

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092322\
 Data File : FG010677.D
 Signal(s) : FID1A.ch
 Acq On : 23 Sep 2022 20:23
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/26/2022
 Supervised By :Ankita Jodhani 09/26/2022

Integration File: autoint1.e
 Quant Time: Sep 24 14:47:58 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG082622.M
 Quant Title :
 QLast Update : Fri Aug 26 23:48:05 2022
 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...	14.777	5381112	43.969 ug/ml
Target Compounds			
1) N-OCTANE	1.799	6181350	49.118 ug/ml
2) N-DECANE	4.303	6342650	49.483 ug/ml
3) N-DODECANE	6.485	6448658	48.998 ug/ml
4) N-TETRADECANE	8.315	6485406	47.916 ug/ml
5) N-HEXADECANE	9.923	6574760	46.921 ug/ml
6) N-OCTADECANE	11.366	6578707	46.077 ug/ml
7) N-EICOSANE	12.678	6473109	45.336 ug/ml
8) N-DOCOSANE	13.877	6225464	44.674 ug/ml
10) N-TETRACOSANE	14.982	6105767	44.065 ug/ml
11) N-HEXACOSANE	16.004	5926199	43.684 ug/ml
12) N-OCTACOSANE	16.955	5795377	43.823 ug/ml
13) N-TRIACONTANE	17.843	5729716	44.219 ug/ml
14) N-DOTRIACONTANE	18.676	5458342	42.693 ug/ml
15) N-TETRATRIACONTANE	19.461	4979686	40.253 ug/ml
16) N-HEXATRIACONTANE	20.201	4734129	40.788 ug/ml
17) N-OCTATRIACONTANE	20.913	4651987	40.502 ug/ml
18) N-TETRACONTANE	21.750	4935806	41.864 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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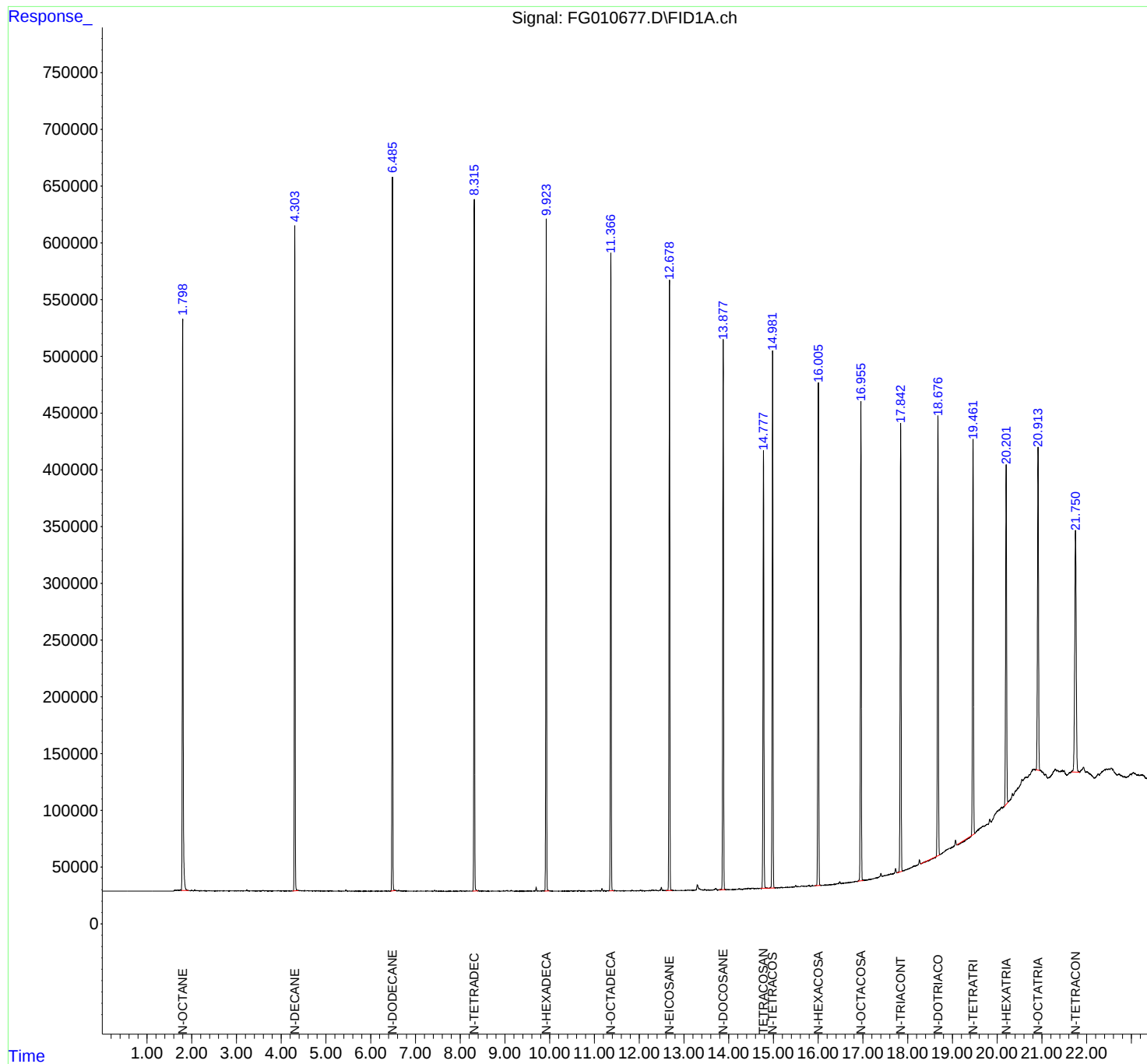
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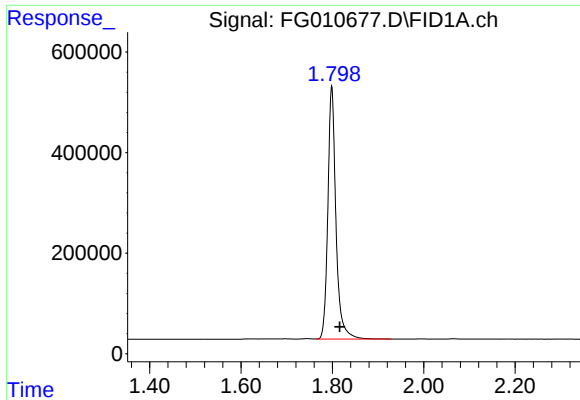
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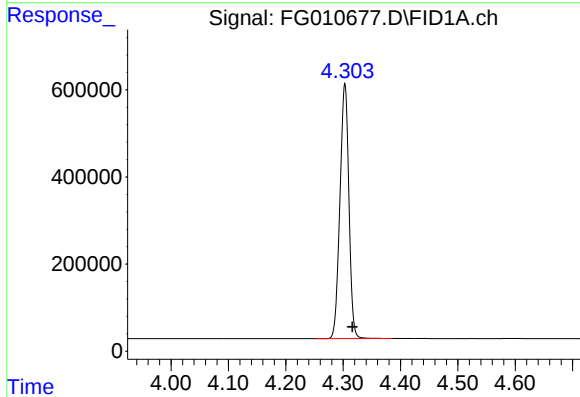
#1 N-OCTANE

R.T.: 1.799 min
Delta R.T.: -0.017 min
Response: 6181350
Conc: 49.12 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

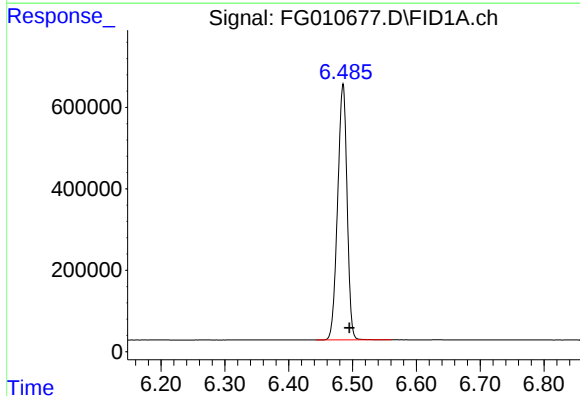
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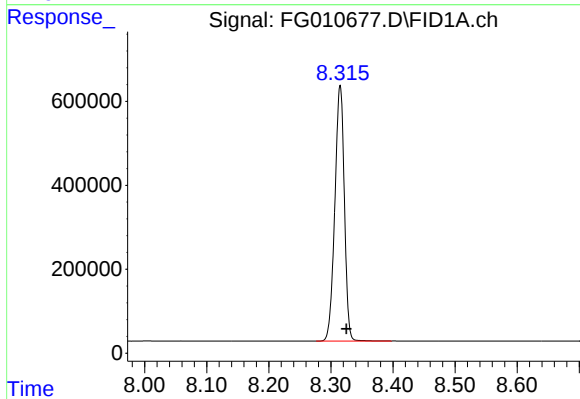
#2 N-DECANE

R.T.: 4.303 min
Delta R.T.: -0.013 min
Response: 6342650
Conc: 49.48 ug/ml



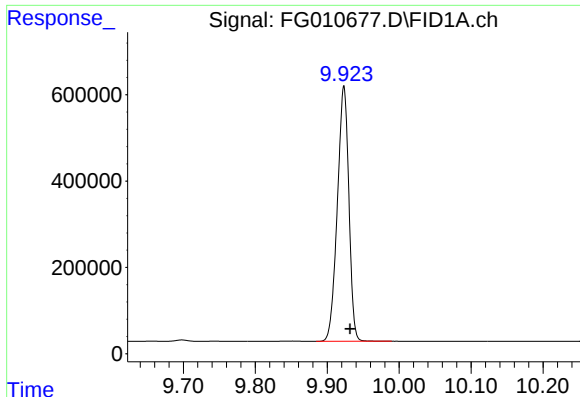
#3 N-DODECANE

R.T.: 6.485 min
Delta R.T.: -0.010 min
Response: 6448658
Conc: 49.00 ug/ml



#4 N-TETRADECANE

R.T.: 8.315 min
Delta R.T.: -0.010 min
Response: 6485406
Conc: 47.92 ug/ml



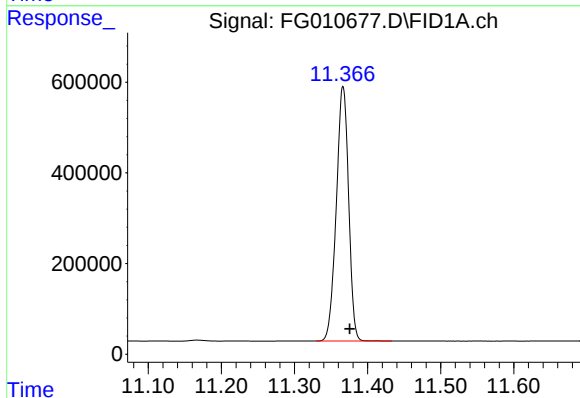
#5 N-HEXADECANE

R.T.: 9.923 min
Delta R.T.: -0.009 min
Response: 6574760
Conc: 46.92 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

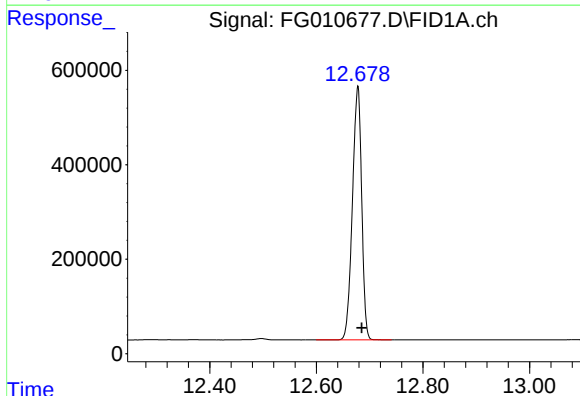
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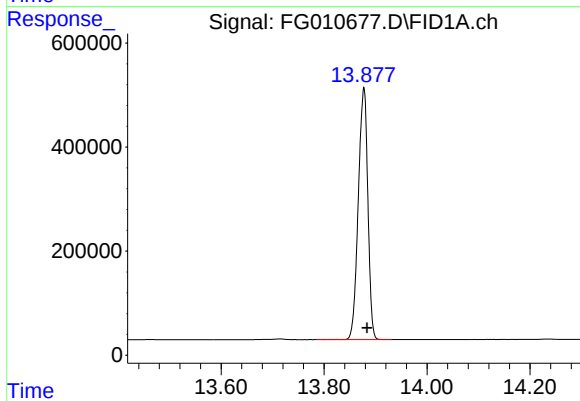
#6 N-OCTADECANE

R.T.: 11.366 min
Delta R.T.: -0.009 min
Response: 6578707
Conc: 46.08 ug/ml



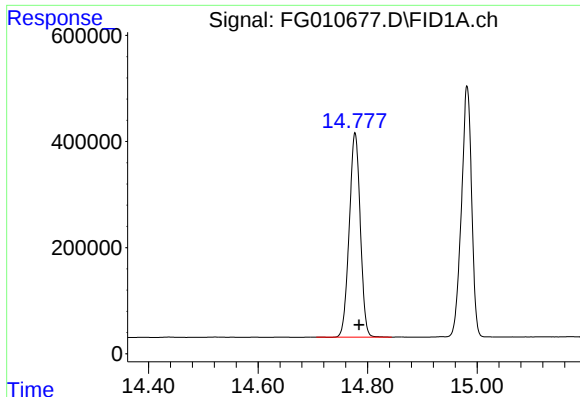
#7 N-EICOSANE

R.T.: 12.678 min
Delta R.T.: -0.008 min
Response: 6473109
Conc: 45.34 ug/ml



#8 N-DOCOSANE

R.T.: 13.877 min
Delta R.T.: -0.006 min
Response: 6225464
Conc: 44.67 ug/ml



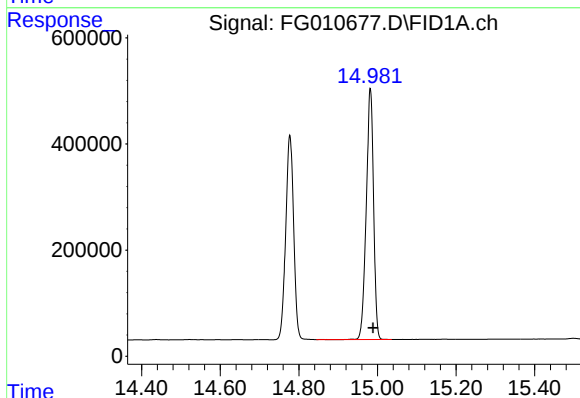
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.777 min
Delta R.T.: -0.008 min
Response: 5381112
Conc: 43.97 ug/ml

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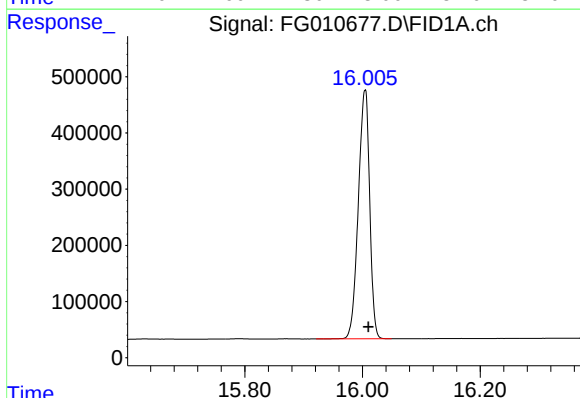
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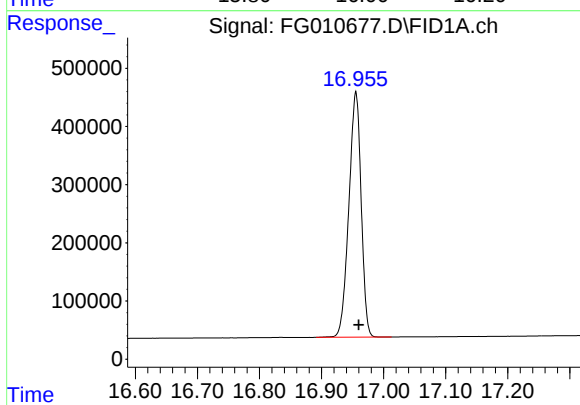
#10 N-TETRACOSANE

R.T.: 14.982 min
Delta R.T.: -0.007 min
Response: 6105767
Conc: 44.07 ug/ml



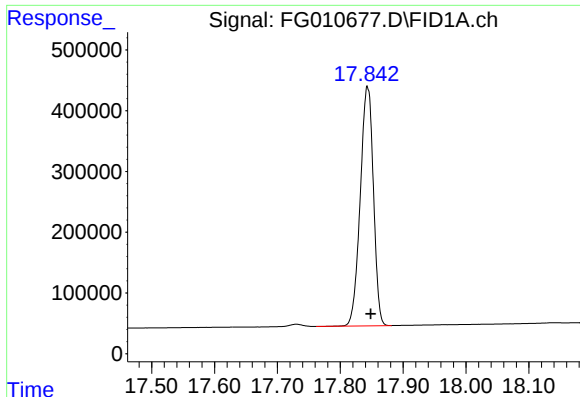
#11 N-HEXACOSANE

R.T.: 16.004 min
Delta R.T.: -0.006 min
Response: 5926199
Conc: 43.68 ug/ml



#12 N-OCTACOSANE

R.T.: 16.955 min
Delta R.T.: -0.005 min
Response: 5795377
Conc: 43.82 ug/ml



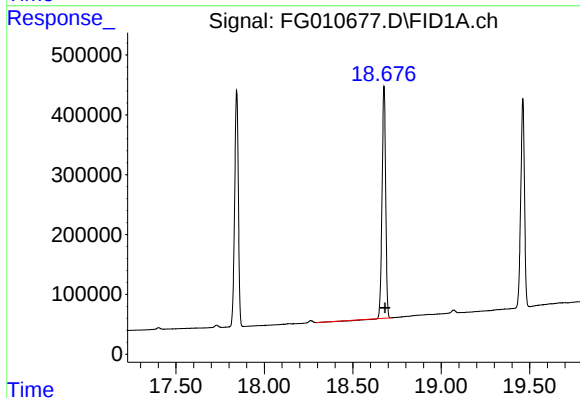
#13 N-TRIACONTANE

R.T.: 17.843 min
Delta R.T.: -0.005 min
Response: 5729716
Conc: 44.22 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

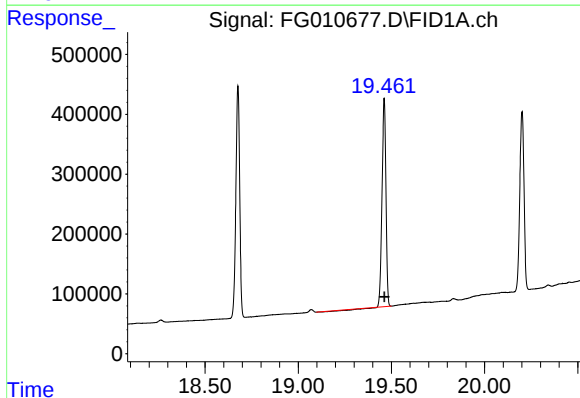
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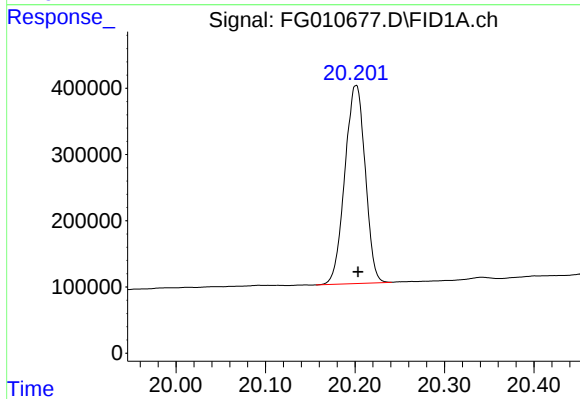
#14 N-DOTRIACONTANE

R.T.: 18.676 min
Delta R.T.: -0.006 min
Response: 5458342
Conc: 42.69 ug/ml



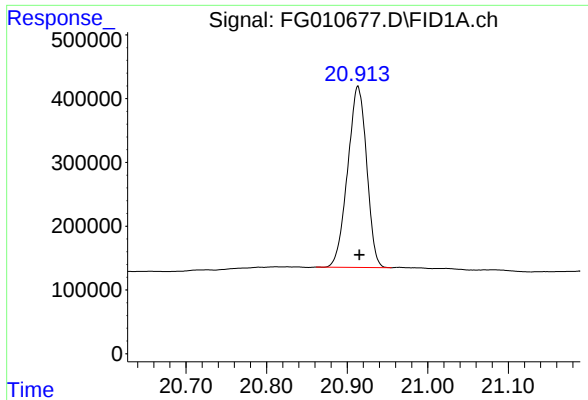
#15 N-TETRATRIACONTANE

R.T.: 19.461 min
Delta R.T.: -0.002 min
Response: 4979686
Conc: 40.25 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.201 min
Delta R.T.: -0.003 min
Response: 4734129
Conc: 40.79 ug/ml



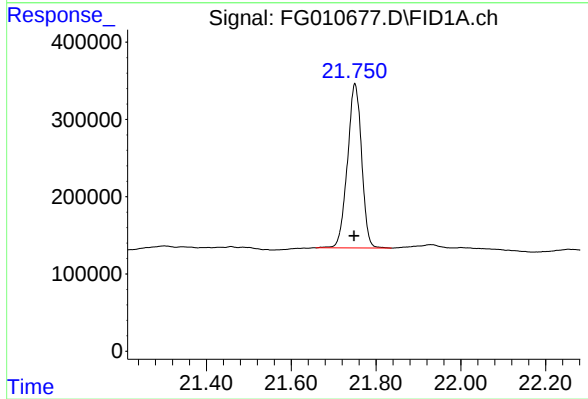
#17 N-OCTATRIACONTANE

R.T.: 20.913 min
Delta R.T.: -0.002 min
Response: 4651987
Conc: 40.50 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.750 min
Delta R.T.: 0.000 min
Response: 4935806
Conc: 41.86 ug/ml m