

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG073123\
 Data File : FG012585.D
 Signal(s) : FID1A.ch
 Acq On : 31 Jul 2023 13:50
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/01/2023
 Supervised By :Ankita Jodhani 08/01/2023

Integration File: Sample.e
 Quant Time: Aug 01 01:20:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070623.M
 Quant Title :
 QLast Update : Thu Jul 06 13:57:02 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...	14.974	4794526	44.865 ug/ml
Target Compounds			
1) N-OCTANE	2.003	5413785	45.059 ug/mlm
2) N-DECANE	4.512	5876171	48.209 ug/ml
3) N-DODECANE	6.682	5826276	47.559 ug/ml
4) N-TETRADECANE	8.511	5738833	48.293 ug/ml
5) N-HEXADECANE	10.120	5641188	44.990 ug/ml
6) N-OCTADECANE	11.563	5635357	43.869 ug/ml
7) N-EICOSANE	12.875	5657747	44.791 ug/ml
8) N-DOCOSANE	14.075	5551572	45.183 ug/ml
10) N-TETRACOSANE	15.179	5563633	42.054 ug/ml
11) N-HEXACOSANE	16.201	5201564	44.449 ug/ml
12) N-OCTACOSANE	17.152	5133146	44.958 ug/ml
13) N-TRIACONTANE	18.041	5046391	45.507 ug/ml
14) N-DOTRIACONTANE	18.876	4798249	45.909 ug/ml
15) N-TETRATRIACONTANE	19.659	4220968	42.869 ug/ml
16) N-HEXATRIACONTANE	20.400	3951760	42.725 ug/ml
17) N-OCTATRIACONTANE	21.132	3718833	41.704 ug/ml
18) N-TETRACONTANE	22.040	3371250	37.975 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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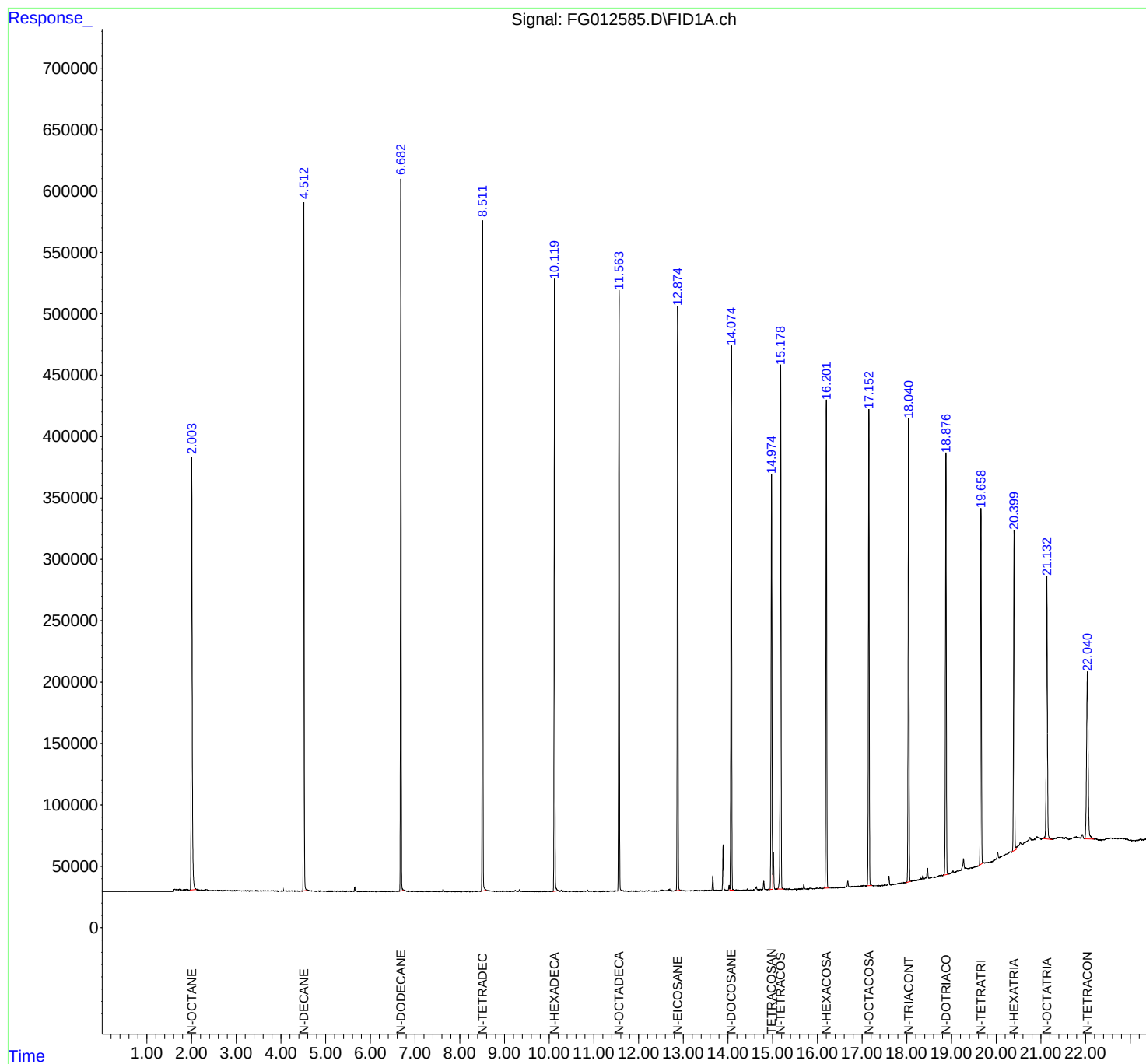
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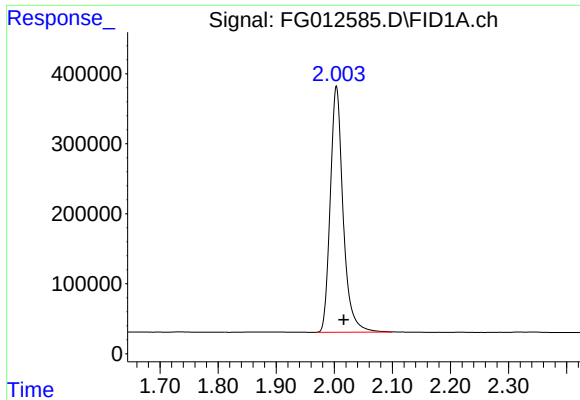
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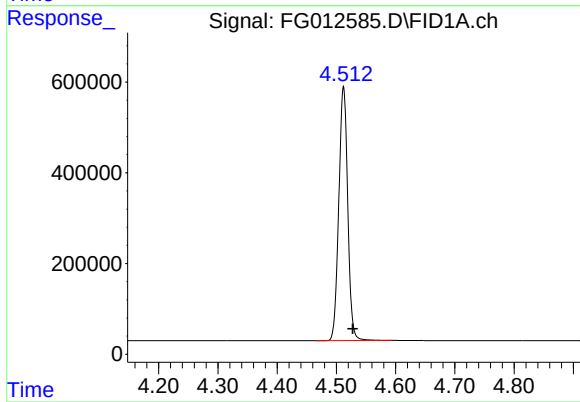
#1 N-OCTANE

R.T.: 2.003 min
Delta R.T.: -0.013 min
Response: 5413785
Conc: 45.06 ug/ml

Instrument :
FID_G
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50 PPM TRPH STD

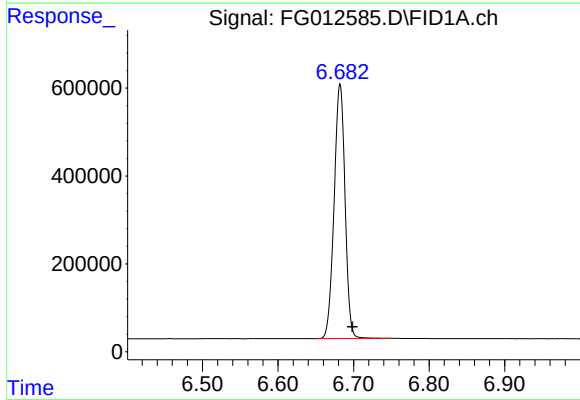
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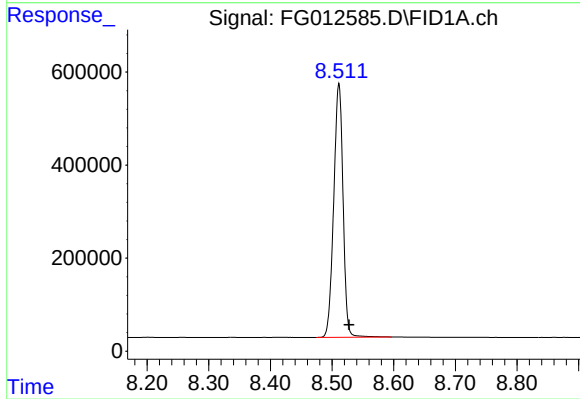
#2 N-DECANE

R.T.: 4.512 min
Delta R.T.: -0.015 min
Response: 5876171
Conc: 48.21 ug/ml



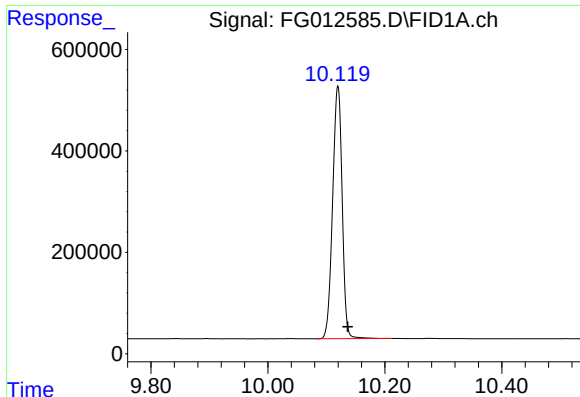
#3 N-DODECANE

R.T.: 6.682 min
Delta R.T.: -0.016 min
Response: 5826276
Conc: 47.56 ug/ml



#4 N-TETRADECANE

R.T.: 8.511 min
Delta R.T.: -0.016 min
Response: 5738833
Conc: 48.29 ug/ml



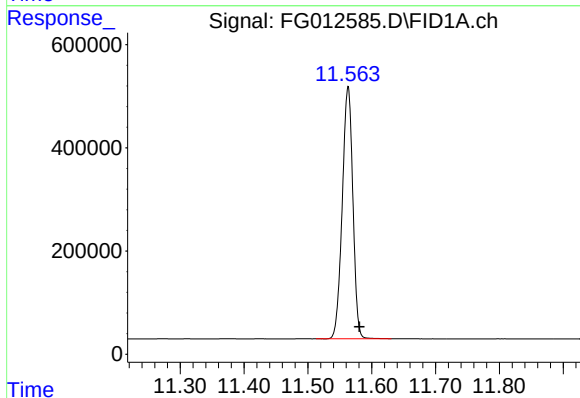
#5 N-HEXADECANE

R.T.: 10.120 min
Delta R.T.: -0.017 min
Response: 5641188
Conc: 44.99 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

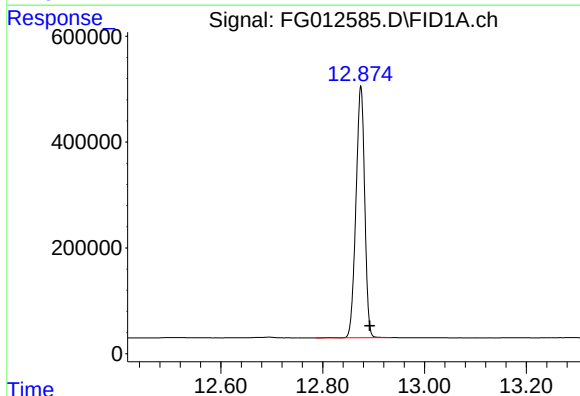
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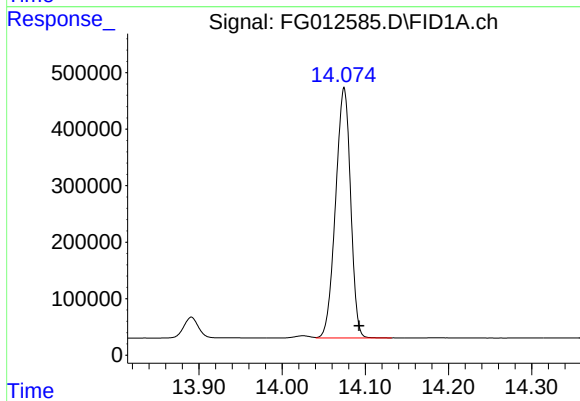
#6 N-OCTADECANE

R.T.: 11.563 min
Delta R.T.: -0.018 min
Response: 5635357
Conc: 43.87 ug/ml



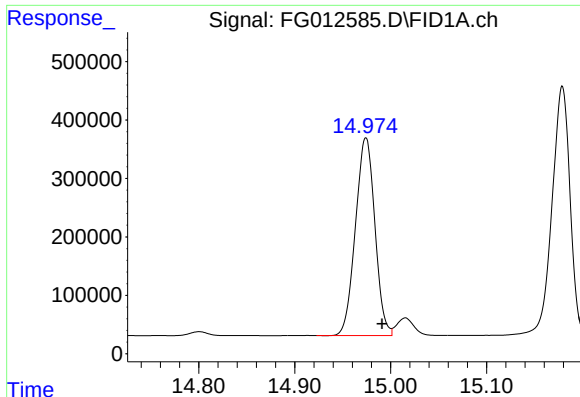
#7 N-EICOSANE

R.T.: 12.875 min
Delta R.T.: -0.018 min
Response: 5657747
Conc: 44.79 ug/ml



#8 N-DOCOSANE

R.T.: 14.075 min
Delta R.T.: -0.018 min
Response: 5551572
Conc: 45.18 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.974 min
Delta R.T.: -0.017 min
Response: 4794526
Conc: 44.87 ug/ml

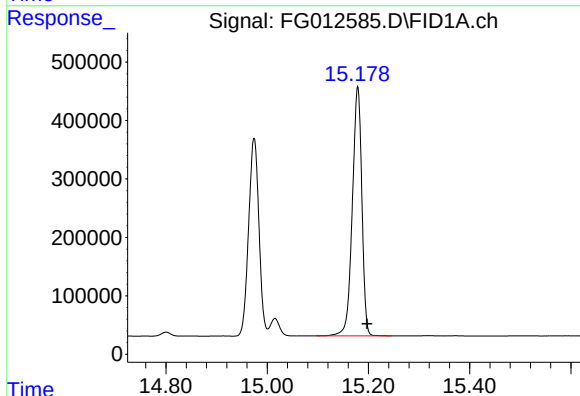
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

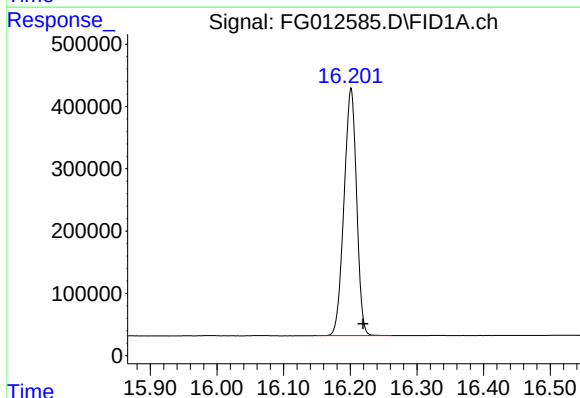
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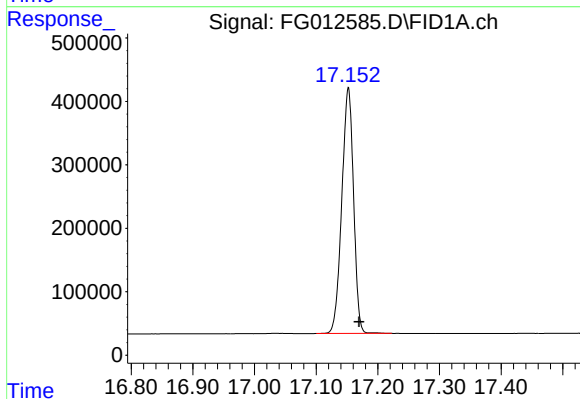
#10 N-TETRACOSANE

R.T.: 15.179 min
Delta R.T.: -0.018 min
Response: 5563633
Conc: 42.05 ug/ml



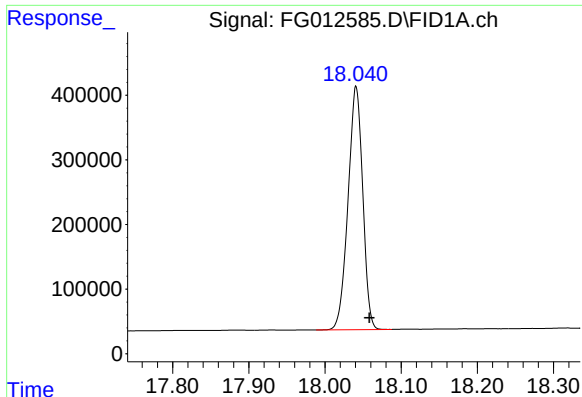
#11 N-HEXACOSANE

R.T.: 16.201 min
Delta R.T.: -0.018 min
Response: 5201564
Conc: 44.45 ug/ml



#12 N-OCTACOSANE

R.T.: 17.152 min
Delta R.T.: -0.018 min
Response: 5133146
Conc: 44.96 ug/ml



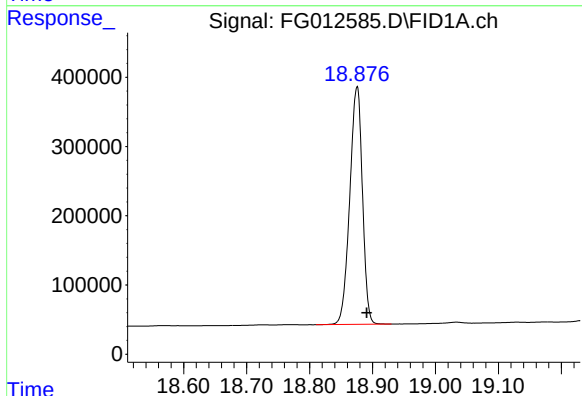
#13 N-TRIACONTANE

R.T.: 18.041 min
Delta R.T.: -0.017 min
Response: 5046391
Conc: 45.51 ug/ml

Instrument :
FID_G
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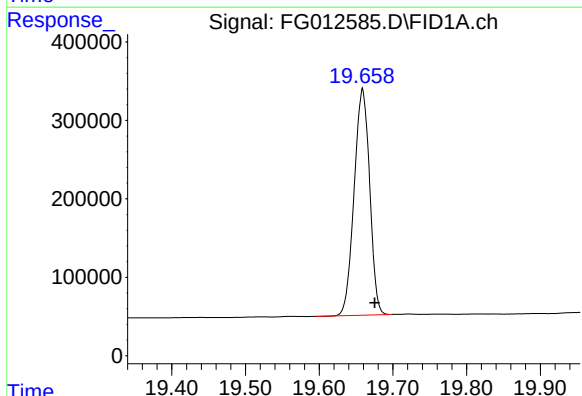
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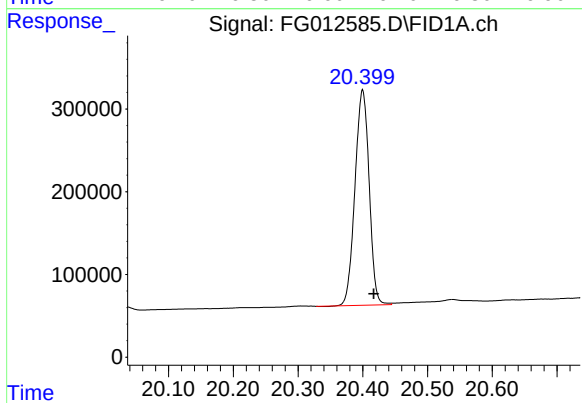
#14 N-DOTRIACONTANE

R.T.: 18.876 min
Delta R.T.: -0.015 min
Response: 4798249
Conc: 45.91 ug/ml



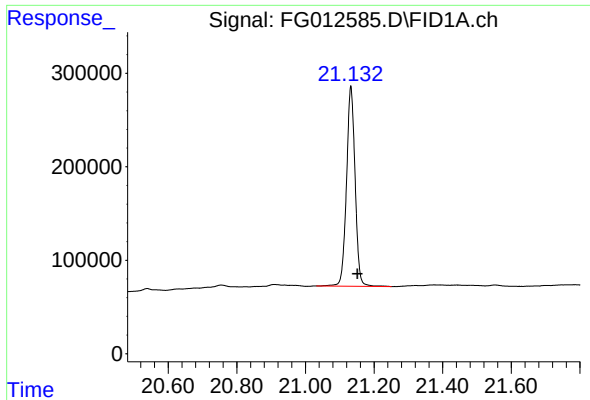
#15 N-TETRATRIACONTANE

R.T.: 19.659 min
Delta R.T.: -0.017 min
Response: 4220968
Conc: 42.87 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.400 min
Delta R.T.: -0.017 min
Response: 3951760
Conc: 42.72 ug/ml



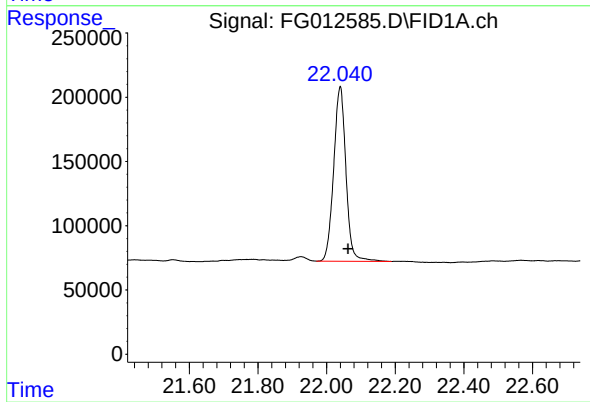
#17 N-OCTATRIACONTANE

R.T.: 21.132 min
Delta R.T.: -0.019 min
Response: 3718833
Conc: 41.70 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.040 min
Delta R.T.: -0.023 min
Response: 3371250
Conc: 37.97 ug/ml