

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062223\
 Data File : FG012252.D
 Signal(s) : FID1A.ch
 Acq On : 22 Jun 2023 15:50
 Operator : YP\AJ
 Sample : PB153679BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB153679BS

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 01:11:59 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...	14.997	2363197	17.724 ug/ml
Target Compounds			
1) N-OCTANE	2.028	2541925	18.277 ug/ml
2) N-DECANE	4.532	3004038	20.388 ug/ml
3) N-DODECANE	6.701	3069509	20.449 ug/ml
4) N-TETRADECANE	8.530	3052092	20.371 ug/ml
5) N-HEXADECANE	10.139	3153366	20.154 ug/ml
6) N-OCTADECANE	11.585	3193405	20.080 ug/ml
7) N-EICOSANE	12.896	3094441	19.500 ug/ml
8) N-DOCOSANE	14.096	3003900	19.660 ug/ml
10) N-TETRACOSANE	15.200	3020082	20.218 ug/ml
11) N-HEXACOSANE	16.222	2812727	19.862 ug/ml
12) N-OCTACOSANE	17.174	2740444	20.244 ug/ml
13) N-TRIACONTANE	18.064	2776571	20.956 ug/ml
14) N-DOTRIACONTANE	18.897	3142647	24.620 ug/ml
15) N-TETRATRIACONTANE	19.684	4045237	33.234 ug/ml
16) N-HEXATRIACONTANE	20.424	4939282	40.302 ug/mlm
17) N-OCTATRIACONTANE	21.163	5352770	41.954 ug/ml
18) N-TETRACONTANE	22.078	5393617	40.732 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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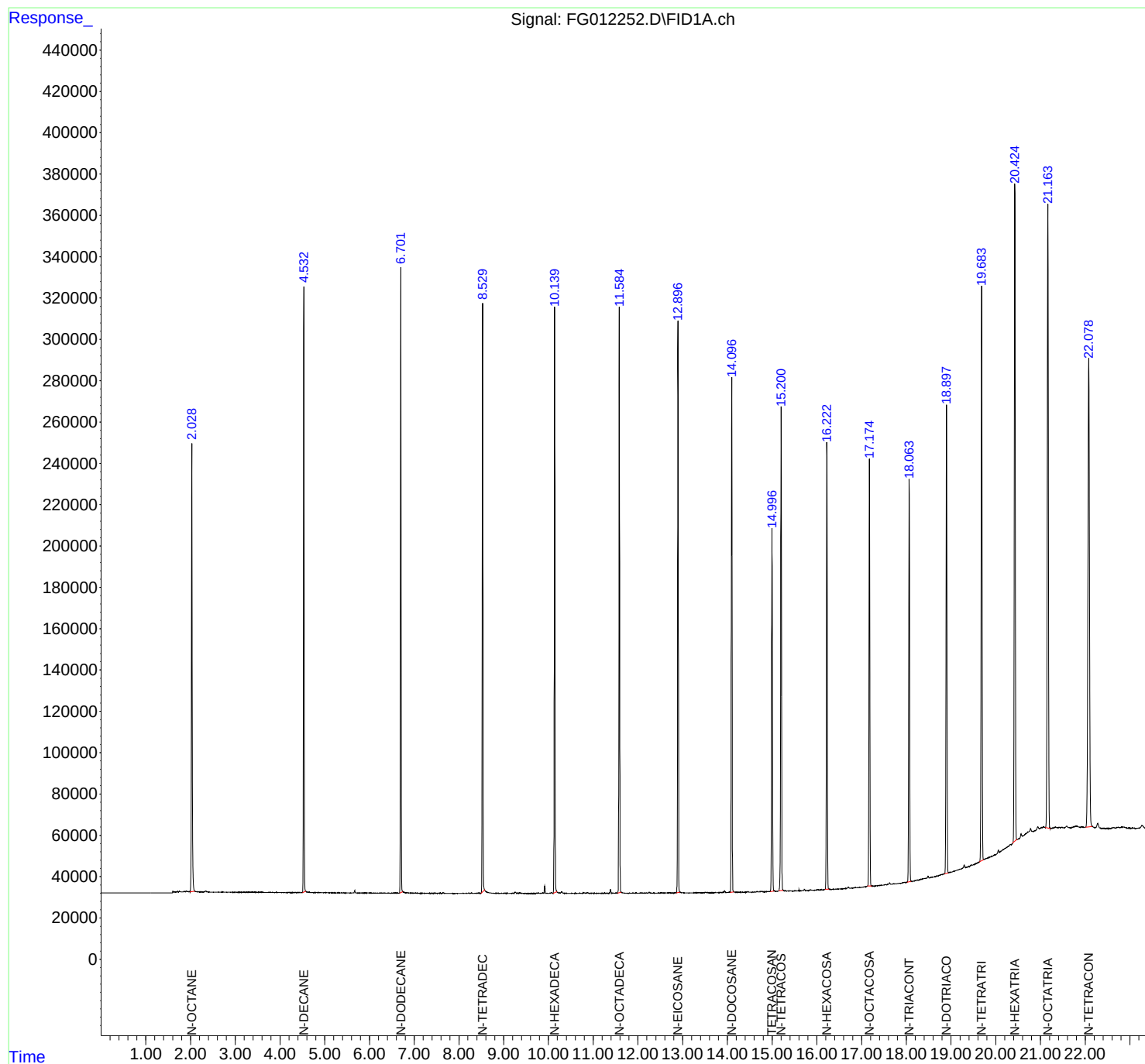
APPROVED

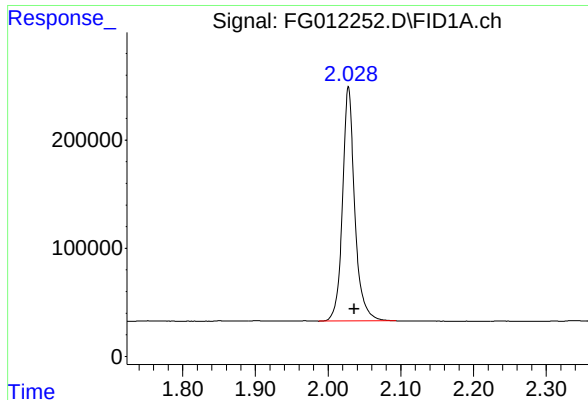
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 2.028 min
Delta R.T.: -0.008 min
Response: 2541925
Conc: 18.28 ug/ml

Instrument :

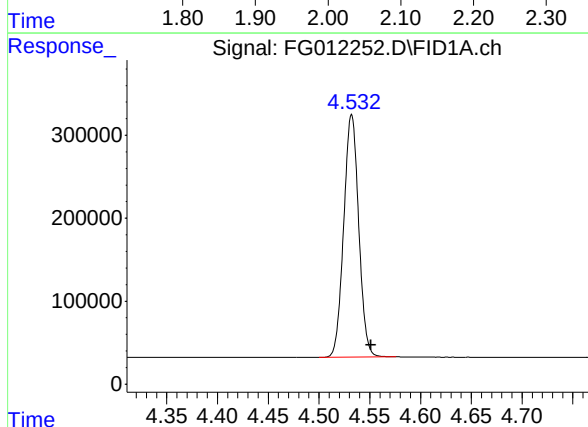
FID_G

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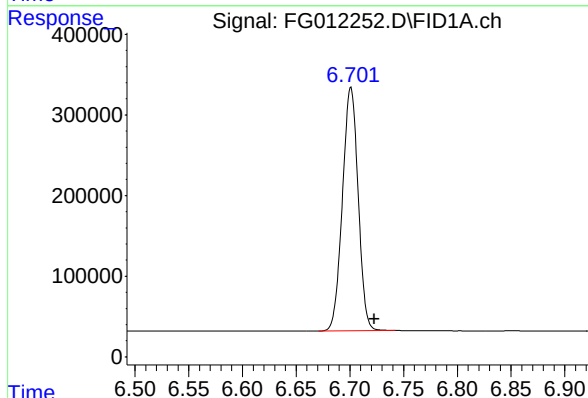
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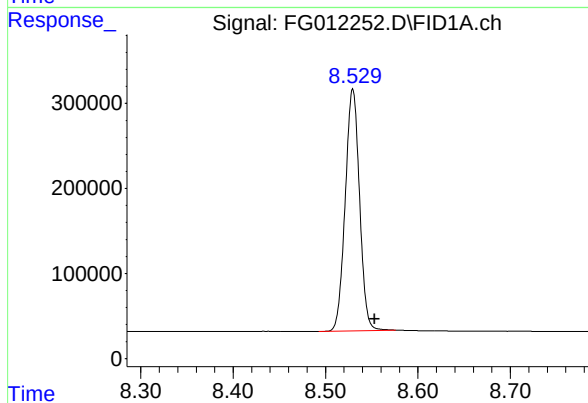
#2 N-DECANE

R.T.: 4.532 min
Delta R.T.: -0.019 min
Response: 3004038
Conc: 20.39 ug/ml



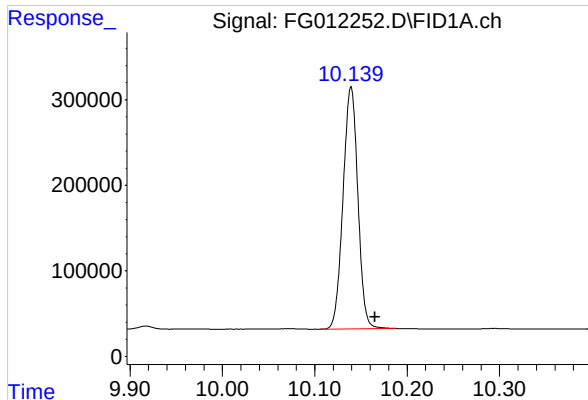
#3 N-DODECANE

R.T.: 6.701 min
Delta R.T.: -0.022 min
Response: 3069509
Conc: 20.45 ug/ml



#4 N-TETRADECANE

R.T.: 8.530 min
Delta R.T.: -0.024 min
Response: 3052092
Conc: 20.37 ug/ml



#5 N-HEXADECANE

R.T.: 10.139 min
Delta R.T.: -0.026 min
Response: 3153366
Conc: 20.15 ug/ml

Instrument :

FID_G

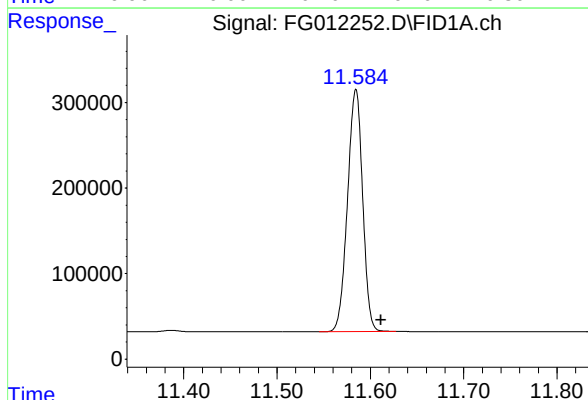
ClientSampleId :

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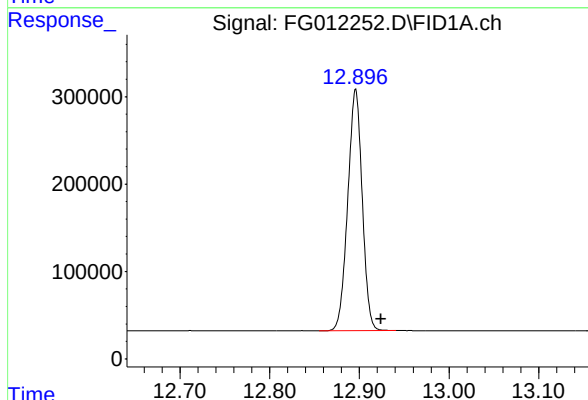
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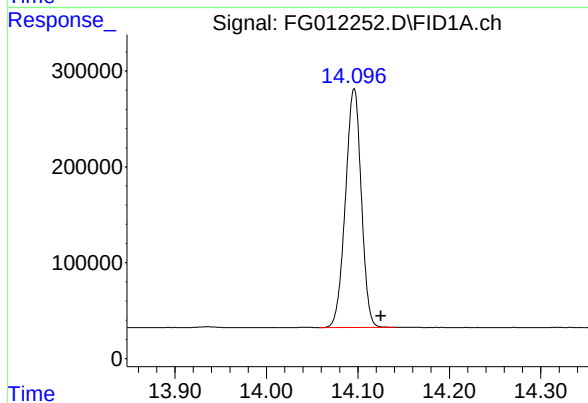
#6 N-OCTADECANE

R.T.: 11.585 min
Delta R.T.: -0.027 min
Response: 3193405
Conc: 20.08 ug/ml



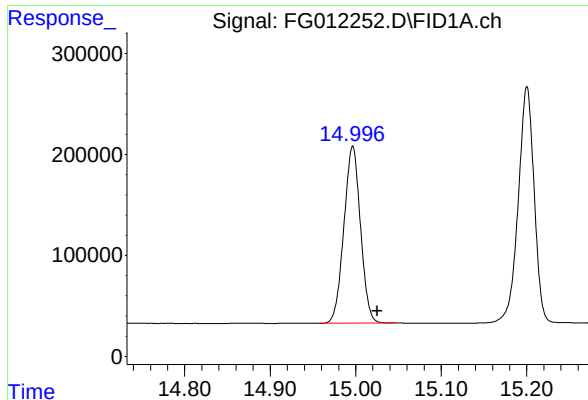
#7 N-EICOSANE

R.T.: 12.896 min
Delta R.T.: -0.028 min
Response: 3094441
Conc: 19.50 ug/ml



#8 N-DOCOSANE

R.T.: 14.096 min
Delta R.T.: -0.029 min
Response: 3003900
Conc: 19.66 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.997 min
Delta R.T.: -0.029 min
Response: 2363197
Conc: 17.72 ug/ml

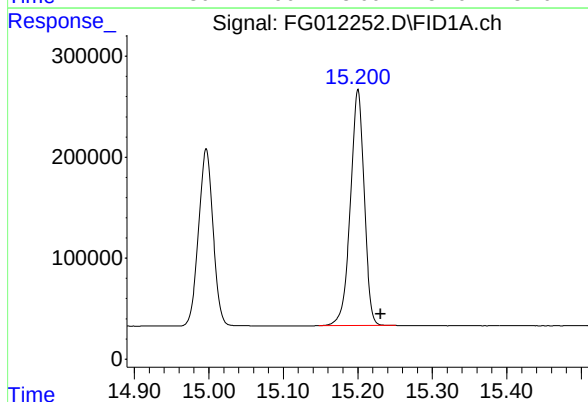
Instrument :

FID_G

ClientSampleId :
PB153679BS

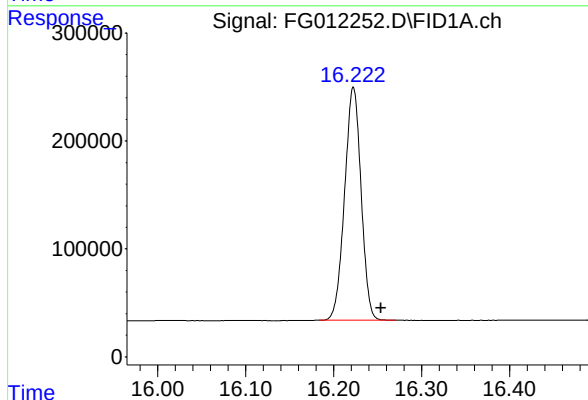
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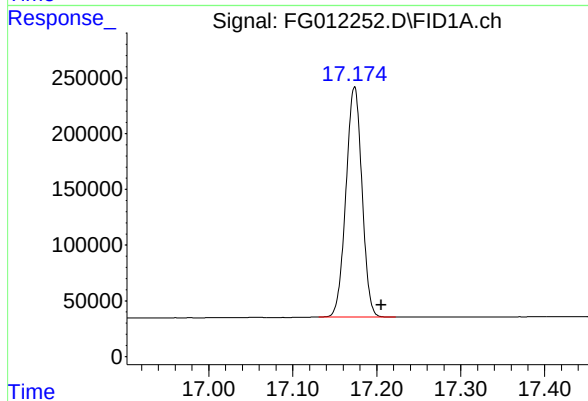
#10 N-TETRACOSANE

R.T.: 15.200 min
Delta R.T.: -0.030 min
Response: 3020082
Conc: 20.22 ug/ml



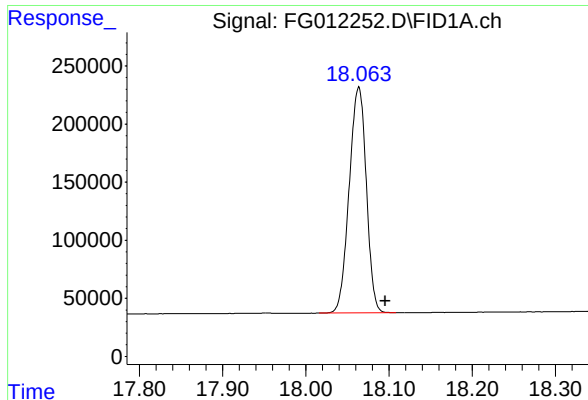
#11 N-HEXACOSANE

R.T.: 16.222 min
Delta R.T.: -0.031 min
Response: 2812727
Conc: 19.86 ug/ml



#12 N-OCTACOSANE

R.T.: 17.174 min
Delta R.T.: -0.032 min
Response: 2740444
Conc: 20.24 ug/ml



#13 N-TRIACONTANE

R.T.: 18.064 min
Delta R.T.: -0.032 min
Response: 2776571
Conc: 20.96 ug/ml

Instrument :

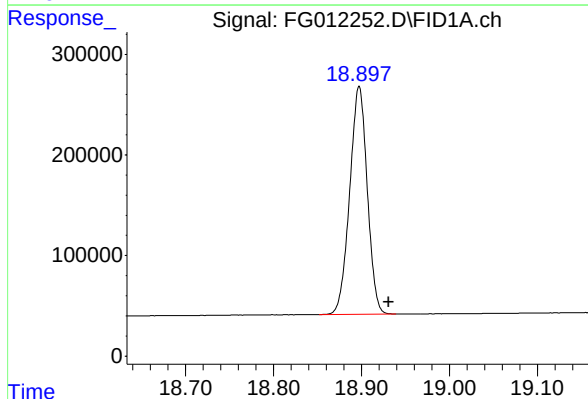
FID_G

ClientSampleId :

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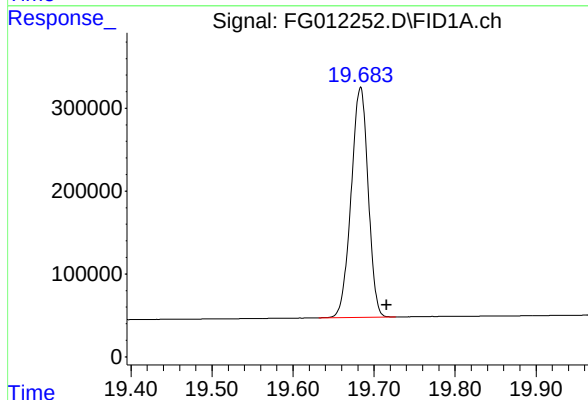
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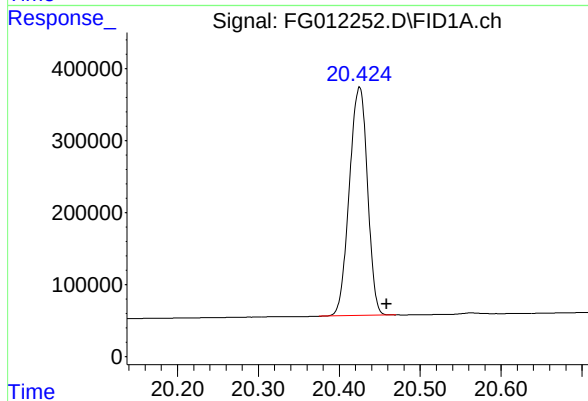
#14 N-DOTRIACONTANE

R.T.: 18.897 min
Delta R.T.: -0.034 min
Response: 3142647
Conc: 24.62 ug/ml



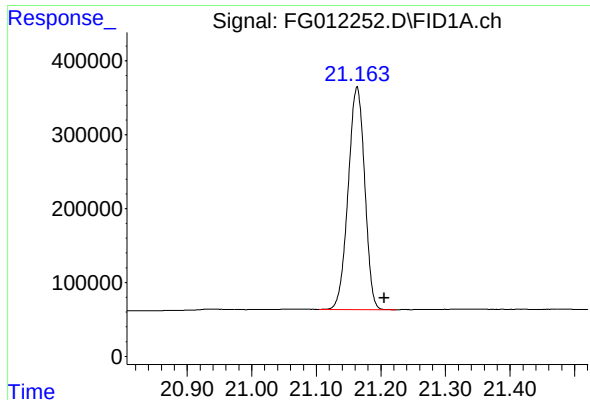
#15 N-TETRATRIACONTANE

R.T.: 19.684 min
Delta R.T.: -0.032 min
Response: 4045237
Conc: 33.23 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.424 min
Delta R.T.: -0.034 min
Response: 4939282
Conc: 40.30 ug/ml m



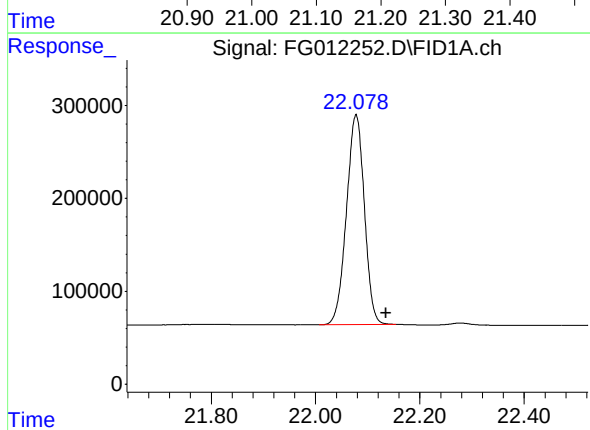
#17 N-OCTATRIACONTANE

R.T.: 21.163 min
Delta R.T.: -0.042 min
Response: 5352770
Conc: 41.95 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.078 min
Delta R.T.: -0.057 min
Response: 5393617
Conc: 40.73 ug/ml