

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041122\
 Data File : FG009579.D
 Signal(s) : FID1A.ch
 Acq On : 11 Apr 2022 15:03
 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
 APPROVED

Reviewed By :Yogesh Patel 04/11/2022
 Supervised By :mohammad ahmed 04/13/2022

Integration File: autoint1.e
 Quant Time: Apr 11 16:01:01 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG040122.M
 Quant Title :
 QLast Update : Fri Apr 08 10:19:35 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...	14.641	7279129	56.504 ug/ml
Target Compounds			
1) N-OCTANE	2.237	9078765	62.141 ug/ml
2) N-DECANE	4.331	9143034	61.580 ug/ml
3) N-DODECANE	6.360	9187151	60.958 ug/ml
4) N-TETRADECANE	8.161	9214701	60.156 ug/ml
5) N-HEXADECANE	9.768	9175307	59.457 ug/ml
6) N-OCTADECANE	11.217	9230949	58.670 ug/ml
7) N-EICOSANE	12.533	8718005	57.561 ug/ml
8) N-DOCOSANE	13.738	8386600	56.829 ug/ml
10) N-TETRACOSANE	14.847	8091965	56.447 ug/ml
11) N-HEXACOSANE	15.873	7813308	56.878 ug/ml
12) N-OCTACOSANE	16.827	7544399	57.807 ug/ml
13) N-TRIACONTANE	17.719	7355836	59.571 ug/ml
14) N-DOTRIACONTANE	18.555	7001328	60.315 ug/mlm
15) N-TETRATRIACONTANE	19.341	6375272	59.957 ug/mlm
16) N-HEXATRIACONTANE	20.084	5541998	58.526 ug/mlm
17) N-OCTATRIACONTANE	20.829	4822128	55.998 ug/mlm
18) N-TETRACONTANE	21.752	4829282	55.956 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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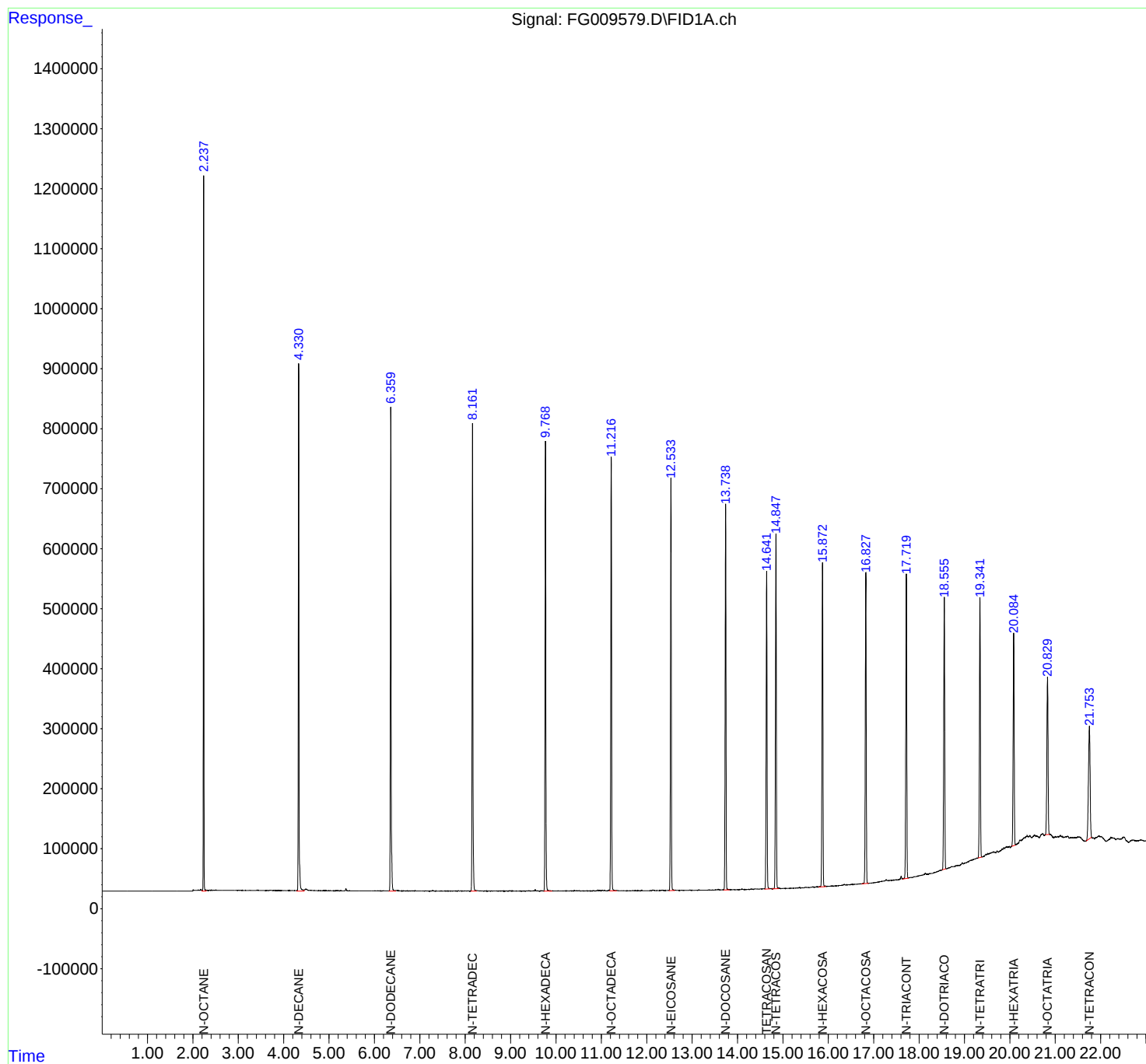
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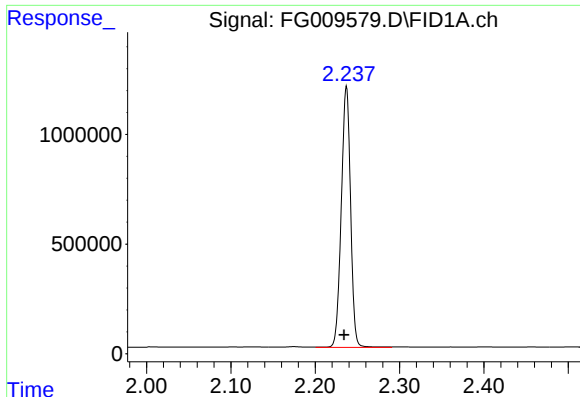
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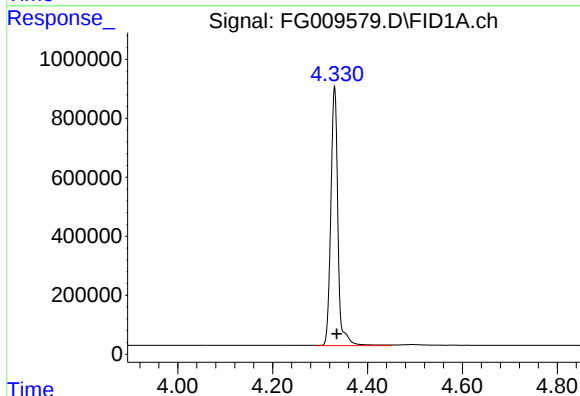
#1 N-OCTANE

R.T.: 2.237 min
Delta R.T.: 0.003 min
Response: 9078765
Conc: 62.14 ug/ml

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50 PPM TRPH STD

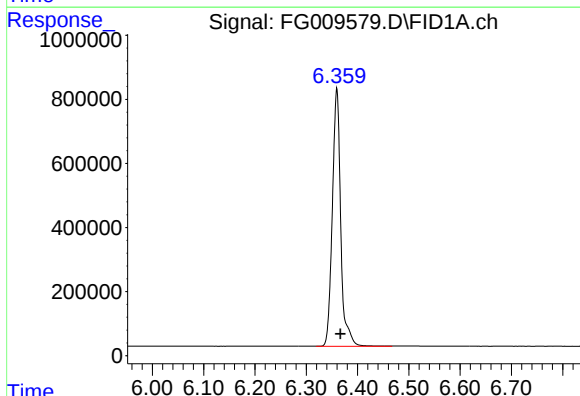
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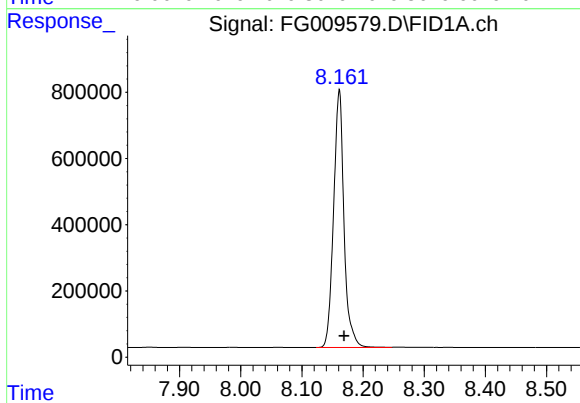
#2 N-DECANE

R.T.: 4.331 min
Delta R.T.: -0.005 min
Response: 9143034
Conc: 61.58 ug/ml



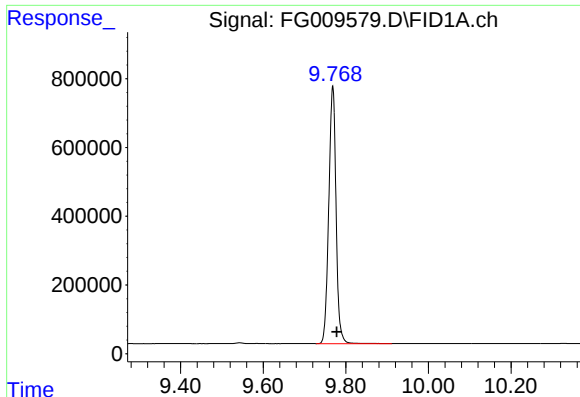
#3 N-DODECANE

R.T.: 6.360 min
Delta R.T.: -0.007 min
Response: 9187151
Conc: 60.96 ug/ml



#4 N-TETRADECANE

R.T.: 8.161 min
Delta R.T.: -0.008 min
Response: 9214701
Conc: 60.16 ug/ml



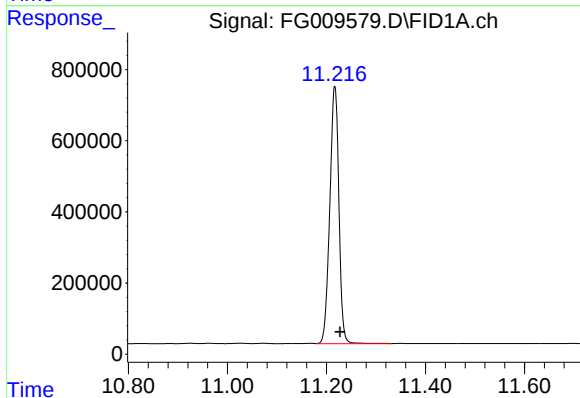
#5 N-HEXADECANE

R.T.: 9.768 min
Delta R.T.: -0.009 min
Response: 9175307
Conc: 59.46 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

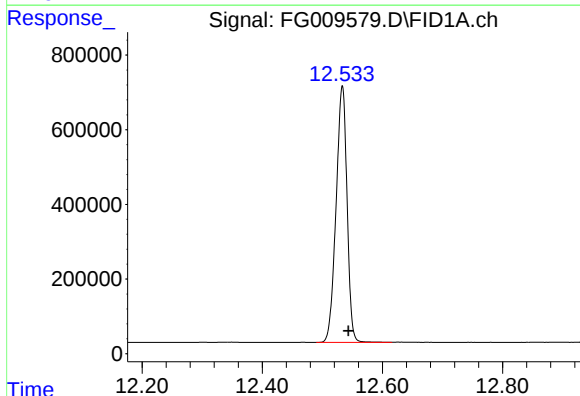
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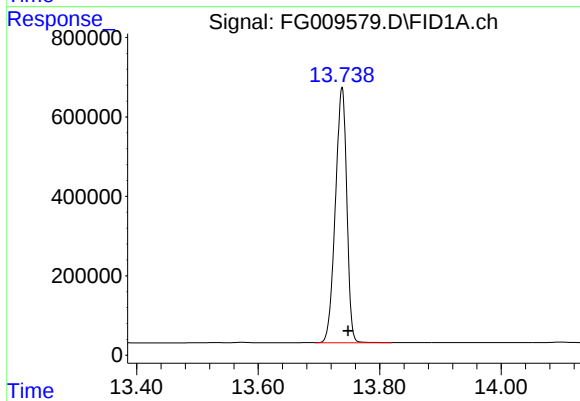
#6 N-OCTADECANE

R.T.: 11.217 min
Delta R.T.: -0.011 min
Response: 9230949
Conc: 58.67 ug/ml



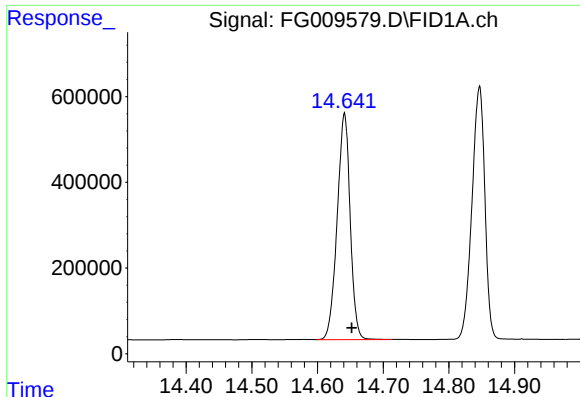
#7 N-EICOSANE

R.T.: 12.533 min
Delta R.T.: -0.010 min
Response: 8718005
Conc: 57.56 ug/ml



#8 N-DOCOSANE

R.T.: 13.738 min
Delta R.T.: -0.010 min
Response: 8386600
Conc: 56.83 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.641 min
Delta R.T.: -0.011 min
Response: 7279129
Conc: 56.50 ug/ml

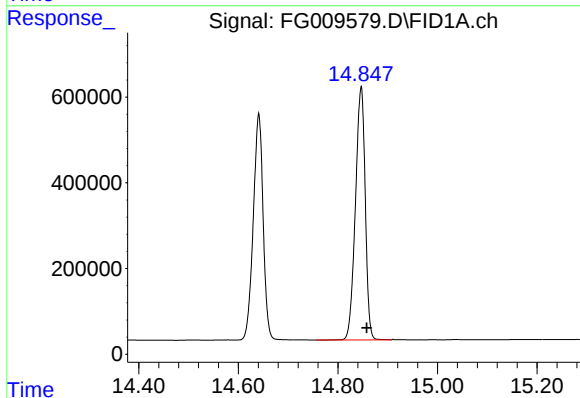
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

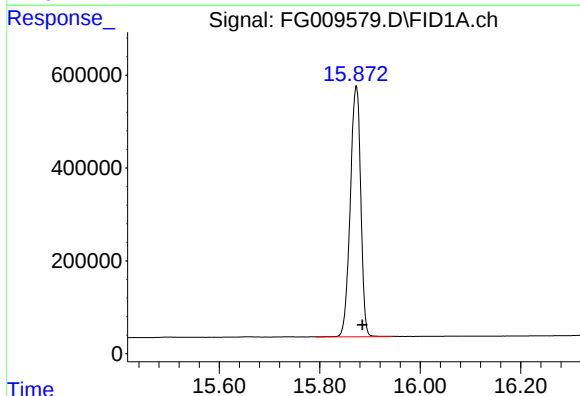
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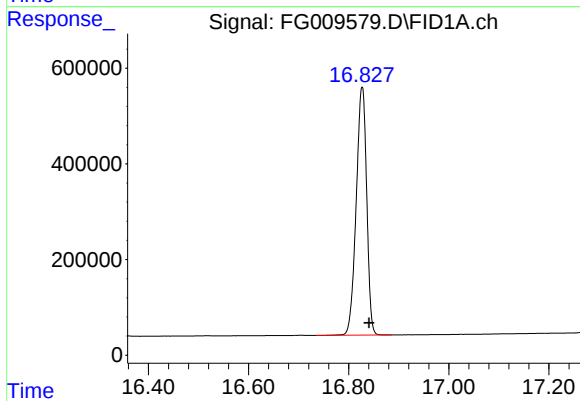
#10 N-TETRACOSANE

R.T.: 14.847 min
Delta R.T.: -0.011 min
Response: 8091965
Conc: 56.45 ug/ml



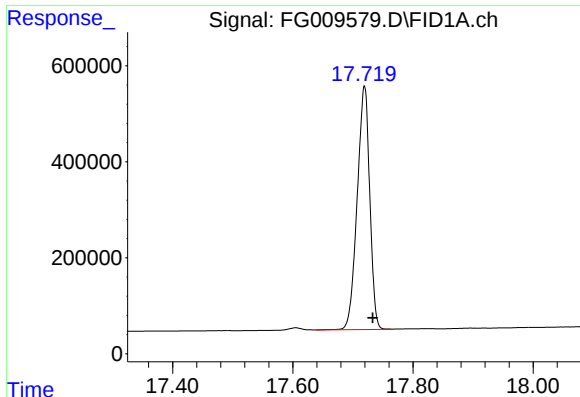
#11 N-HEXACOSANE

R.T.: 15.873 min
Delta R.T.: -0.012 min
Response: 7813308
Conc: 56.88 ug/ml



#12 N-OCTACOSANE

R.T.: 16.827 min
Delta R.T.: -0.014 min
Response: 7544399
Conc: 57.81 ug/ml



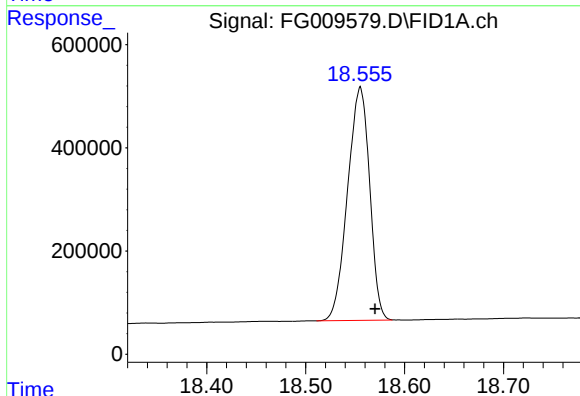
#13 N-TRIACONTANE

R.T.: 17.719 min
Delta R.T.: -0.014 min
Response: 7355836
Conc: 59.57 ug/ml

Instrument :
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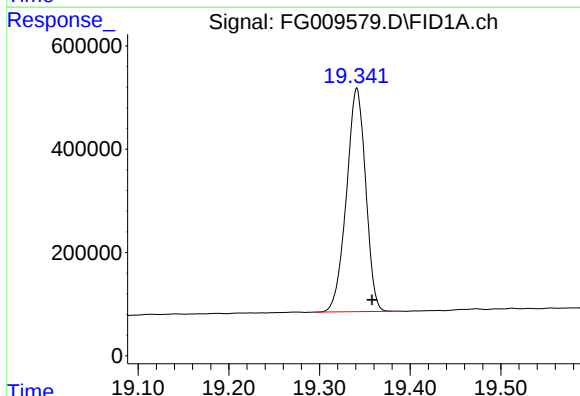
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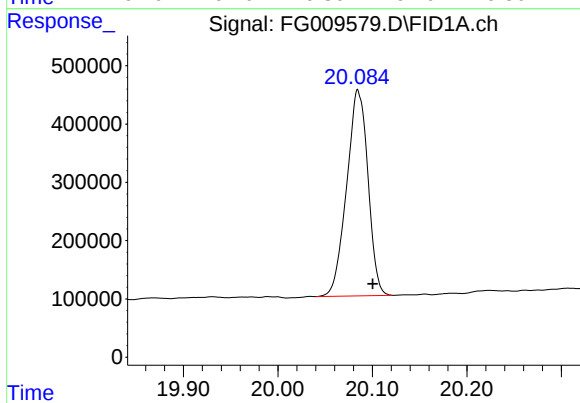
#14 N-DOTRIACONTANE

R.T.: 18.555 min
Delta R.T.: -0.015 min
Response: 7001328
Conc: 60.32 ug/ml m



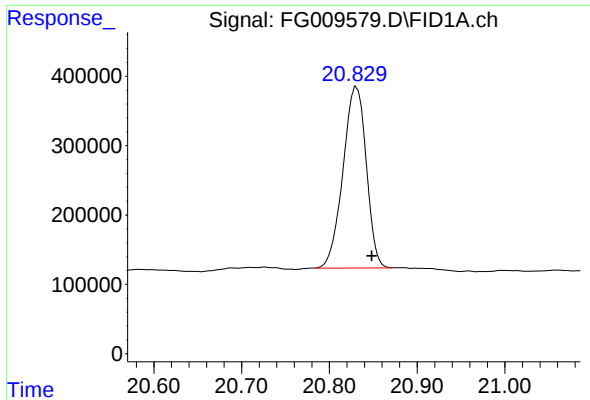
#15 N-TETRATRIACONTANE

R.T.: 19.341 min
Delta R.T.: -0.017 min
Response: 6375272
Conc: 59.96 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.084 min
Delta R.T.: -0.016 min
Response: 5541998
Conc: 58.53 ug/ml m



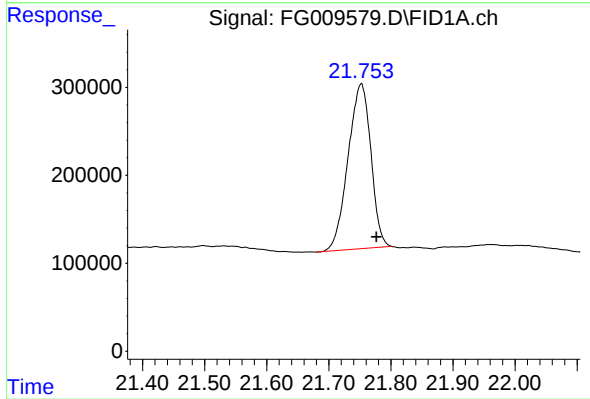
#17 N-OCTATRIACONTANE

R.T.: 20.829 min
Delta R.T.: -0.019 min
Response: 4822128
Conc: 56.00 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.752 min
Delta R.T.: -0.024 min
Response: 4829282
Conc: 55.96 ug/ml