

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112321\
 Data File : FG009095.D
 Signal(s) : FID1A.ch
 Acq On : 23 Nov 2021 17:37
 Operator : AJ\MA
 Sample : 20 TRPH STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 11/24/2021
 Supervised By :mohammad ahmed 11/24/2021

Integration File: autoint1.e
 Quant Time: Nov 24 00:53:36 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG112321.M
 Quant Title :
 QLast Update : Wed Nov 24 00:51:59 2021
 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...	14.756	2330235	19.761 ug/ml
Target Compounds			
1) N-OCTANE	2.337	2942153	19.477 ug/ml
2) N-DECANE	4.439	2986712	19.469 ug/ml
3) N-DODECANE	6.468	3012727	19.591 ug/ml
4) N-TETRADECANE	8.273	2977048	19.600 ug/ml
5) N-HEXADECANE	9.882	2894578	19.544 ug/ml
6) N-OCTADECANE	11.332	2926848	19.742 ug/ml
7) N-EICOSANE	12.648	2869517	19.792 ug/ml
8) N-DOCOSANE	13.853	2746184	19.762 ug/ml
10) N-TETRACOSANE	14.961	2629446	19.662 ug/ml
11) N-HEXACOSANE	15.989	2447326	19.557 ug/ml
12) N-OCTACOSANE	16.943	2271657	19.474 ug/ml
13) N-TRIACONTANE	17.836	2155498	19.648 ug/ml
14) N-DOTRIACONTANE	18.673	2042023	19.614 ug/ml
15) N-TETRATRIACONTANE	19.460	1980344	19.394 ug/ml
16) N-HEXATRIACONTANE	20.204	1882983	19.161 ug/ml
17) N-OCTATRIACONTANE	20.962	1846753	19.071 ug/ml
18) N-TETRACONTANE	21.915	1984524	19.922 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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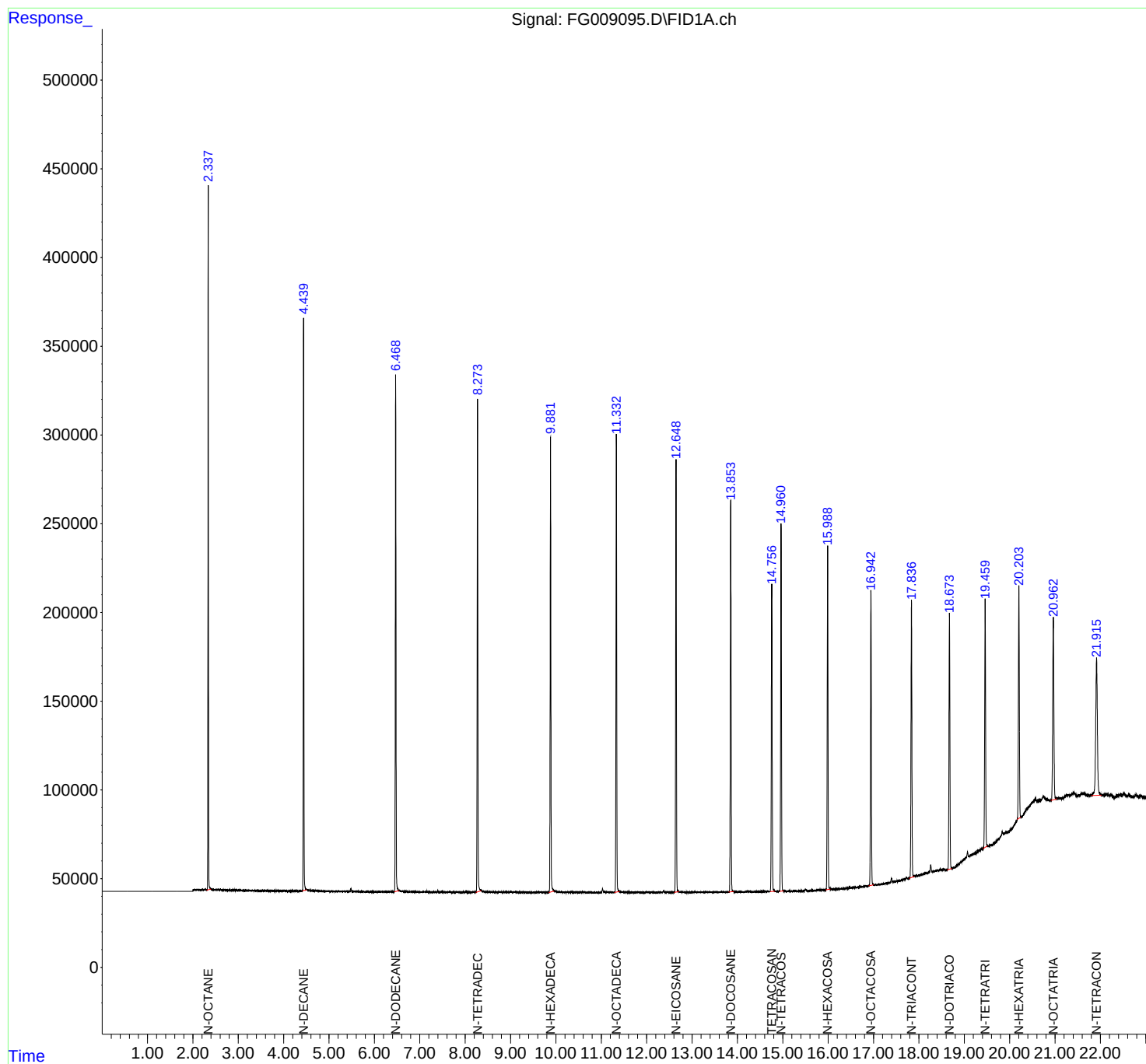
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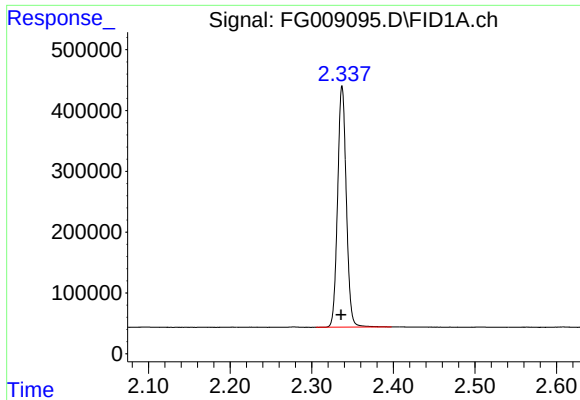
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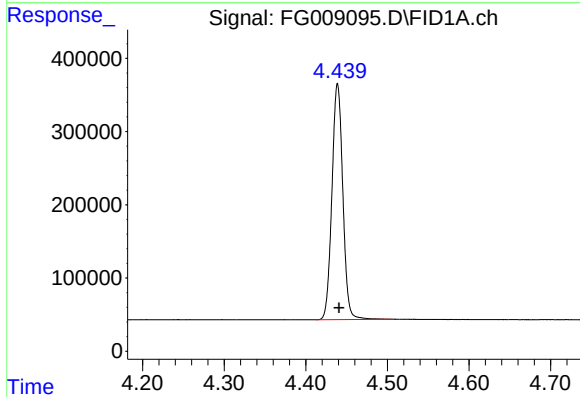
#1 N-OCTANE

R.T.: 2.337 min
Delta R.T.: 0.001 min
Response: 2942153
Conc: 19.48 ug/ml

Instrument :
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20 TRPH STD

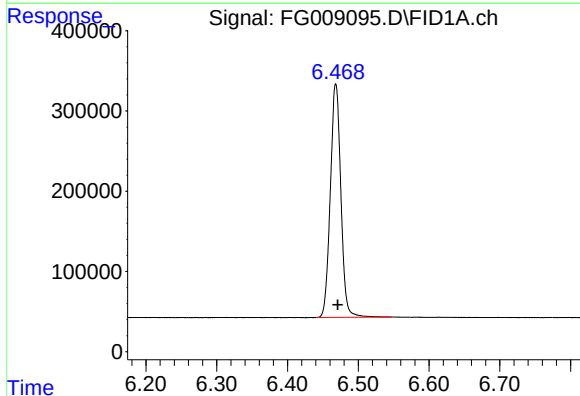
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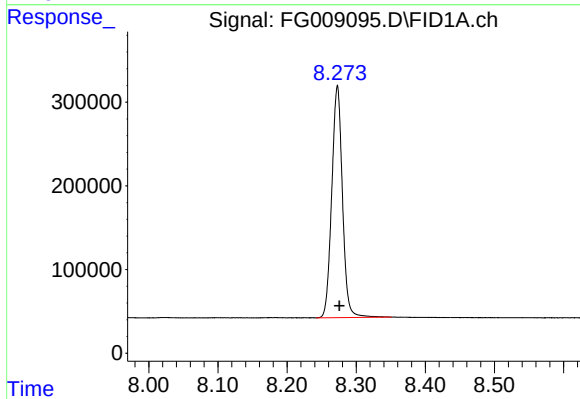
#2 N-DECANE

R.T.: 4.439 min
Delta R.T.: -0.002 min
Response: 2986712
Conc: 19.47 ug/ml



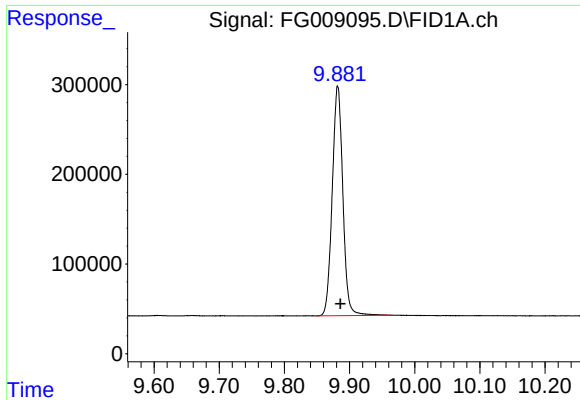
#3 N-DODECANE

R.T.: 6.468 min
Delta R.T.: -0.003 min
Response: 3012727
Conc: 19.59 ug/ml



#4 N-TETRADECANE

R.T.: 8.273 min
Delta R.T.: -0.003 min
Response: 2977048
Conc: 19.60 ug/ml



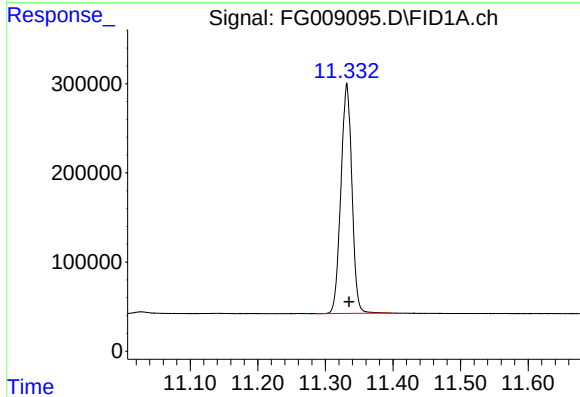
#5 N-HEXADECANE

R.T.: 9.882 min
Delta R.T.: -0.004 min
Response: 2894578
Conc: 19.54 ug/ml

Instrument :
FID_G
ClientSampleId :
20 TRPH STD

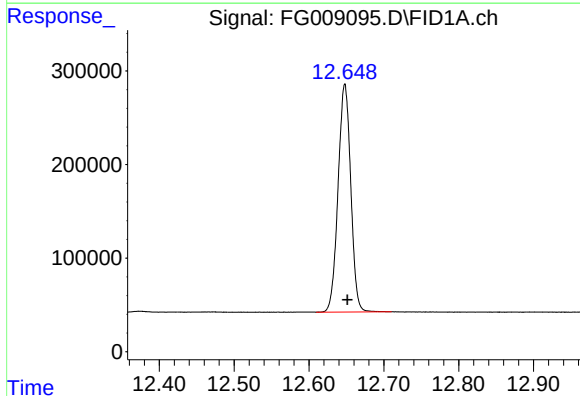
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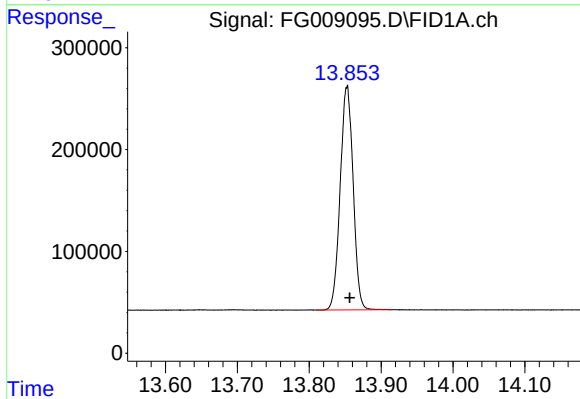
#6 N-OCTADECANE

R.T.: 11.332 min
Delta R.T.: -0.003 min
Response: 2926848
Conc: 19.74 ug/ml



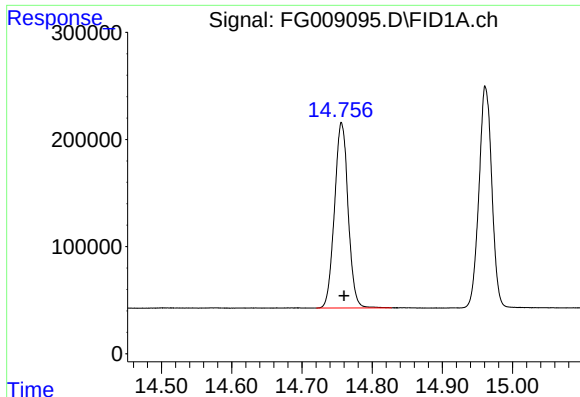
#7 N-EICOSANE

R.T.: 12.648 min
Delta R.T.: -0.004 min
Response: 2869517
Conc: 19.79 ug/ml



#8 N-DOCOSANE

R.T.: 13.853 min
Delta R.T.: -0.004 min
Response: 2746184
Conc: 19.76 ug/ml



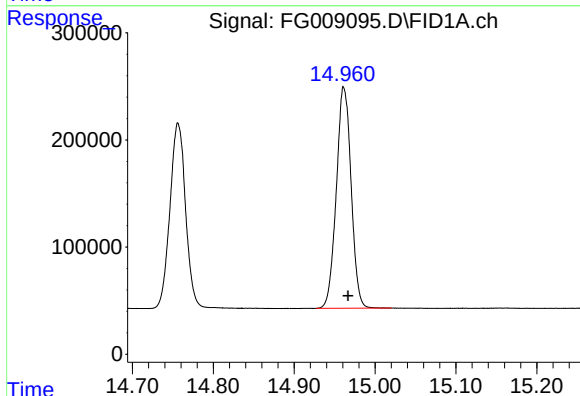
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.756 min
Delta R.T.: -0.004 min
Response: 2330235
Conc: 19.76 ug/ml

Instrument :
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20 TRPH STD

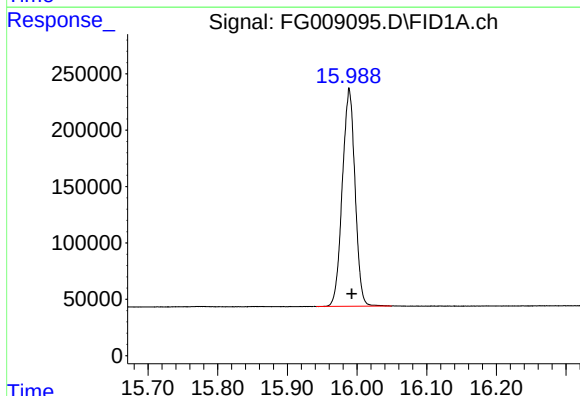
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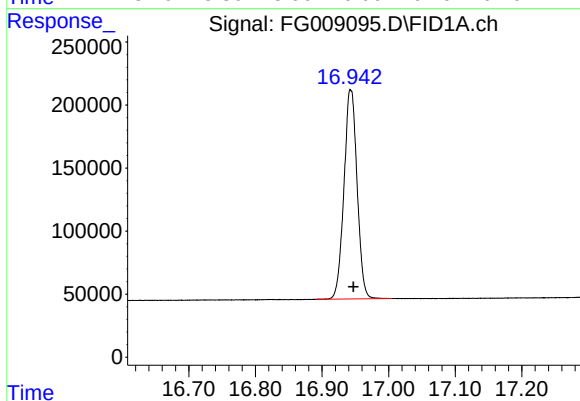
#10 N-TETRACOSANE

R.T.: 14.961 min
Delta R.T.: -0.005 min
Response: 2629446
Conc: 19.66 ug/ml



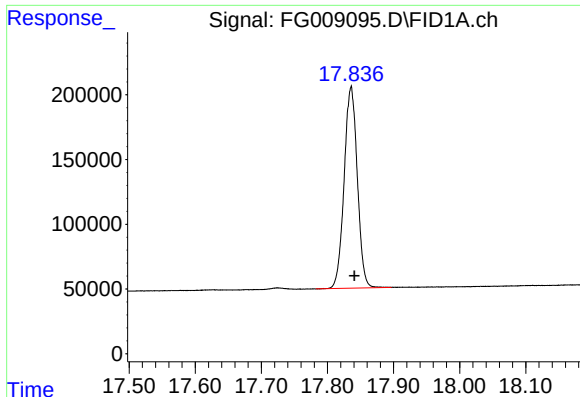
#11 N-HEXACOSANE

R.T.: 15.989 min
Delta R.T.: -0.003 min
Response: 2447326
Conc: 19.56 ug/ml



#12 N-OCTACOSANE

R.T.: 16.943 min
Delta R.T.: -0.004 min
Response: 2271657
Conc: 19.47 ug/ml



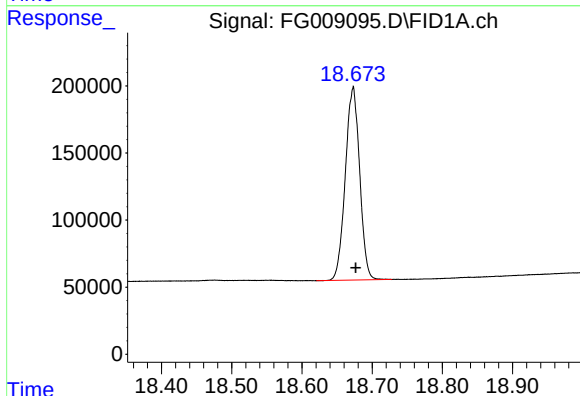
#13 N-TRIACONTANE

R.T.: 17.836 min
Delta R.T.: -0.005 min
Response: 2155498
Conc: 19.65 ug/ml

Instrument :
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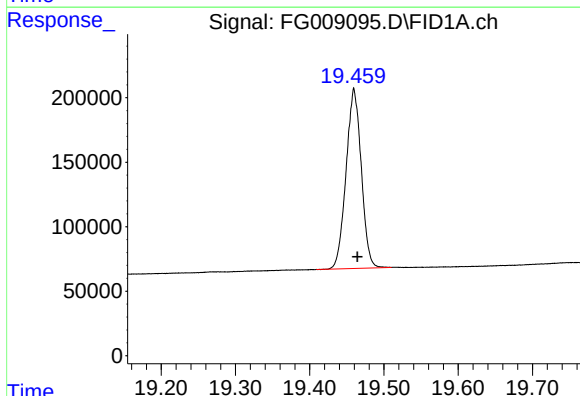
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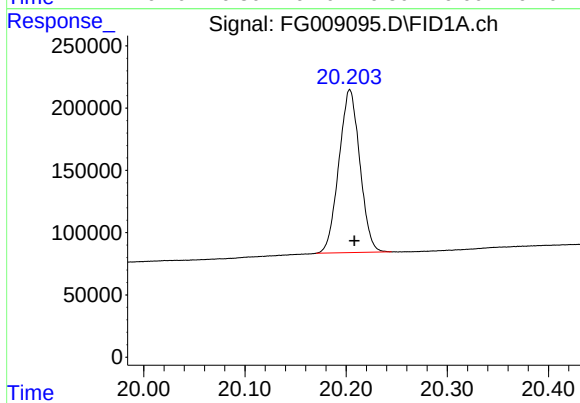
#14 N-DOTRIACONTANE

R.T.: 18.673 min
Delta R.T.: -0.004 min
Response: 2042023
Conc: 19.61 ug/ml



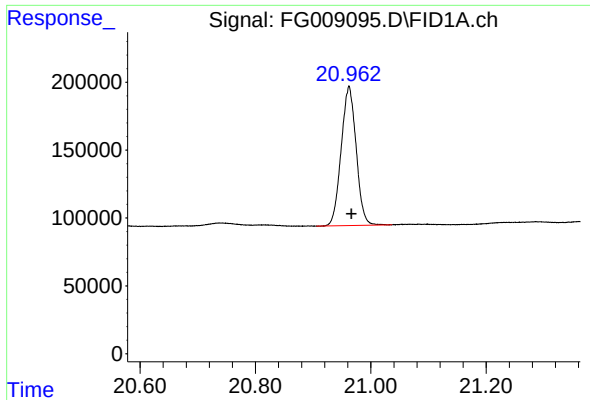
#15 N-TETRATRIACONTANE

R.T.: 19.460 min
Delta R.T.: -0.005 min
Response: 1980344
Conc: 19.39 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.204 min
Delta R.T.: -0.005 min
Response: 1882983
Conc: 19.16 ug/ml



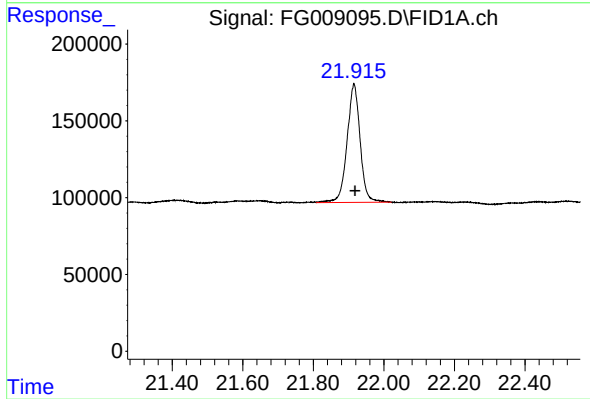
#17 N-OCTATRIACONTANE

R.T.: 20.962 min
Delta R.T.: -0.004 min
Response: 1846753
Conc: 19.07 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.915 min
Delta R.T.: -0.004 min
Response: 1984524
Conc: 19.92 ug/ml m