

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041522\
 Data File : FG009645.D
 Signal(s) : FID1A.ch
 Acq On : 15 Apr 2022 19:10
 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 05/17/2022
 Supervised By :mohammad ahmed 05/17/2022

Integration File: autoint1.e
 Quant Time: Apr 18 09:13:07 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...	14.637	6108530	47.417 ug/ml
Target Compounds			
1) N-OCTANE	2.226	7221360	49.428 ug/ml
2) N-DECANE	4.325	7301944	49.180 ug/ml
3) N-DODECANE	6.355	7356772	48.813 ug/ml
4) N-TETRADECANE	8.157	7377328	48.161 ug/ml
5) N-HEXADECANE	9.764	7349876	47.628 ug/ml
6) N-OCTADECANE	11.213	7507800	47.718 ug/ml
7) N-EICOSANE	12.528	7134836	47.108 ug/ml
8) N-DOCOSANE	13.733	6936251	47.001 ug/ml
10) N-TETRACOSANE	14.842	6773452	47.249 ug/mlm
11) N-HEXACOSANE	15.869	6574898	47.863 ug/mlm
12) N-OCTACOSANE	16.822	6492966	49.751 ug/mlm
13) N-TRIACONTANE	17.714	6387722	51.731 ug/mlm
14) N-DOTRIACONTANE	18.551	5871482	50.582 ug/mlm
15) N-TETRATRIACONTANE	19.338	4748252	44.655 ug/mlm
16) N-HEXATRIACONTANE	20.080	2945350	31.104 ug/mlm
17) N-OCTATRIACONTANE	20.823	2515403	29.211 ug/mlm
18) N-TETRACONTANE	21.737	2548035	29.524 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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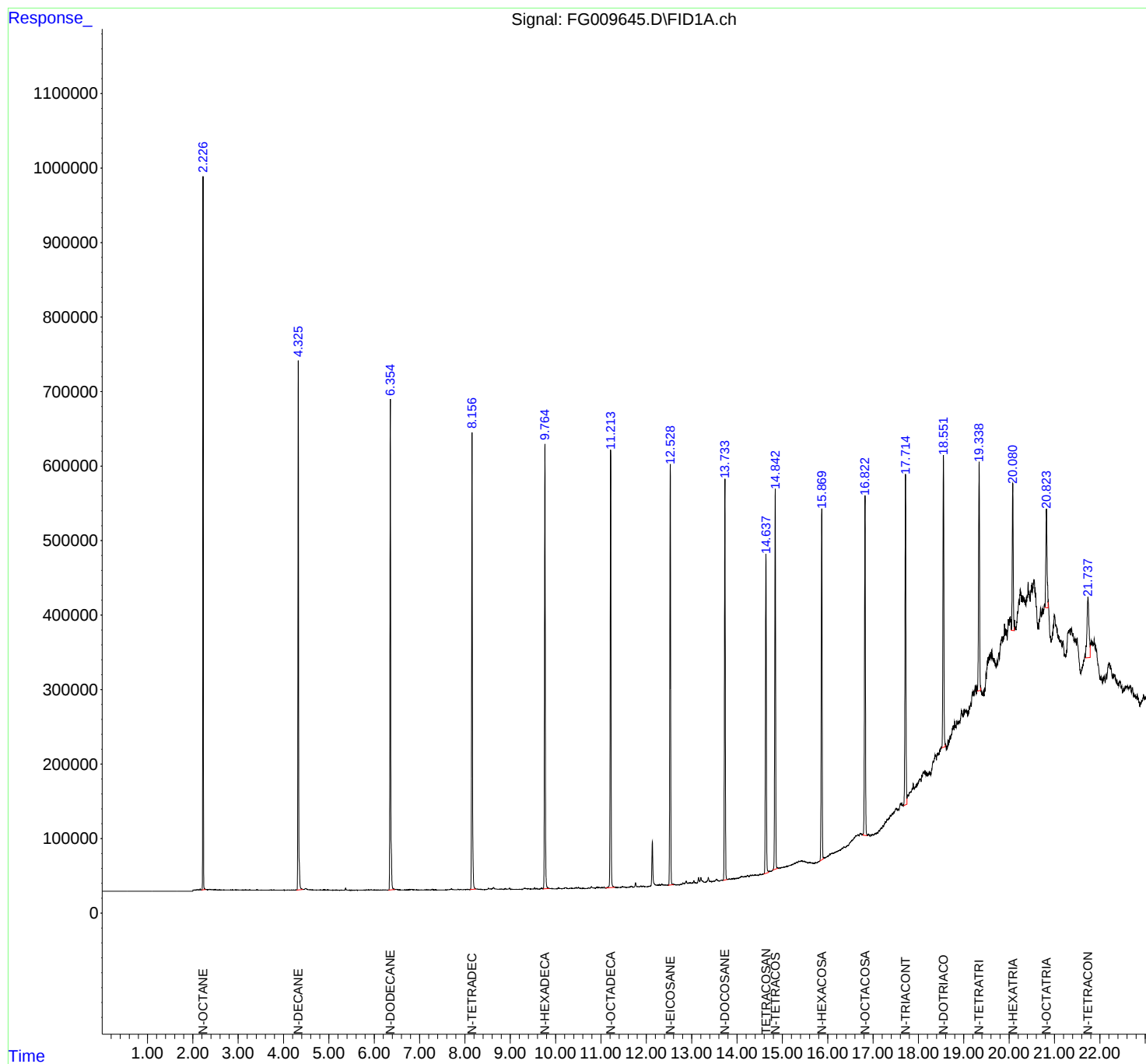
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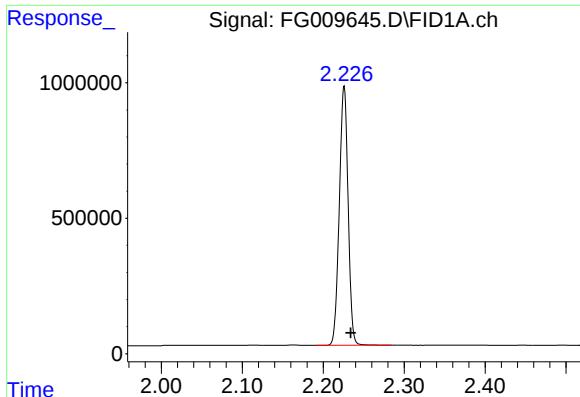
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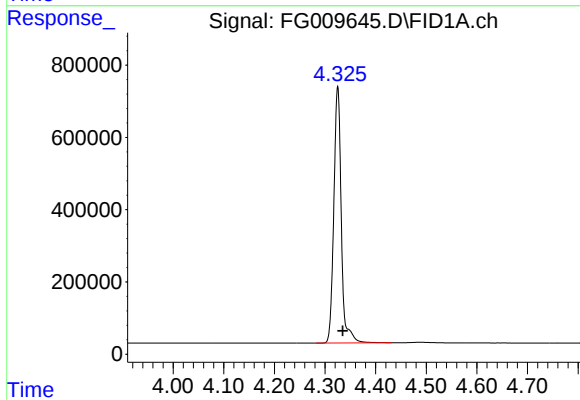
#1 N-OCTANE

R.T.: 2.226 min
Delta R.T.: -0.008 min
Response: 7221360
Conc: 49.43 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

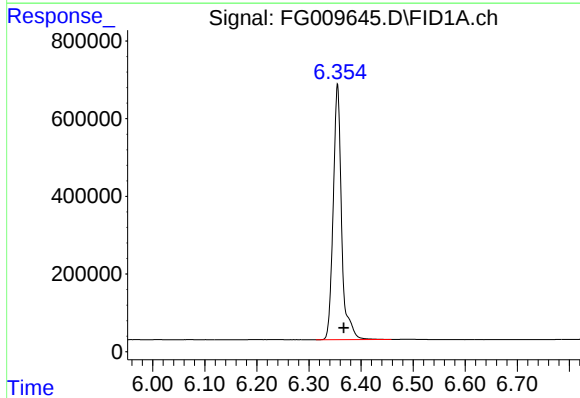
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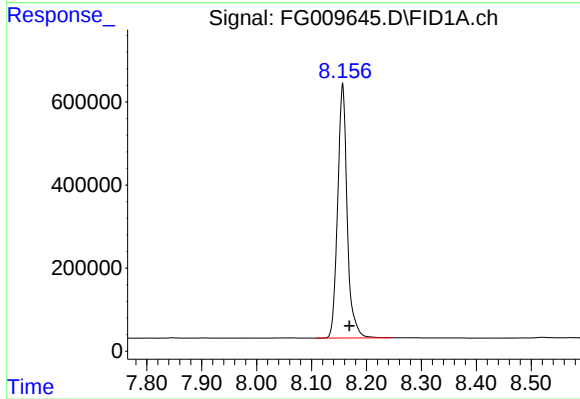
#2 N-DECANE

R.T.: 4.325 min
Delta R.T.: -0.010 min
Response: 7301944
Conc: 49.18 ug/ml



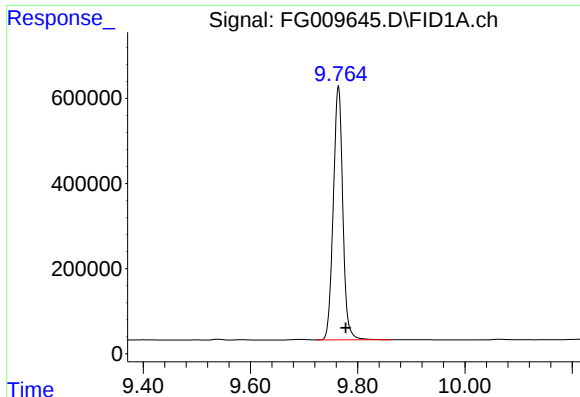
#3 N-DODECANE

R.T.: 6.355 min
Delta R.T.: -0.012 min
Response: 7356772
Conc: 48.81 ug/ml



#4 N-TETRADECANE

R.T.: 8.157 min
Delta R.T.: -0.012 min
Response: 7377328
Conc: 48.16 ug/ml



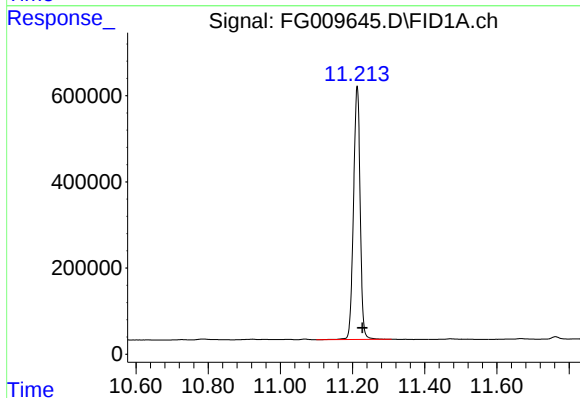
#5 N-HEXADECANE

R.T.: 9.764 min
Delta R.T.: -0.014 min
Response: 7349876
Conc: 47.63 ug/ml

Instrument :
FID_G
ClientSampleId :
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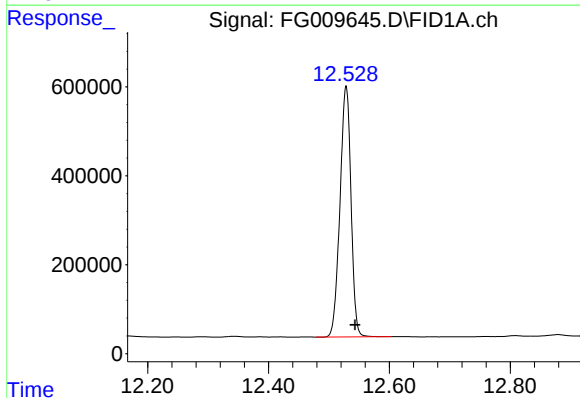
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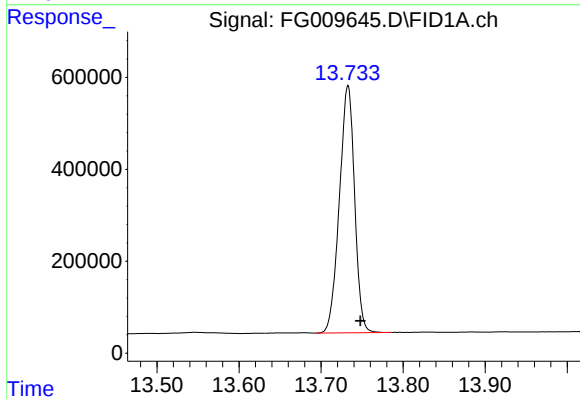
#6 N-OCTADECANE

R.T.: 11.213 min
Delta R.T.: -0.015 min
Response: 7507800
Conc: 47.72 ug/ml



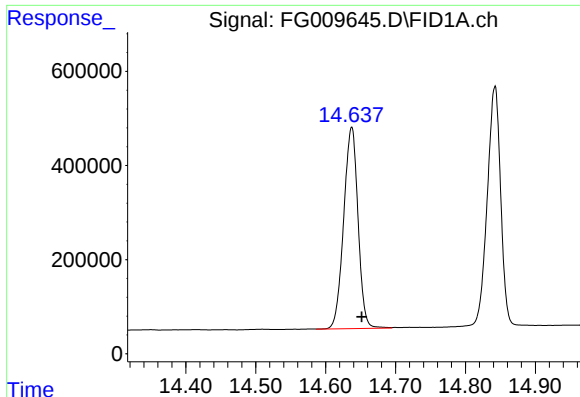
#7 N-EICOSANE

R.T.: 12.528 min
Delta R.T.: -0.015 min
Response: 7134836
Conc: 47.11 ug/ml



#8 N-DOCOSANE

R.T.: 13.733 min
Delta R.T.: -0.015 min
Response: 6936251
Conc: 47.00 ug/ml



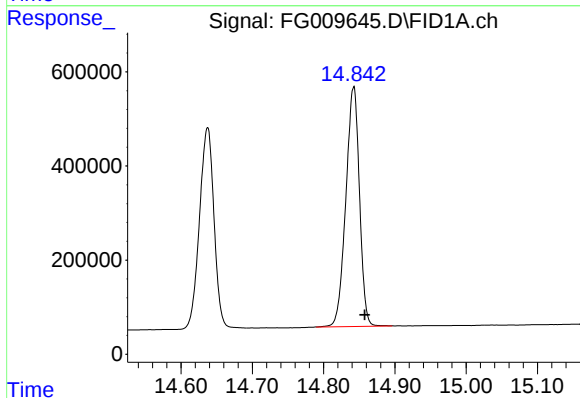
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.637 min
Delta R.T.: -0.015 min
Response: 6108530
Conc: 47.42 ug/ml

Instrument :
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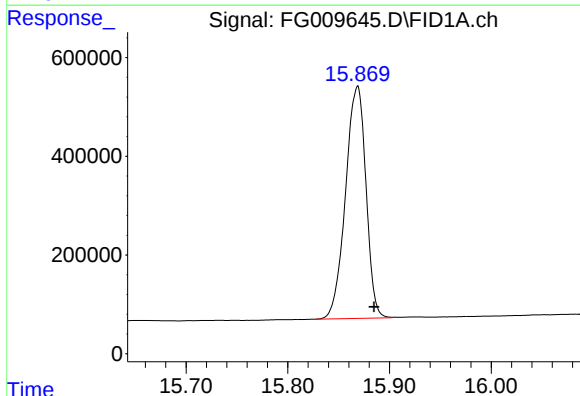
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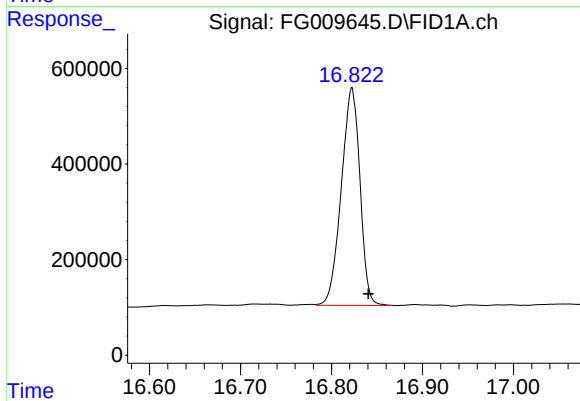
#10 N-TETRACOSANE

R.T.: 14.842 min
Delta R.T.: -0.015 min
Response: 6773452
Conc: 47.25 ug/ml m



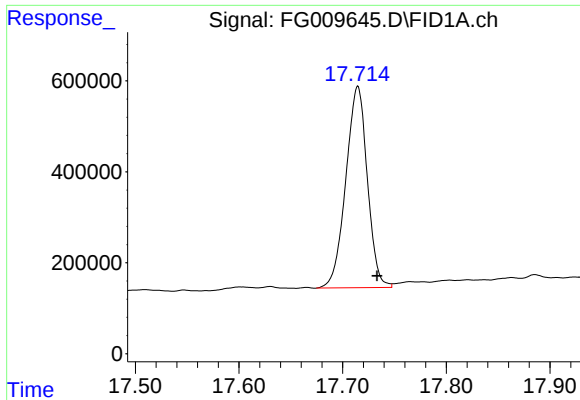
#11 N-HEXACOSANE

R.T.: 15.869 min
Delta R.T.: -0.016 min
Response: 6574898
Conc: 47.86 ug/ml m



#12 N-OCTACOSANE

R.T.: 16.822 min
Delta R.T.: -0.018 min
Response: 6492966
Conc: 49.75 ug/ml m



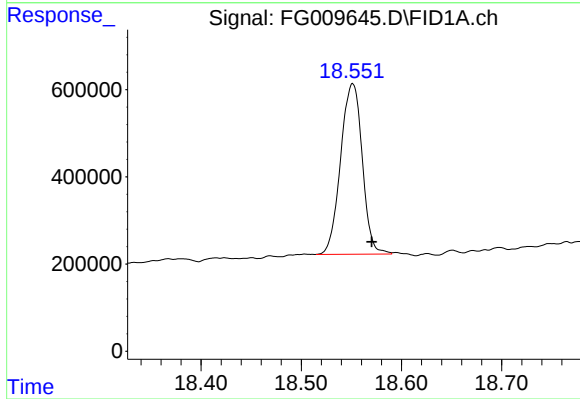
#13 N-TRIACONTANE

R.T.: 17.714 min
Delta R.T.: -0.019 min
Response: 6387722
Conc: 51.73 ug/ml

Instrument :
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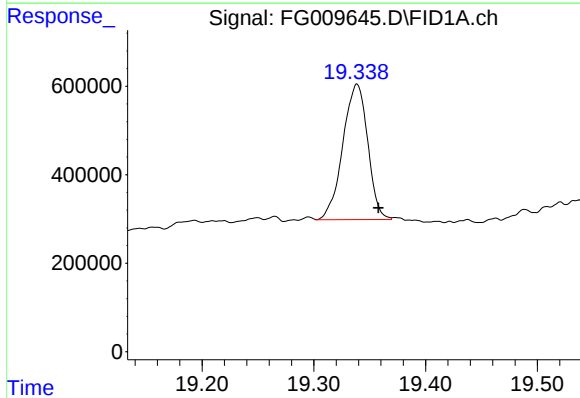
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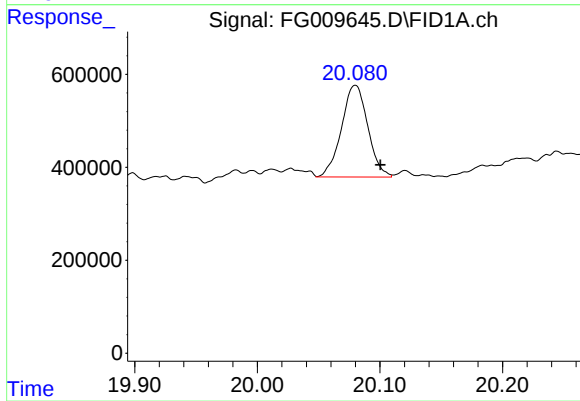
#14 N-DOTRIACONTANE

R.T.: 18.551 min
Delta R.T.: -0.019 min
Response: 5871482
Conc: 50.58 ug/ml m



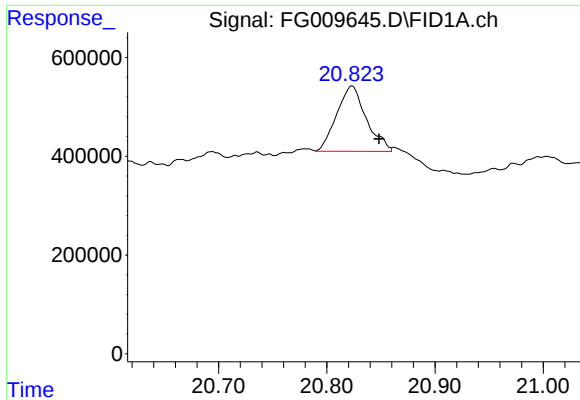
#15 N-TETRATRIACONTANE

R.T.: 19.338 min
Delta R.T.: -0.020 min
Response: 4748252
Conc: 44.66 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.080 min
Delta R.T.: -0.021 min
Response: 2945350
Conc: 31.10 ug/ml m



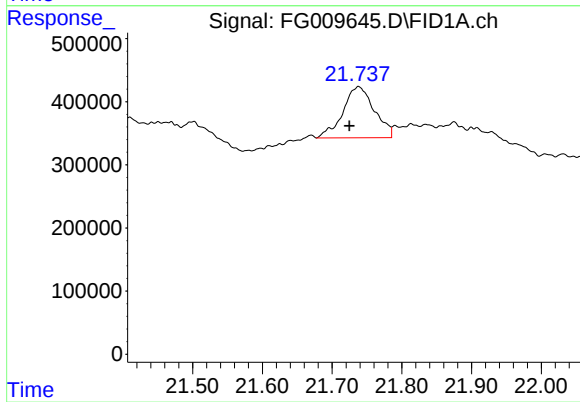
#17 N-OCTATRIACONTANE

R.T.: 20.823 min
Delta R.T.: -0.025 min
Response: 2515403
Conc: 29.21 ug/ml

Instrument :
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#18 N-TETRACONTANE

R.T.: 21.737 min
Delta R.T.: 0.012 min
Response: 2548035
Conc: 29.52 ug/ml m