

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG101221\
 Data File : FG008846.D
 Signal(s) : FID1A.ch
 Acq On : 12 Oct 2021 10:56
 Operator : AJ\MA
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Oct 13 03:51:14 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG100721.M
 Quant Title :
 QLast Update : Fri Oct 08 03:31:08 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...	14.749	5854974	50.724 ug/ml
Target Compounds			
1) N-OCTANE	2.341	7420151	53.715 ug/ml
2) N-DECANE	4.446	7637044	54.742 ug/ml
3) N-DODECANE	6.474	7698838	54.600 ug/ml
4) N-TETRADECANE	8.277	7691418	54.560 ug/ml
5) N-HEXADECANE	9.883	7581464	54.139 ug/ml
6) N-OCTADECANE	11.330	7566993	53.544 ug/ml
7) N-EICOSANE	12.644	7359982	52.774 ug/ml
8) N-DOCOSANE	13.846	6964934	51.637 ug/ml
10) N-TETRACOSANE	14.955	6587738	50.171 ug/ml
11) N-HEXACOSANE	15.978	6104497	48.764 ug/ml
12) N-OCTACOSANE	16.930	5741611	48.182 ug/ml
13) N-TRIACONTANE	17.820	5643066	49.752 ug/ml
14) N-DOTRIACONTANE	18.656	5839920	55.055 ug/mlm
15) N-TETRATRIACONTANE	19.442	6475545	65.018 ug/ml
16) N-HEXATRIACONTANE	20.183	6940412	75.149 ug/mlm
17) N-OCTATRIACONTANE	20.938	7186393	81.869 ug/mlm
18) N-TETRACONTANE	21.889	7573321	85.051 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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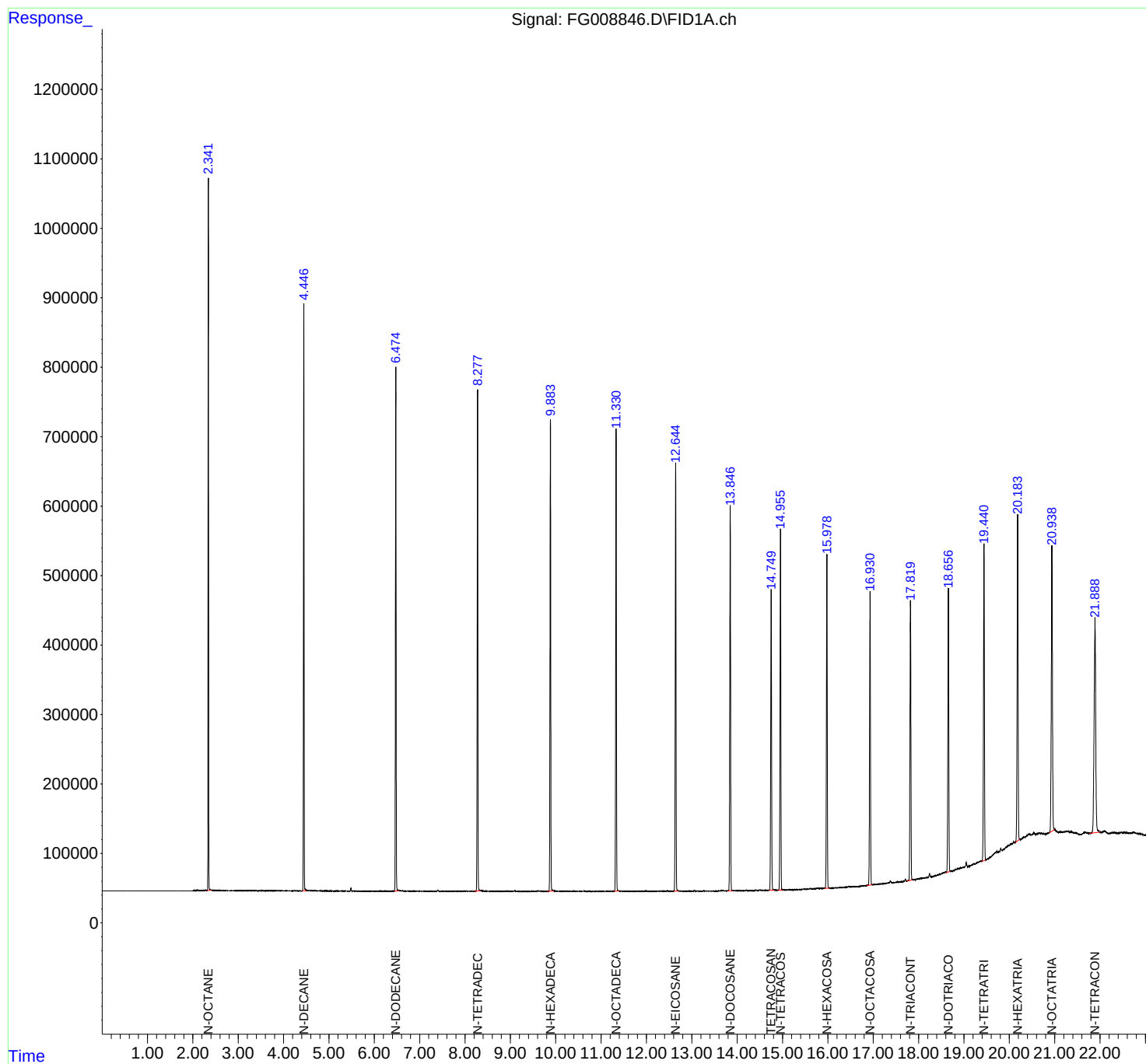
Instrument :
FID_G
ClientSampled :
50 PPM TRPH STD

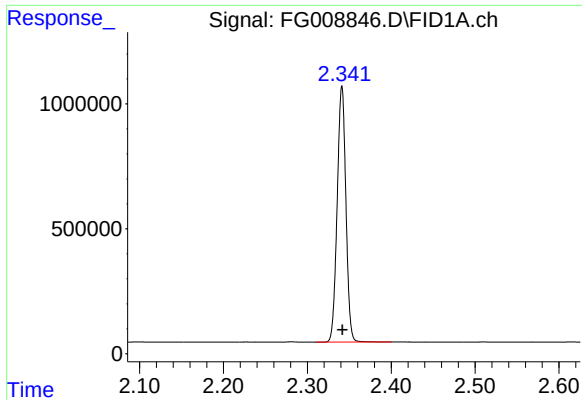
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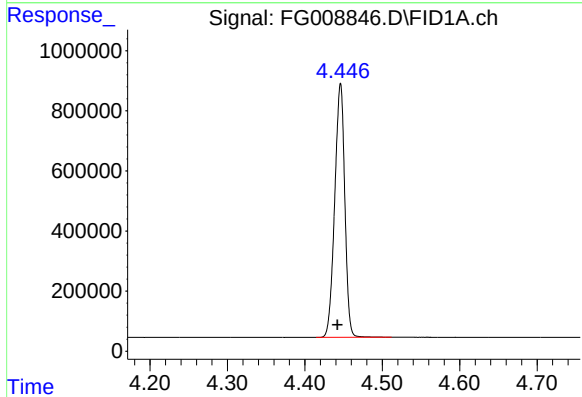
#1 N-OCTANE

R.T.: 2.341 min
Delta R.T.: 0.000 min
Response: 7420151
Conc: 53.71 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

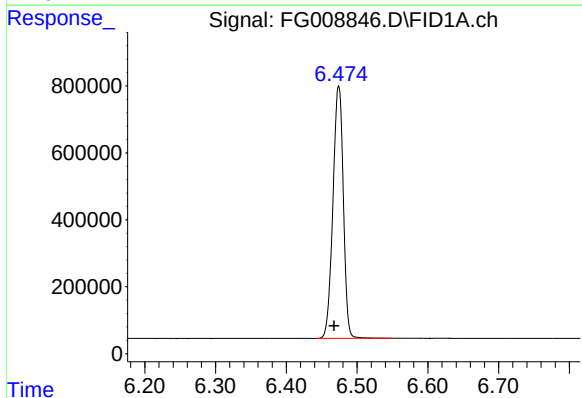
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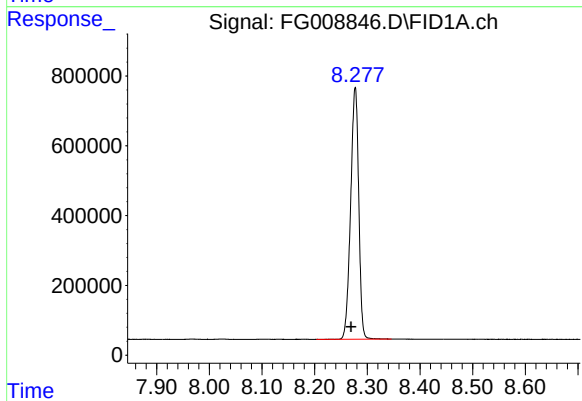
#2 N-DECANE

R.T.: 4.446 min
Delta R.T.: 0.004 min
Response: 7637044
Conc: 54.74 ug/ml



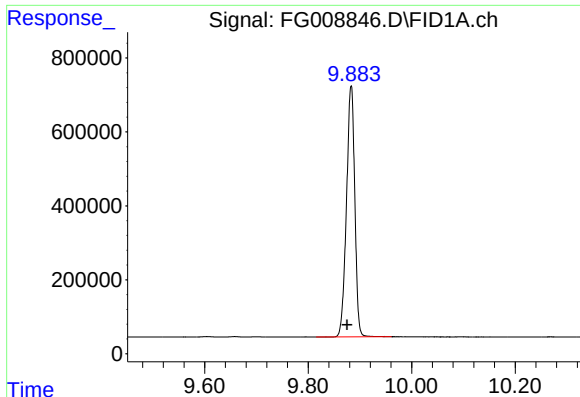
#3 N-DODECANE

R.T.: 6.474 min
Delta R.T.: 0.007 min
Response: 7698838
Conc: 54.60 ug/ml



#4 N-TETRADECANE

R.T.: 8.277 min
Delta R.T.: 0.008 min
Response: 7691418
Conc: 54.56 ug/ml



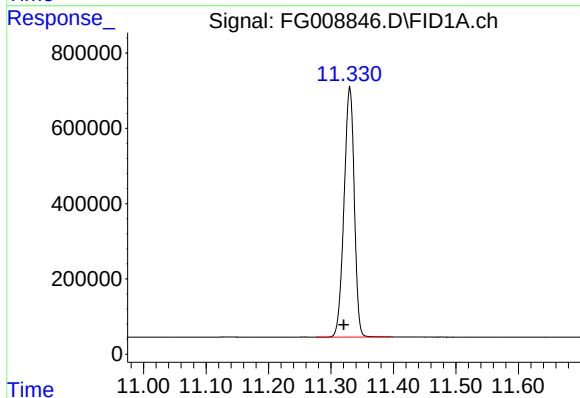
#5 N-HEXADECANE

R.T.: 9.883 min
Delta R.T.: 0.008 min
Response: 7581464
Conc: 54.14 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

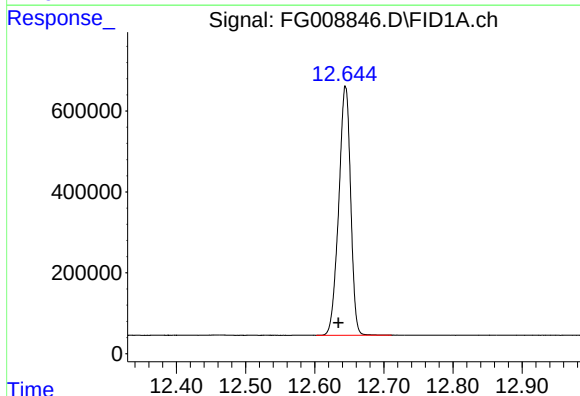
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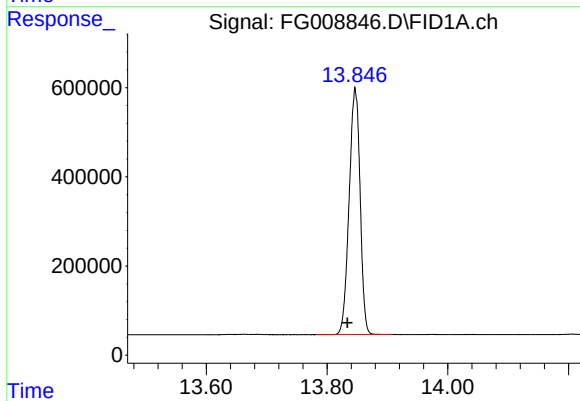
#6 N-OCTADECANE

R.T.: 11.330 min
Delta R.T.: 0.010 min
Response: 7566993
Conc: 53.54 ug/ml



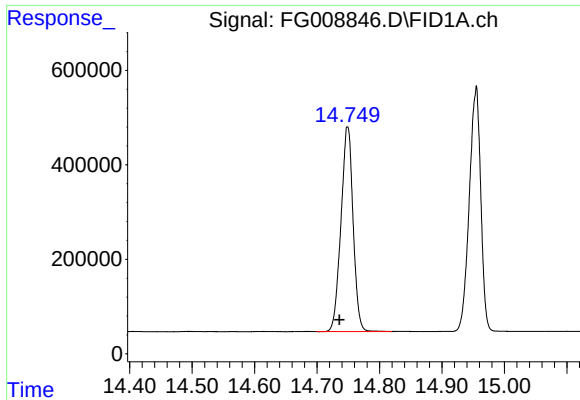
#7 N-EICOSANE

R.T.: 12.644 min
Delta R.T.: 0.010 min
Response: 7359982
Conc: 52.77 ug/ml



#8 N-DOCOSANE

R.T.: 13.846 min
Delta R.T.: 0.012 min
Response: 6964934
Conc: 51.64 ug/ml



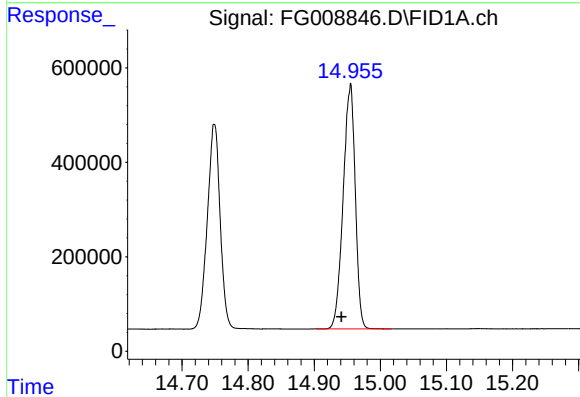
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.749 min
Delta R.T.: 0.013 min
Response: 5854974
Conc: 50.72 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

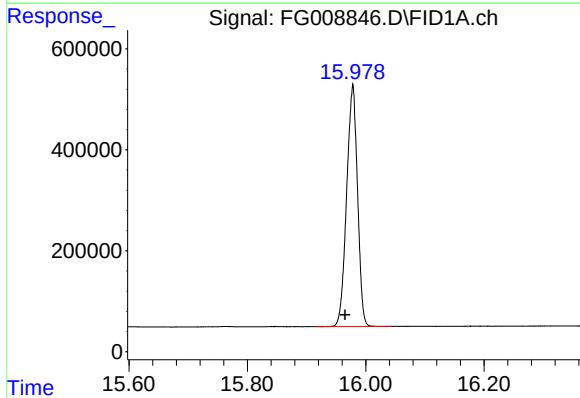
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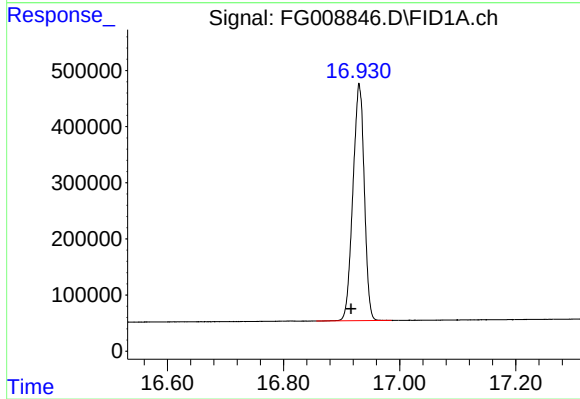
#10 N-TETRACOSANE

R.T.: 14.955 min
Delta R.T.: 0.014 min
Response: 6587738
Conc: 50.17 ug/ml



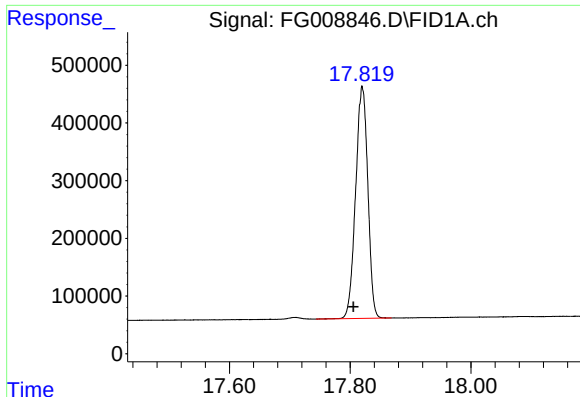
#11 N-HEXACOSANE

R.T.: 15.978 min
Delta R.T.: 0.014 min
Response: 6104497
Conc: 48.76 ug/ml



#12 N-OCTACOSANE

R.T.: 16.930 min
Delta R.T.: 0.014 min
Response: 5741611
Conc: 48.18 ug/ml



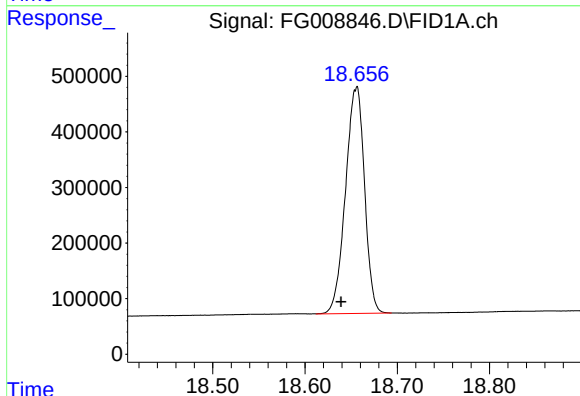
#13 N-TRIACONTANE

R.T.: 17.820 min
Delta R.T.: 0.015 min
Response: 5643066
Conc: 49.75 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

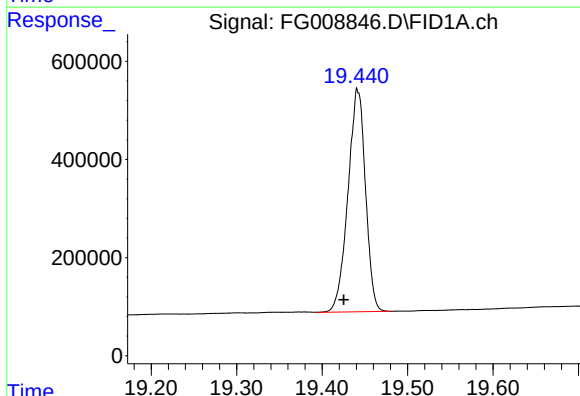
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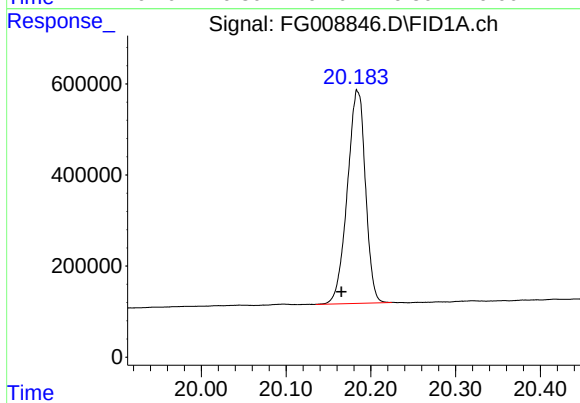
#14 N-DOTRIACONTANE

R.T.: 18.656 min
Delta R.T.: 0.017 min
Response: 5839920
Conc: 55.06 ug/ml m



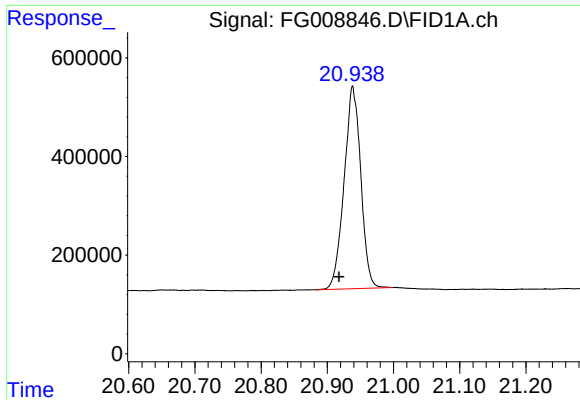
#15 N-TETRATRIACONTANE

R.T.: 19.442 min
Delta R.T.: 0.016 min
Response: 6475545
Conc: 65.02 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.183 min
Delta R.T.: 0.018 min
Response: 6940412
Conc: 75.15 ug/ml m



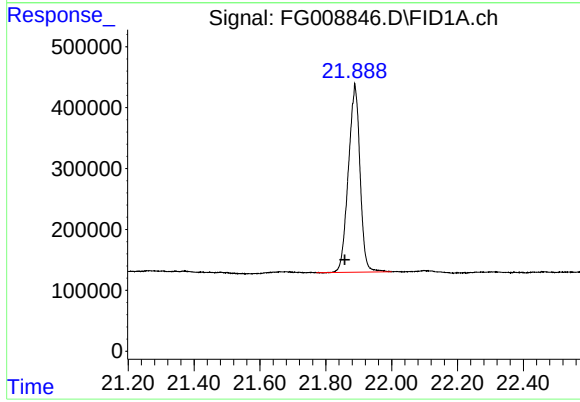
#17 N-OCTATRIACONTANE

R.T.: 20.938 min
Delta R.T.: 0.020 min
Response: 7186393
Conc: 81.87 ug/ml m

Instrument :
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#18 N-TETRACONTANE

R.T.: 21.889 min
Delta R.T.: 0.031 min
Response: 7573321
Conc: 85.05 ug/ml