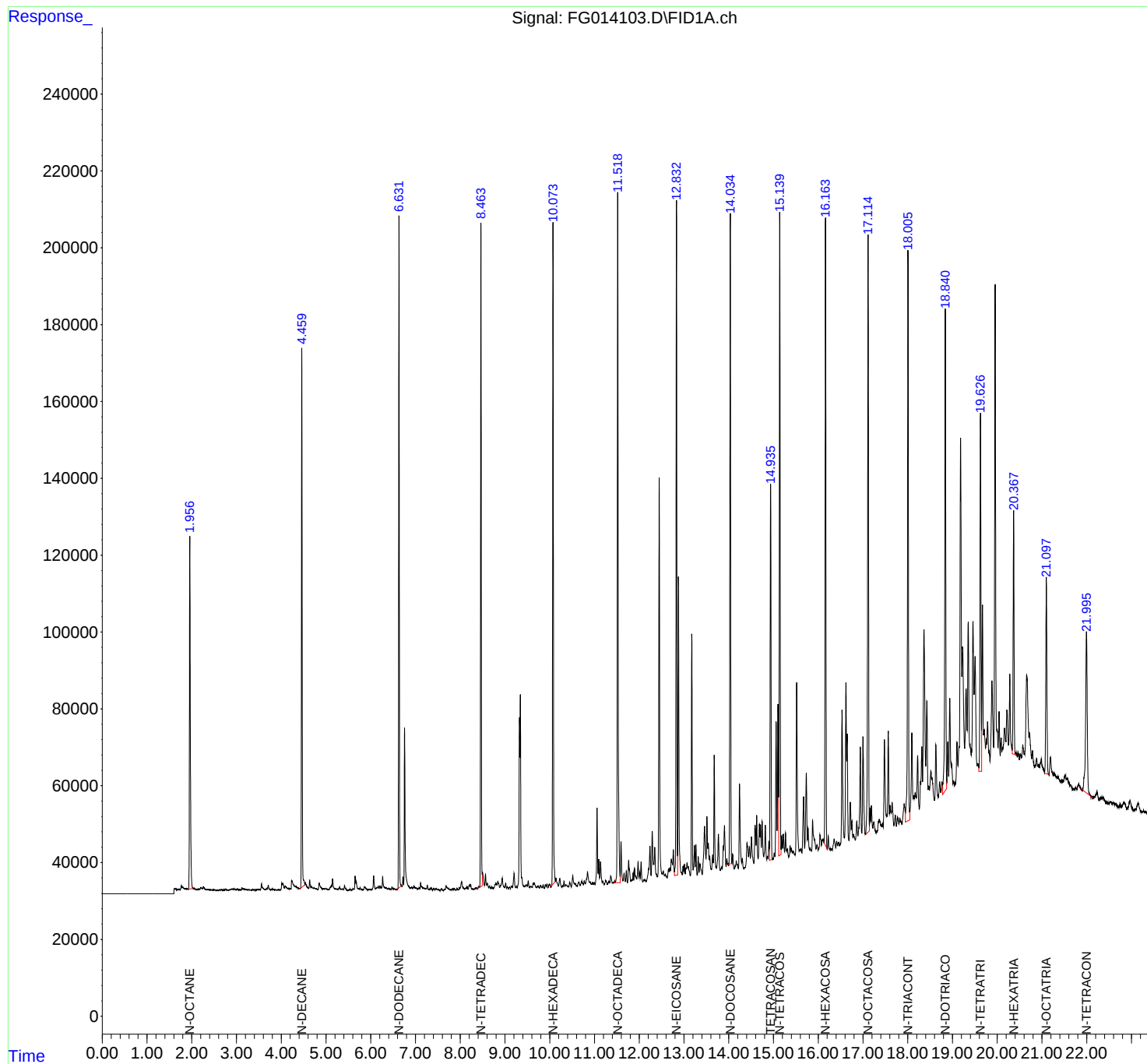
APPROVED

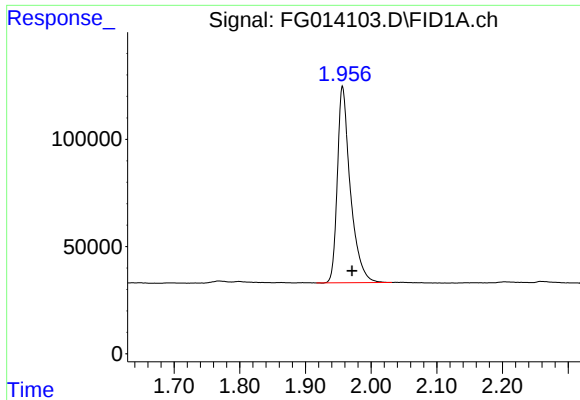
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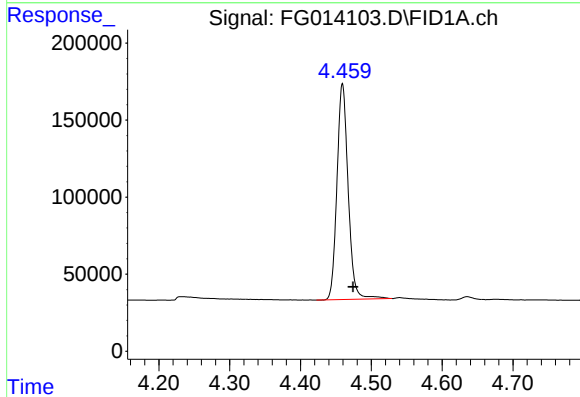
#1 N-OCTANE

R.T.: 1.957 min
Delta R.T.: -0.014 min
Response: 1256770
Conc: 10.44 ug/ml

Instrument :
FID_G
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WASTEMS

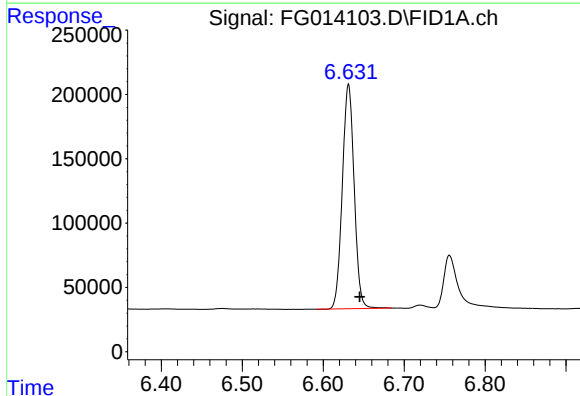
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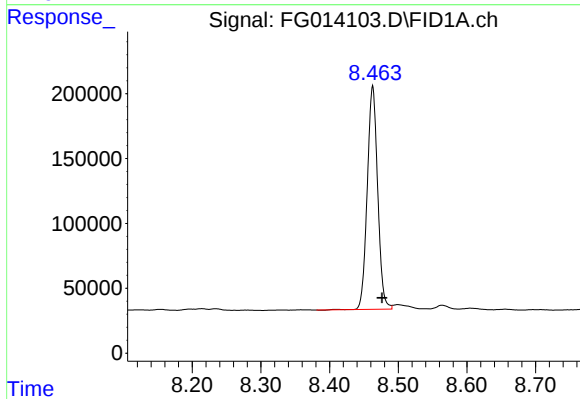
#2 N-DECANE

R.T.: 4.459 min
Delta R.T.: -0.015 min
Response: 1538544
Conc: 12.34 ug/ml



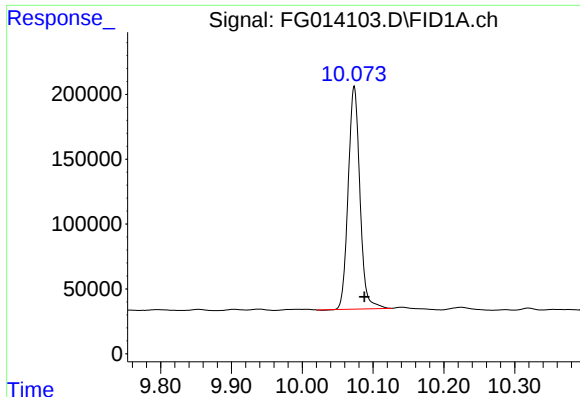
#3 N-DODECANE

R.T.: 6.631 min
Delta R.T.: -0.014 min
Response: 1774105
Conc: 13.45 ug/ml



#4 N-TETRADECANE

R.T.: 8.463 min
Delta R.T.: -0.014 min
Response: 1817359
Conc: 13.90 ug/ml



#5 N-HEXADECANE

R.T.: 10.073 min
Delta R.T.: -0.014 min
Response: 1971511
Conc: 14.79 ug/ml

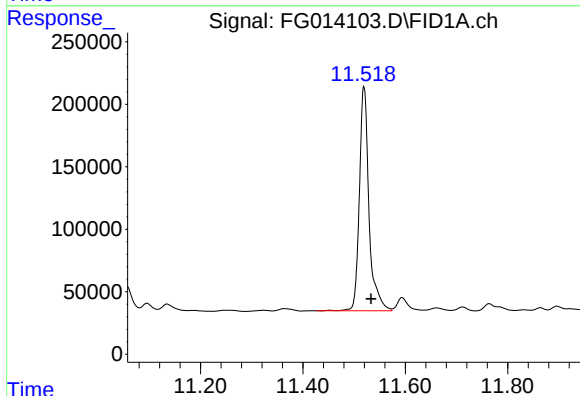
Instrument :

FID_G

ClientSampleId :
WASTEMS

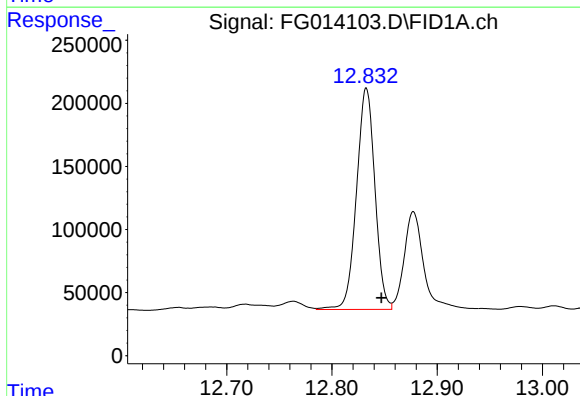
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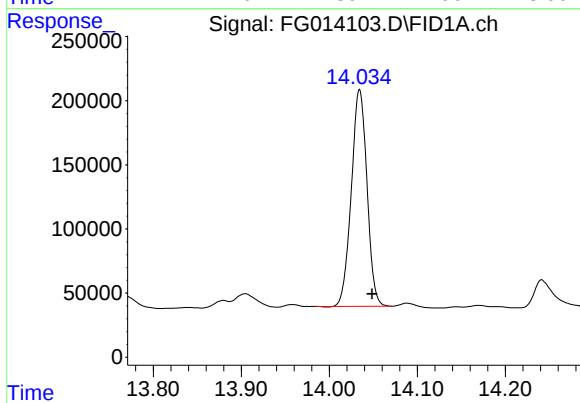
#6 N-OCTADECANE

R.T.: 11.519 min
Delta R.T.: -0.014 min
Response: 2347443
Conc: 17.18 ug/ml



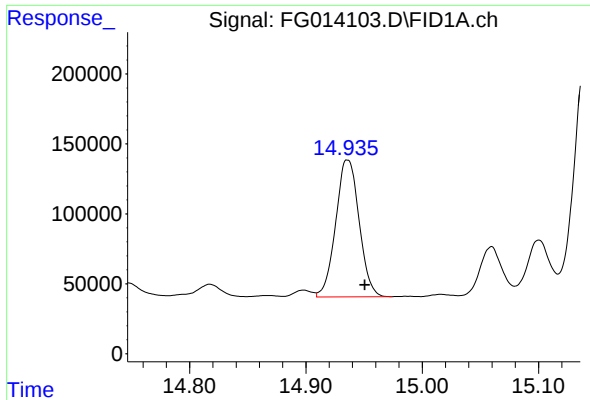
#7 N-EICOSANE

R.T.: 12.833 min
Delta R.T.: -0.014 min
Response: 2129793
Conc: 15.94 ug/ml



#8 N-DOCOSANE

R.T.: 14.034 min
Delta R.T.: -0.014 min
Response: 2088819
Conc: 15.87 ug/ml



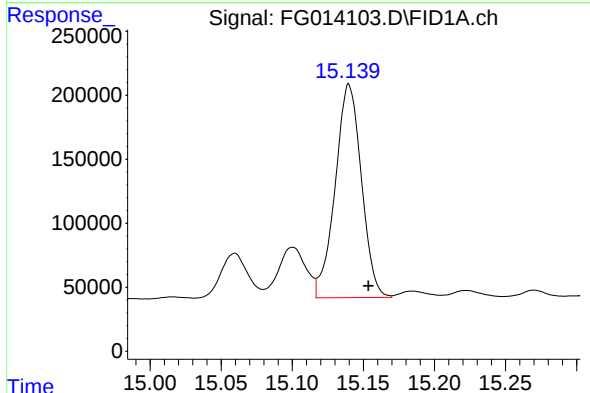
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.936 min
Delta R.T.: -0.015 min
Response: 1369703
Conc: 11.32 ug/ml

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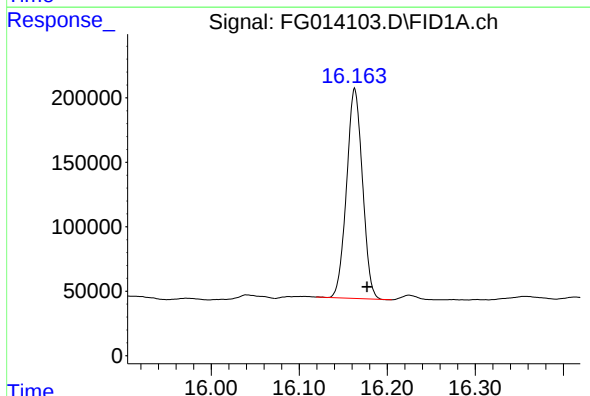
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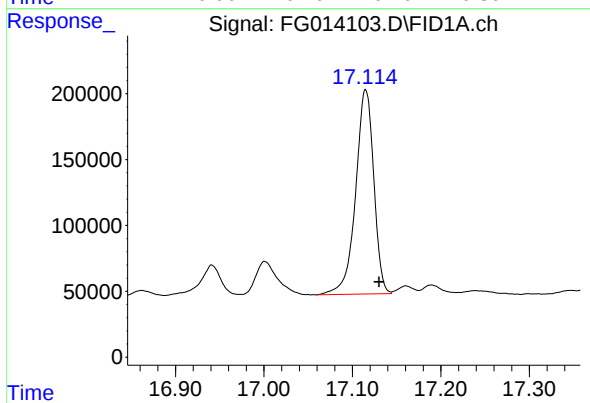
#10 N-TETRACOSANE

R.T.: 15.140 min
Delta R.T.: -0.014 min
Response: 2140994
Conc: 16.40 ug/ml



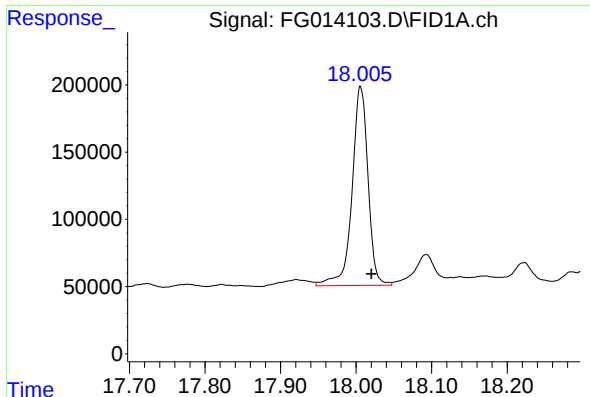
#11 N-HEXACOSANE

R.T.: 16.163 min
Delta R.T.: -0.014 min
Response: 2044193
Conc: 15.92 ug/ml



#12 N-OCTACOSANE

R.T.: 17.115 min
Delta R.T.: -0.015 min
Response: 2214002
Conc: 17.46 ug/ml



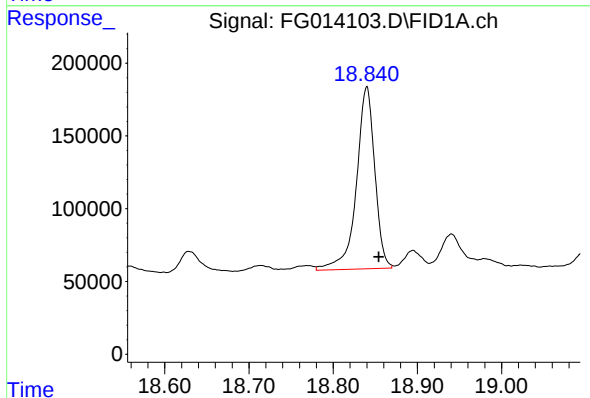
#13 N-TRIACONTANE

R.T.: 18.006 min
Delta R.T.: -0.014 min
Response: 2175809
Conc: 17.30 ug/ml

Instrument :
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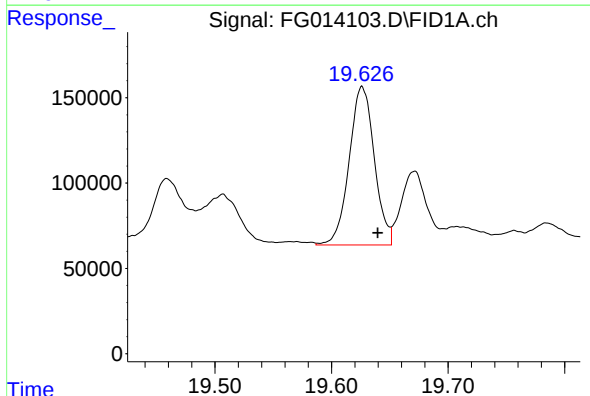
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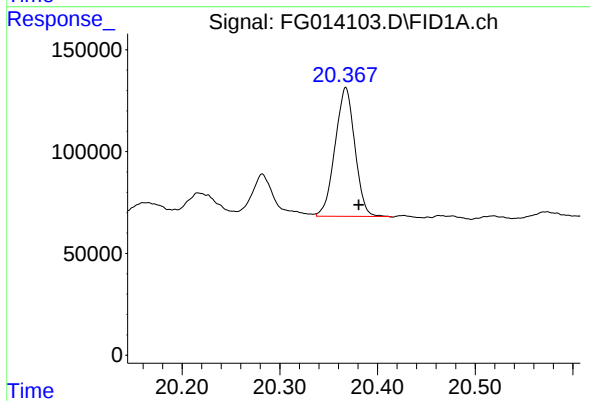
#14 N-DOTRIACONTANE

R.T.: 18.840 min
Delta R.T.: -0.014 min
Response: 1895665
Conc: 15.54 ug/ml m



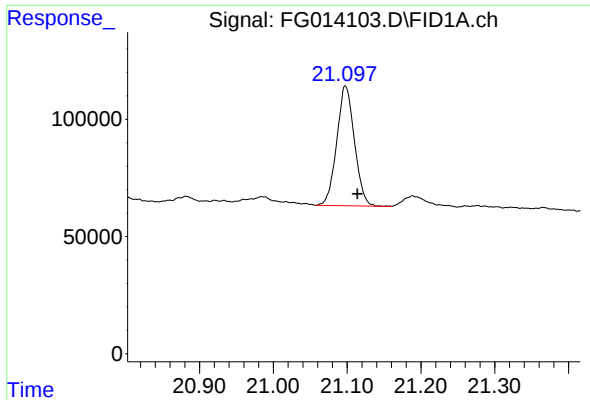
#15 N-TETRATRIACONTANE

R.T.: 19.626 min
Delta R.T.: -0.014 min
Response: 1393849
Conc: 13.85 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.367 min
Delta R.T.: -0.014 min
Response: 889951
Conc: 10.65 ug/ml m



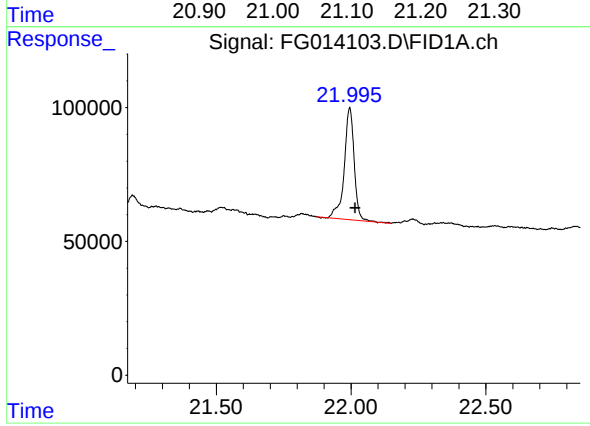
#17 N-OCTATRIACONTANE

R.T.: 21.098 min
Delta R.T.: -0.016 min
Response: 851893
Conc: 11.42 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.995 min
Delta R.T.: -0.020 min
Response: 1076368
Conc: 15.53 ug/ml