

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062223\
 Data File : FG012254.D
 Signal(s) : FID1A.ch
 Acq On : 22 Jun 2023 16:49
 Operator : YP\AJ
 Sample : 03314-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WASTEMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :Ankita Jodhani 06/23/2023

Integration File: autoint1.e
 Quant Time: Jun 23 01:12:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG060223.M
 Quant Title :
 QLast Update : Thu Jun 01 17:30:11 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...	14.996	1438539	10.789 ug/mlm
Target Compounds			
1) N-OCTANE	2.025	2081503	14.967 ug/ml
2) N-DECANE	4.533	2576815	17.489 ug/ml
3) N-DODECANE	6.702	2658773	17.713 ug/ml
4) N-TETRADECANE	8.530	2590418	17.290 ug/ml
5) N-HEXADECANE	10.140	2711672	17.331 ug/ml
6) N-OCTADECANE	11.584	3008927	18.920 ug/ml
7) N-EICOSANE	12.896	2767521	17.440 ug/ml
8) N-DOCOSANE	14.096	2710931	17.743 ug/ml
10) N-TETRACOSANE	15.201	3018873	20.210 ug/ml
11) N-HEXACOSANE	16.223	2550415	18.009 ug/ml
12) N-OCTACOSANE	17.175	2495741	18.436 ug/ml
13) N-TRIACONTANE	18.064	2612928	19.721 ug/ml
14) N-DOTRIACONTANE	18.898	3083285	24.155 ug/ml
15) N-TETRATRIACONTANE	19.684	3622945	29.765 ug/mlm
16) N-HEXATRIACONTANE	20.425	4185533	34.152 ug/mlm
17) N-OCTATRIACONTANE	21.163	4591244	35.985 ug/ml
18) N-TETRACONTANE	22.081	4659617	35.189 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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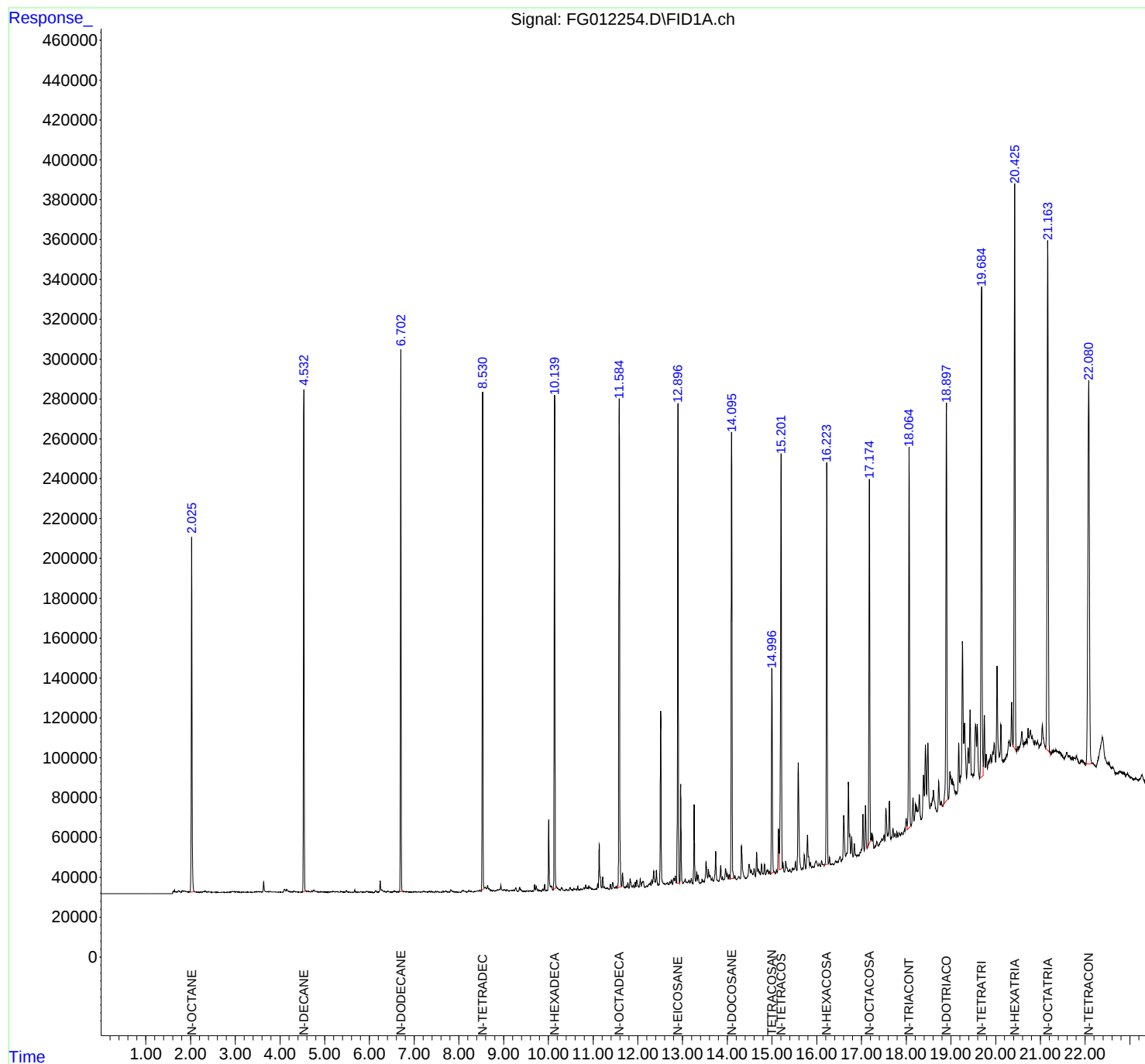
APPROVED

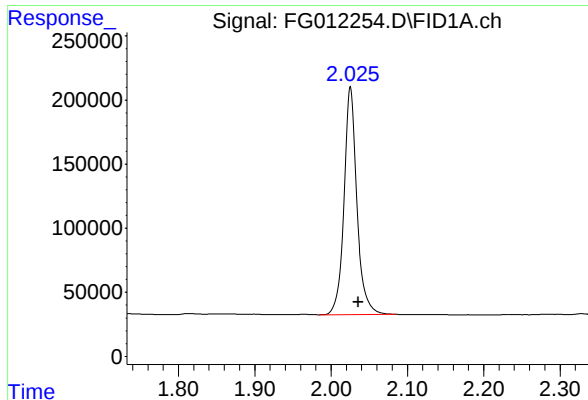
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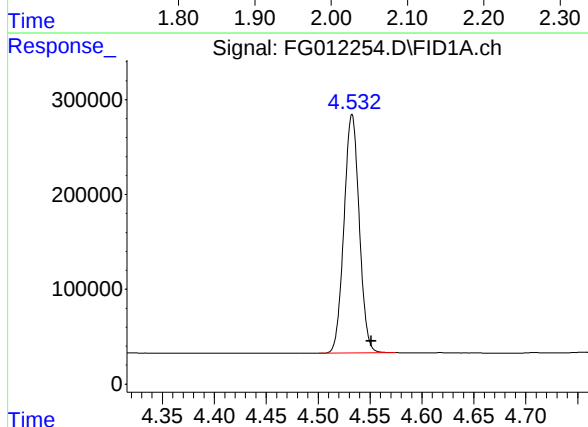
#1 N-OCTANE

R.T.: 2.025 min
Delta R.T.: -0.011 min
Response: 2081503
Conc: 14.97 ug/ml

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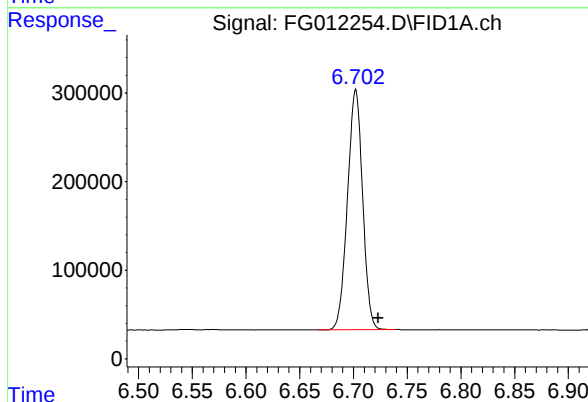
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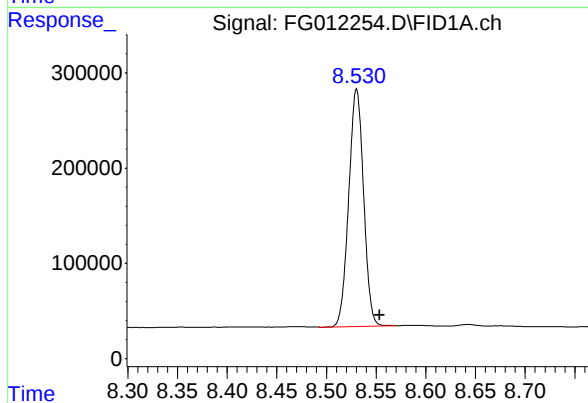
#2 N-DECANE

R.T.: 4.533 min
Delta R.T.: -0.018 min
Response: 2576815
Conc: 17.49 ug/ml



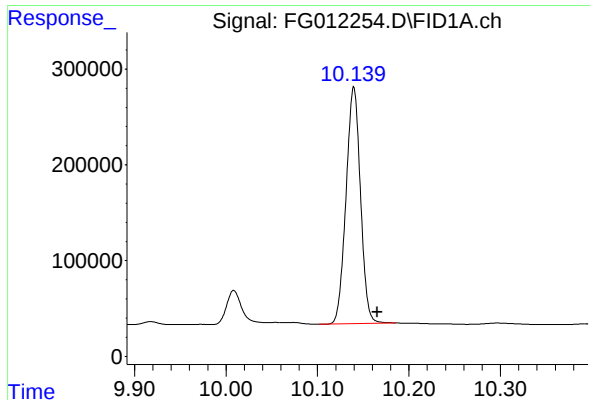
#3 N-DODECANE

R.T.: 6.702 min
Delta R.T.: -0.021 min
Response: 2658773
Conc: 17.71 ug/ml



#4 N-TETRADECANE

R.T.: 8.530 min
Delta R.T.: -0.023 min
Response: 2590418
Conc: 17.29 ug/ml



#5 N-HEXADECANE

R.T.: 10.140 min
Delta R.T.: -0.026 min
Response: 2711672
Conc: 17.33 ug/ml

Instrument :

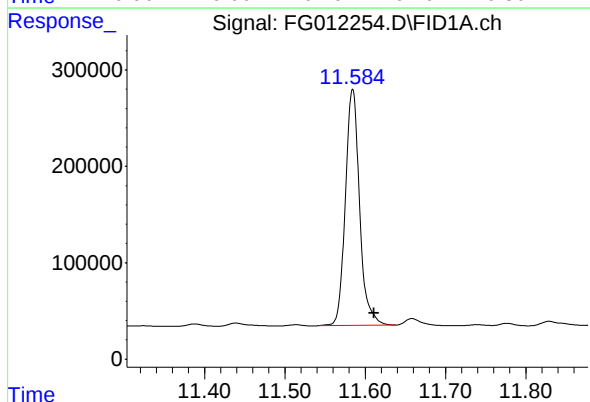
FID_G

ClientSampleId :

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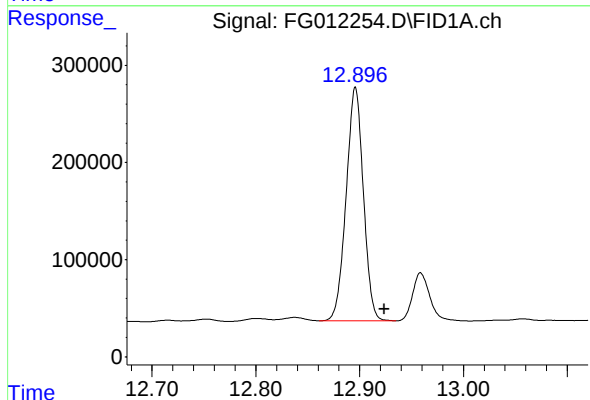
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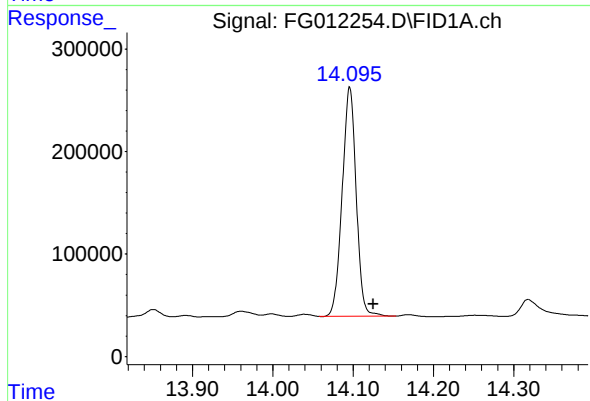
#6 N-OCTADECANE

R.T.: 11.584 min
Delta R.T.: -0.027 min
Response: 3008927
Conc: 18.92 ug/ml



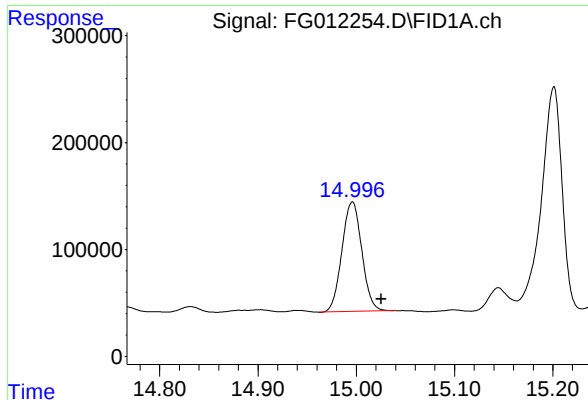
#7 N-EICOSANE

R.T.: 12.896 min
Delta R.T.: -0.028 min
Response: 2767521
Conc: 17.44 ug/ml



#8 N-DOCOSANE

R.T.: 14.096 min
Delta R.T.: -0.029 min
Response: 2710931
Conc: 17.74 ug/ml



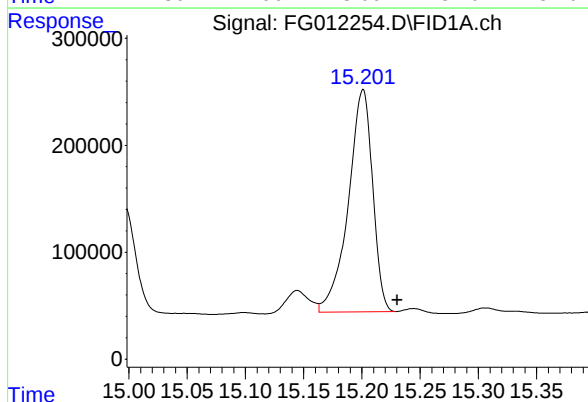
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.996 min
Delta R.T.: -0.029 min
Response: 1438539
Conc: 10.79 ug/ml

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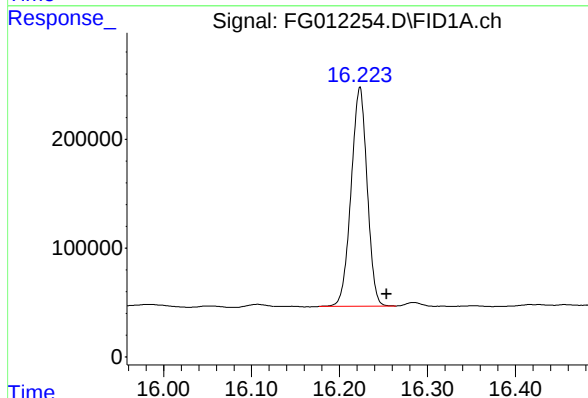
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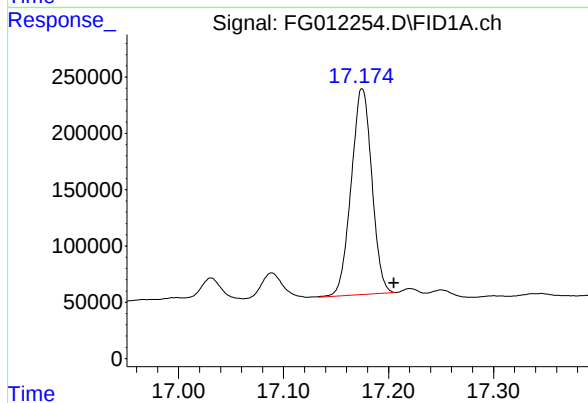
#10 N-TETRACOSANE

R.T.: 15.201 min
Delta R.T.: -0.029 min
Response: 3018873
Conc: 20.21 ug/ml



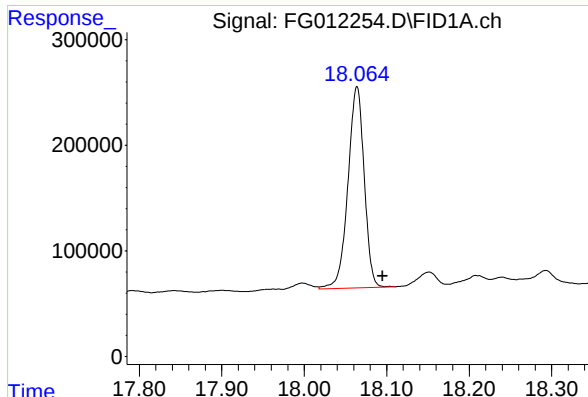
#11 N-HEXACOSANE

R.T.: 16.223 min
Delta R.T.: -0.030 min
Response: 2550415
Conc: 18.01 ug/ml



#12 N-OCTACOSANE

R.T.: 17.175 min
Delta R.T.: -0.030 min
Response: 2495741
Conc: 18.44 ug/ml



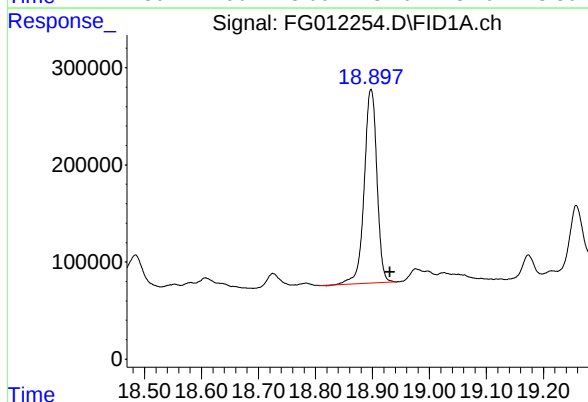
#13 N-TRIACONTANE

R.T.: 18.064 min
Delta R.T.: -0.031 min
Response: 2612928
Conc: 19.72 ug/ml

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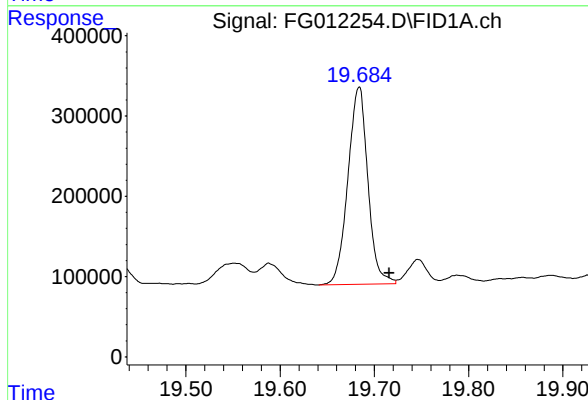
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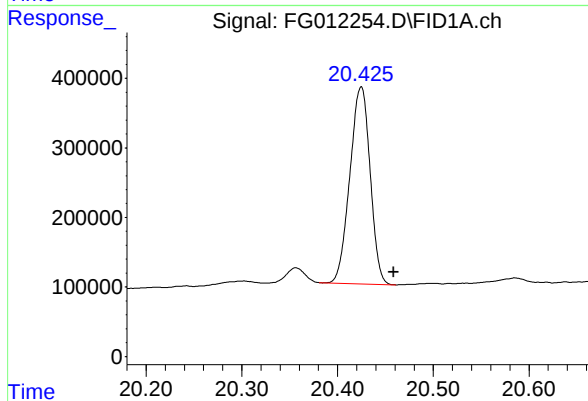
#14 N-DOTRIACONTANE

R.T.: 18.898 min
Delta R.T.: -0.033 min
Response: 3083285
Conc: 24.15 ug/ml



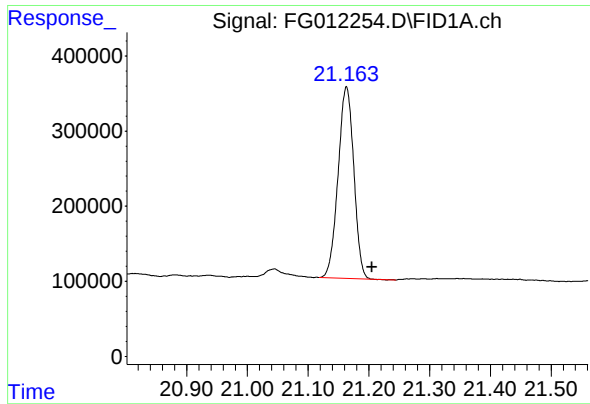
#15 N-TETRATRIACONTANE

R.T.: 19.684 min
Delta R.T.: -0.032 min
Response: 3622945
Conc: 29.76 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.425 min
Delta R.T.: -0.034 min
Response: 4185533
Conc: 34.15 ug/ml m



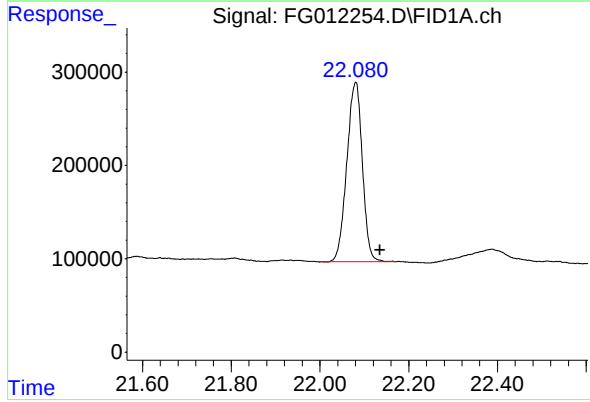
#17 N-OCTATRIACONTANE

R.T.: 21.163 min
Delta R.T.: -0.042 min
Response: 4591244
Conc: 35.99 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.081 min
Delta R.T.: -0.054 min
Response: 4659617
Conc: 35.19 ug/ml