

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032622\
 Data File : FG009413.D
 Signal(s) : FID1A.ch
 Acq On : 26 Mar 2022 09:34
 Operator : AJ\MA
 Sample : PB143591BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB143591BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/28/2022
 Supervised By :mohammad ahmed 03/30/2022

Integration File: autoint1.e
 Quant Time: Mar 26 22:45:46 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032522.M
 Quant Title :
 QLast Update : Sat Mar 26 00:33:44 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...	14.624	2560268	18.579 ug/ml
Target Compounds			
1) N-OCTANE	2.236	2361492	16.420 ug/ml
2) N-DECANE	4.330	2946381	20.142 ug/ml
3) N-DODECANE	6.357	3067217	20.567 ug/ml
4) N-TETRADECANE	8.156	3129182	20.495 ug/ml
5) N-HEXADECANE	9.761	3142421	20.284 ug/ml
6) N-OCTADECANE	11.206	3204442	20.081 ug/ml
7) N-EICOSANE	12.520	3199707	20.495 ug/ml
8) N-DOCOSANE	13.723	3128751	20.214 ug/ml
10) N-TETRACOSANE	14.828	3107105	20.147 ug/ml
11) N-HEXACOSANE	15.852	3011308	19.835 ug/ml
12) N-OCTACOSANE	16.805	2919223	19.698 ug/ml
13) N-TRIACONTANE	17.694	2832341	19.861 ug/ml
14) N-DOTRIACONTANE	18.529	2851962	21.447 ug/mlm
15) N-TETRATRIACONTANE	19.316	2925802	25.040 ug/mlm
16) N-HEXATRIACONTANE	20.057	3047311	30.901 ug/mlm
17) N-OCTATRIACONTANE	20.797	2580013	29.761 ug/mlm
18) N-TETRACONTANE	21.704	2698742	31.750 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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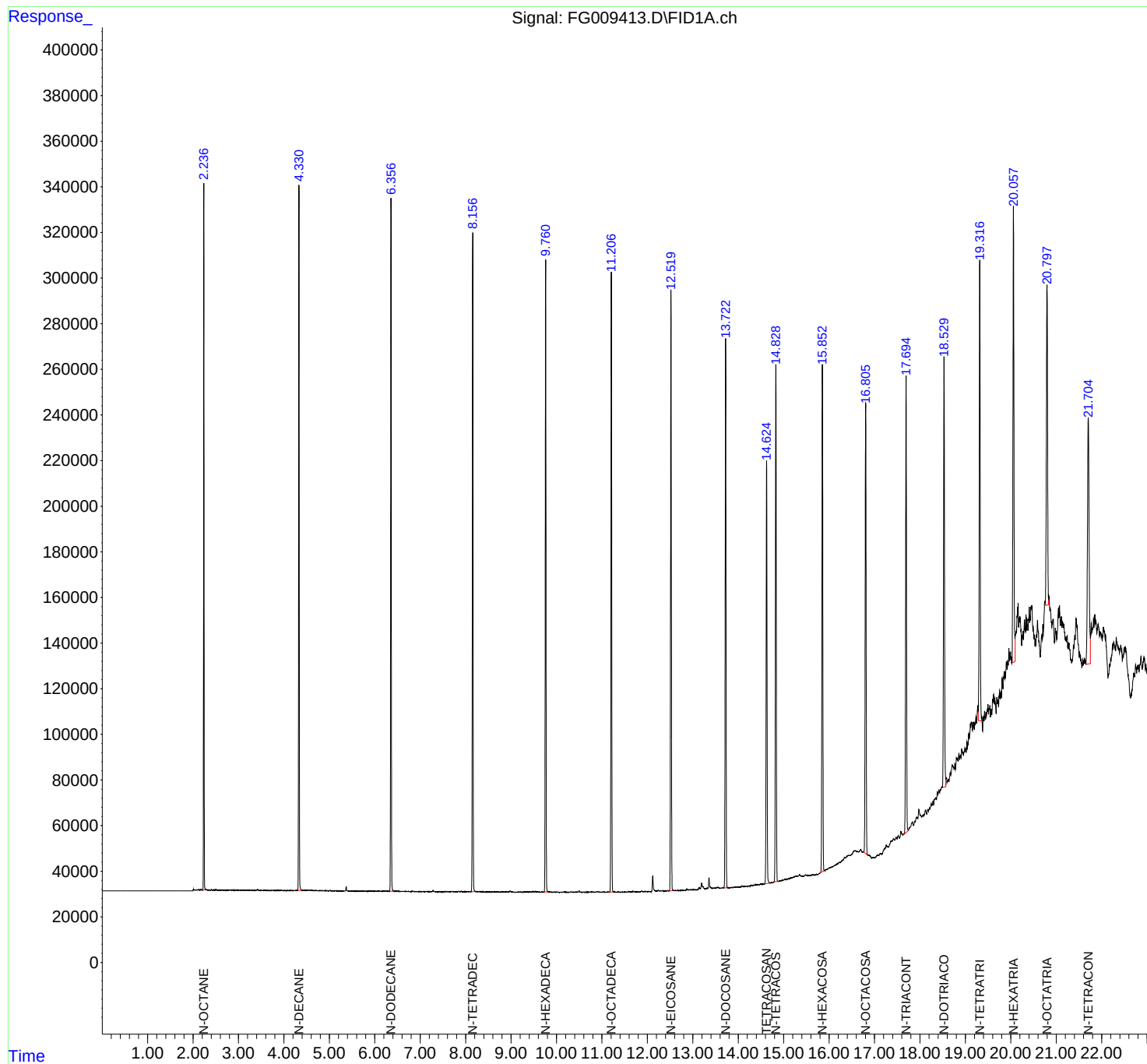
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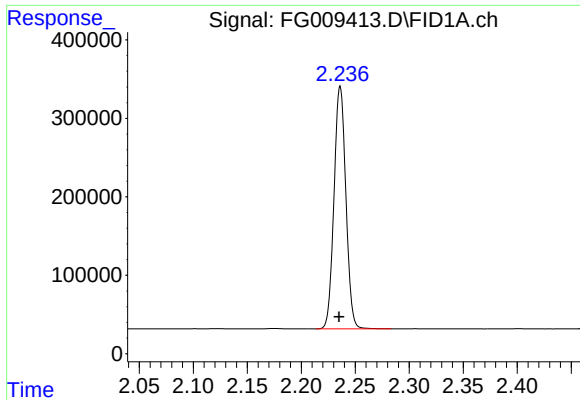
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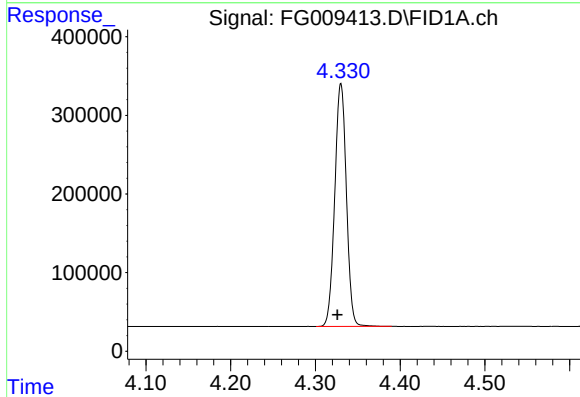
#1 N-OCTANE

R.T.: 2.236 min
Delta R.T.: 0.001 min
Response: 2361492
Conc: 16.42 ug/ml

Instrument :
FID_G
ClientSampleId :
PB143591BS

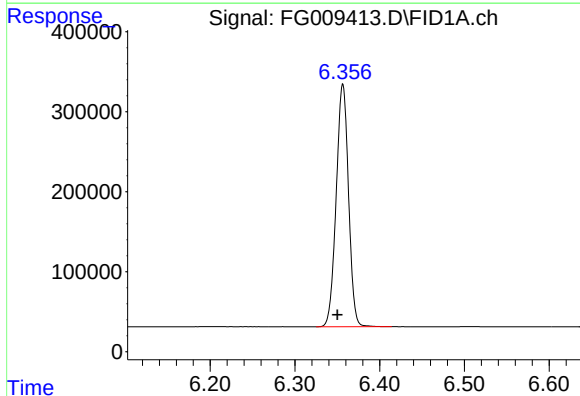
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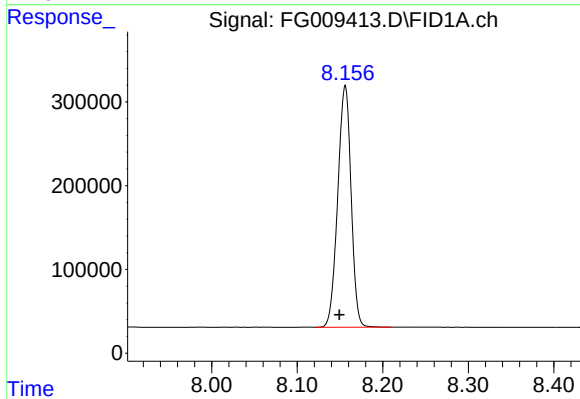
#2 N-DECANE

R.T.: 4.330 min
Delta R.T.: 0.004 min
Response: 2946381
Conc: 20.14 ug/ml



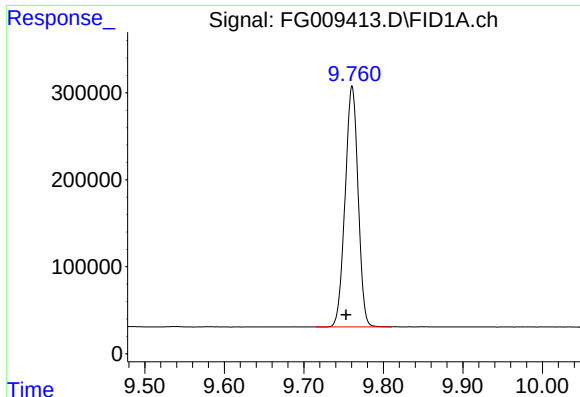
#3 N-DODECANE

R.T.: 6.357 min
Delta R.T.: 0.006 min
Response: 3067217
Conc: 20.57 ug/ml



#4 N-TETRADECANE

R.T.: 8.156 min
Delta R.T.: 0.007 min
Response: 3129182
Conc: 20.50 ug/ml



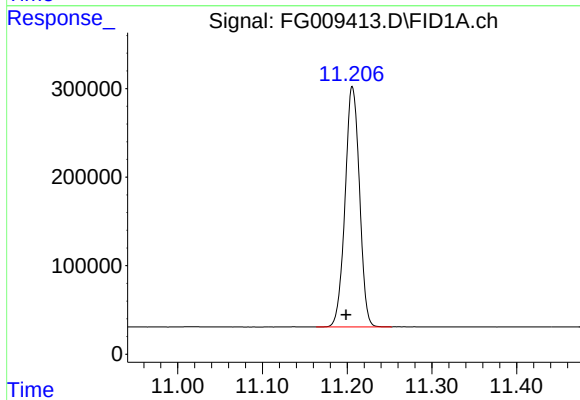
#5 N-HEXADECANE

R.T.: 9.761 min
Delta R.T.: 0.008 min
Response: 3142421
Conc: 20.28 ug/ml

Instrument :
FID_G
ClientSampleId :
PB143591BS

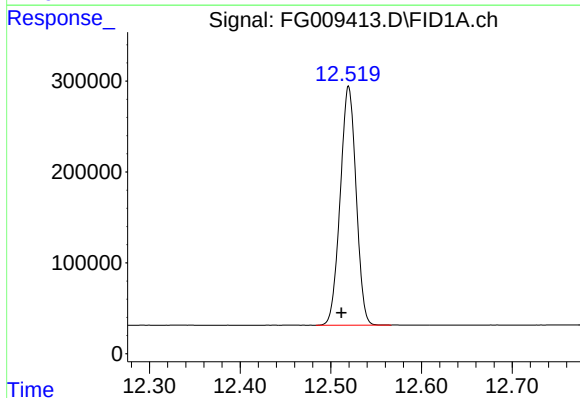
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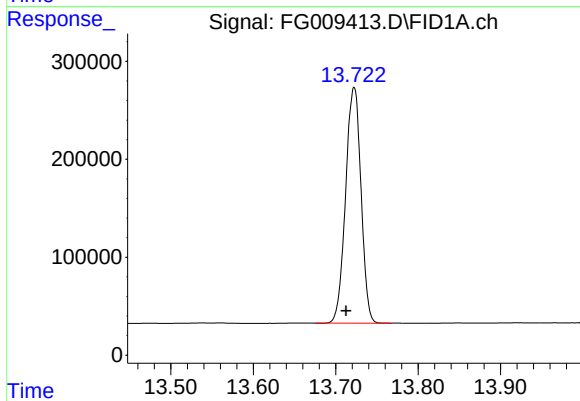
#6 N-OCTADECANE

R.T.: 11.206 min
Delta R.T.: 0.007 min
Response: 3204442
Conc: 20.08 ug/ml



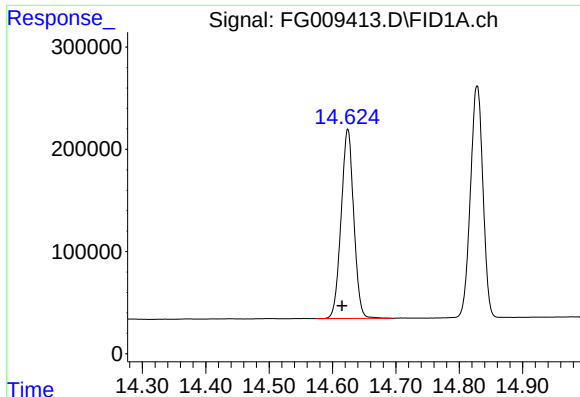
#7 N-EICOSANE

R.T.: 12.520 min
Delta R.T.: 0.008 min
Response: 3199707
Conc: 20.50 ug/ml



#8 N-DOCOSANE

R.T.: 13.723 min
Delta R.T.: 0.010 min
Response: 3128751
Conc: 20.21 ug/ml



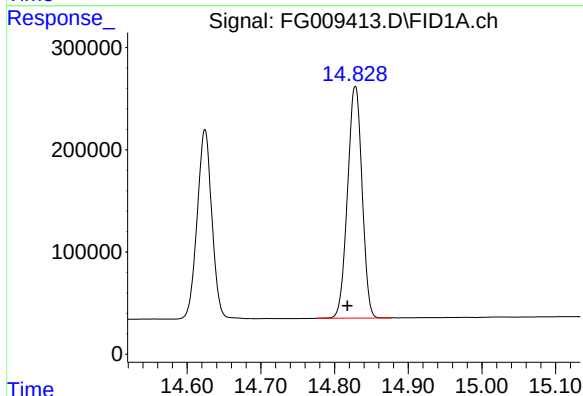
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.624 min
Delta R.T.: 0.009 min
Response: 2560268
Conc: 18.58 ug/ml

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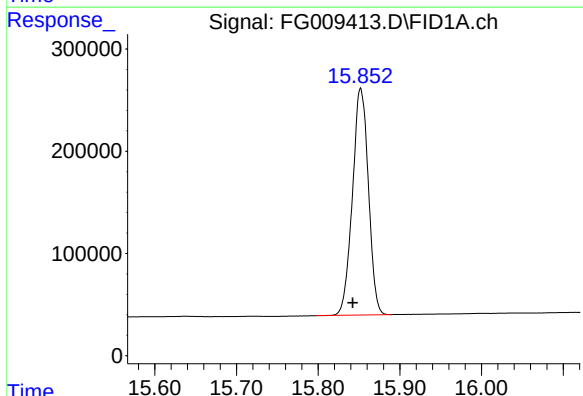
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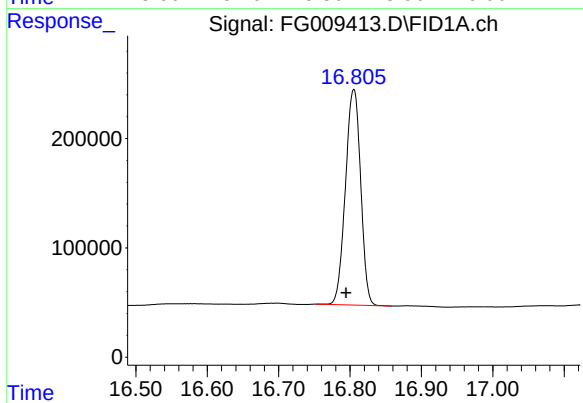
#10 N-TETRACOSANE

R.T.: 14.828 min
Delta R.T.: 0.011 min
Response: 3107105
Conc: 20.15 ug/ml



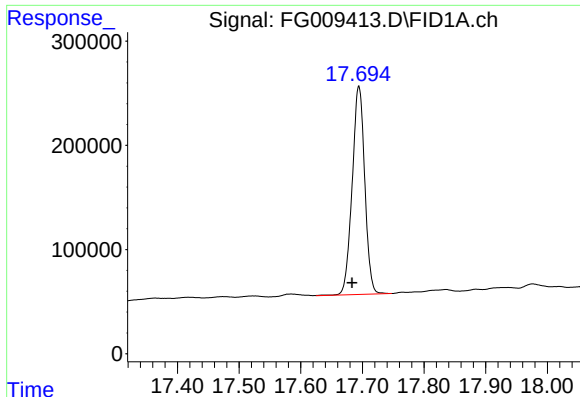
#11 N-HEXACOSANE

R.T.: 15.852 min
Delta R.T.: 0.010 min
Response: 3011308
Conc: 19.83 ug/ml



#12 N-OCTACOSANE

R.T.: 16.805 min
Delta R.T.: 0.011 min
Response: 2919223
Conc: 19.70 ug/ml



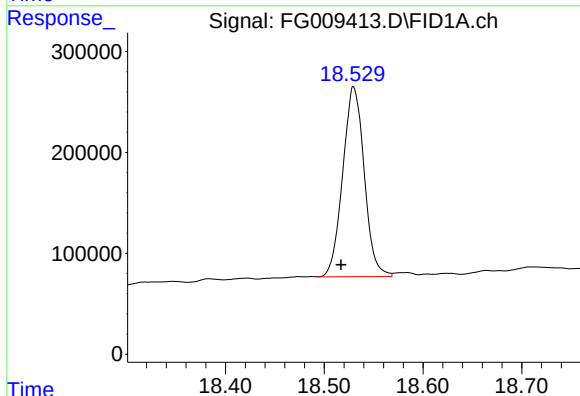
#13 N-TRIACONTANE

R.T.: 17.694 min
Delta R.T.: 0.011 min
Response: 2832341
Conc: 19.86 ug/ml

Instrument :
FID_G
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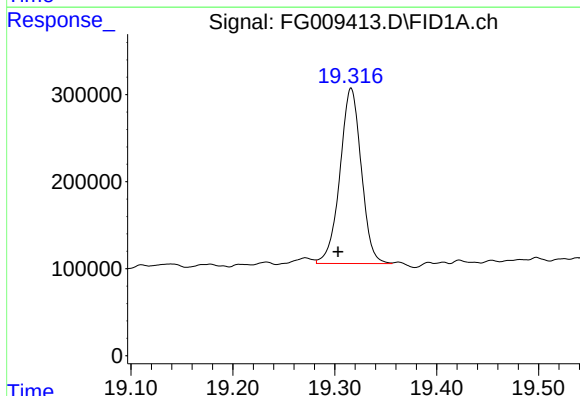
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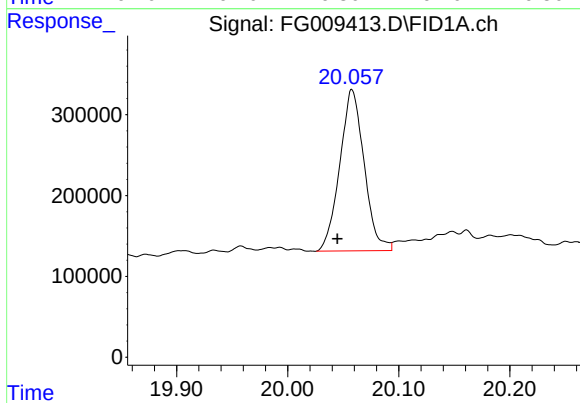
#14 N-DOTRIACONTANE

R.T.: 18.529 min
Delta R.T.: 0.012 min
Response: 2851962
Conc: 21.45 ug/ml m



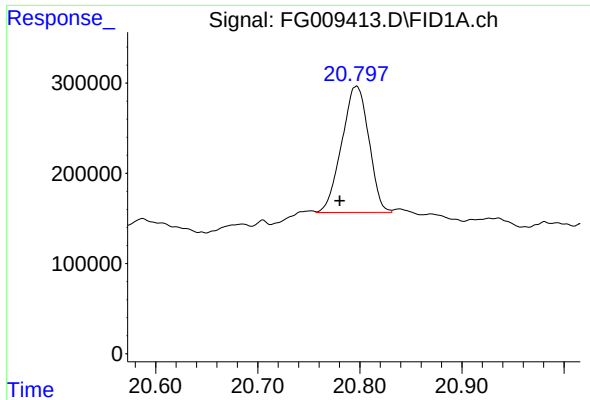
#15 N-TETRATRIACONTANE

R.T.: 19.316 min
Delta R.T.: 0.012 min
Response: 2925802
Conc: 25.04 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.057 min
Delta R.T.: 0.012 min
Response: 3047311
Conc: 30.90 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.797 min
Delta R.T.: 0.016 min
Response: 2580013
Conc: 29.76 ug/ml

Instrument :

FID_G

ClientSampleId :

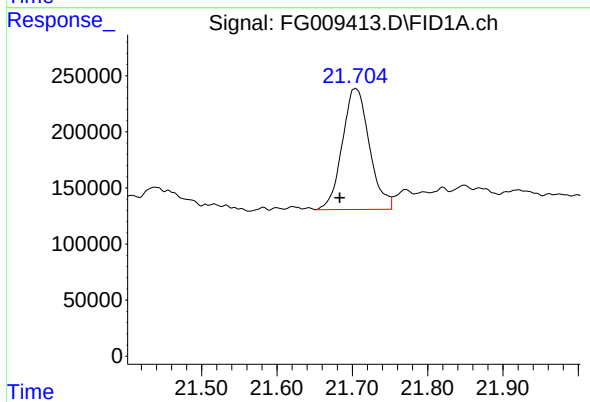
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#18 N-TETRACONTANE

R.T.: 21.704 min
Delta R.T.: 0.021 min
Response: 2698742
Conc: 31.75 ug/ml m