

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061722\
 Data File : FG009902.D
 Signal(s) : FID1A.ch
 Acq On : 17 Jun 2022 17:47
 Operator : AJ\MA
 Sample : PB145639BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB145639BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/20/2022
 Supervised By :Ankita Jodhani 06/20/2022

Integration File: Sample.e
 Quant Time: Jun 17 23:46:46 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG060122.M
 Quant Title :
 QLast Update : Wed Jun 01 13:06:30 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...	14.834	1974636	18.760 ug/ml
Target Compounds			
1) N-OCTANE	1.855	2209098	17.629 ug/ml
2) N-DECANE	4.355	2455543	19.444 ug/ml
3) N-DODECANE	6.531	2437378	19.320 ug/ml
4) N-TETRADECANE	8.363	2405036	18.928 ug/ml
5) N-HEXADECANE	9.973	2369994	18.790 ug/ml
6) N-OCTADECANE	11.418	2386934	18.912 ug/ml
7) N-EICOSANE	12.730	2348783	19.205 ug/ml
8) N-DOCOSANE	13.931	2301004	19.083 ug/ml
10) N-TETRACOSANE	15.037	2293152	19.566 ug/ml
11) N-HEXACOSANE	16.061	2269851	20.008 ug/ml
12) N-OCTACOSANE	17.014	2267580	19.816 ug/ml
13) N-TRIACONTANE	17.904	2269254	21.074 ug/ml
14) N-DOTRIACONTANE	18.739	2309362	21.940 ug/ml
15) N-TETRATRIACONTANE	19.525	2474202	25.769 ug/ml
16) N-HEXATRIACONTANE	20.267	2678044	33.137 ug/mlm
17) N-OCTATRIACONTANE	20.988	2811214	39.145 ug/mlm
18) N-TETRACONTANE	21.846	2876933	40.969 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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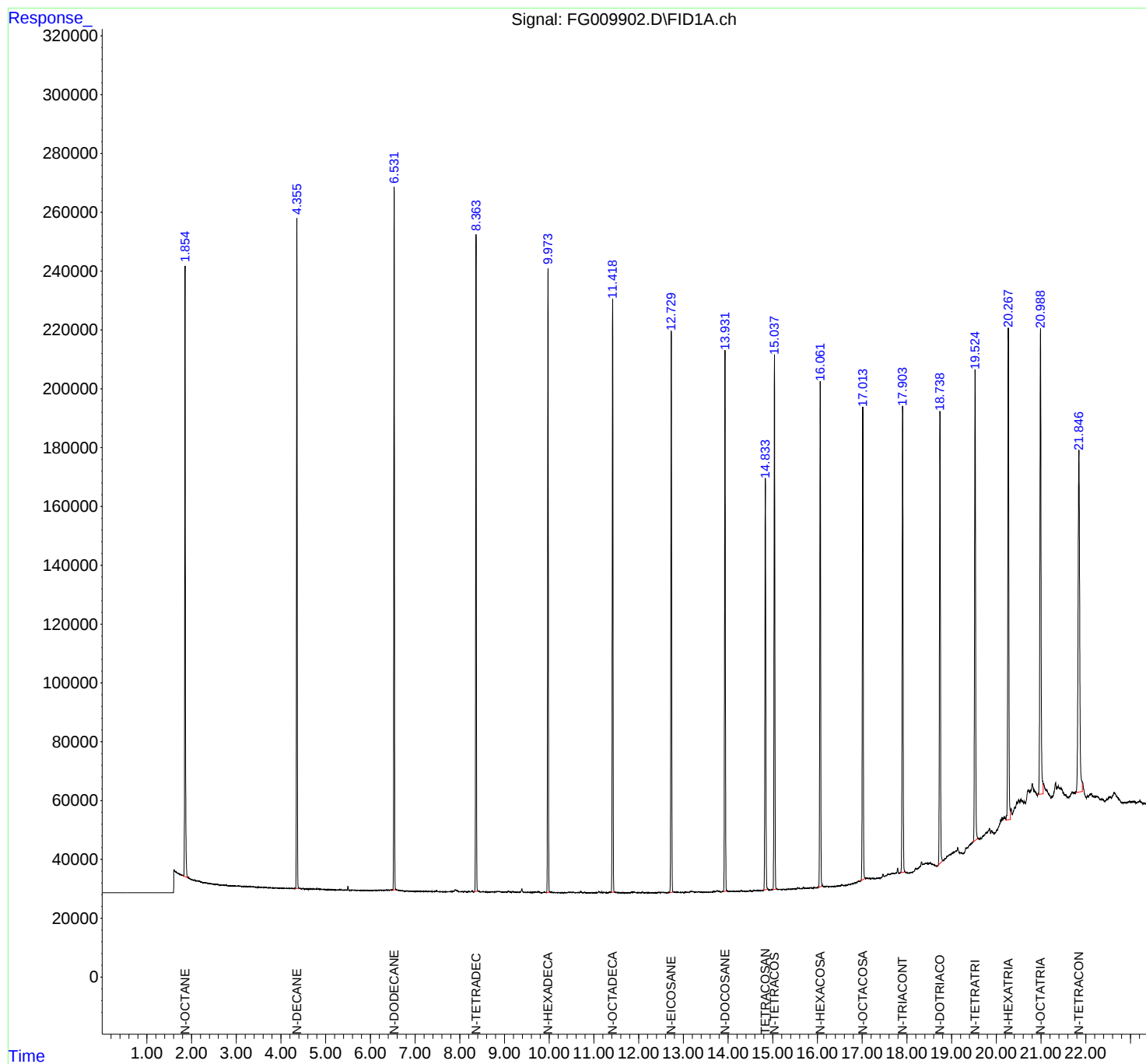
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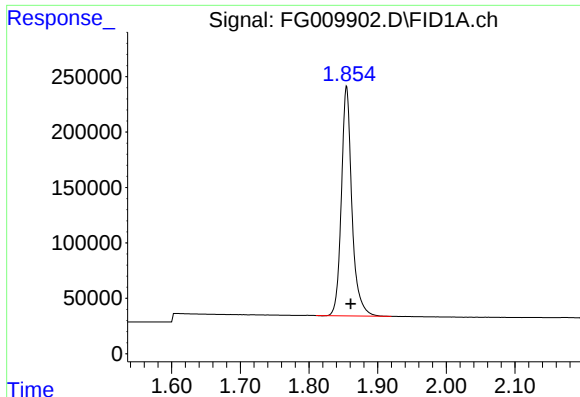
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Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 1.855 min
Delta R.T.: -0.006 min
Response: 2209098
Conc: 17.63 ug/ml

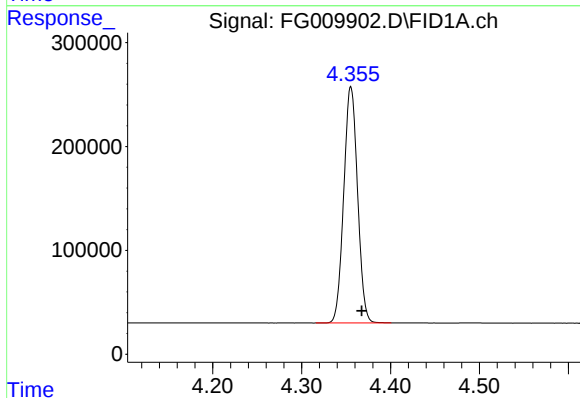
Instrument :

FID_G

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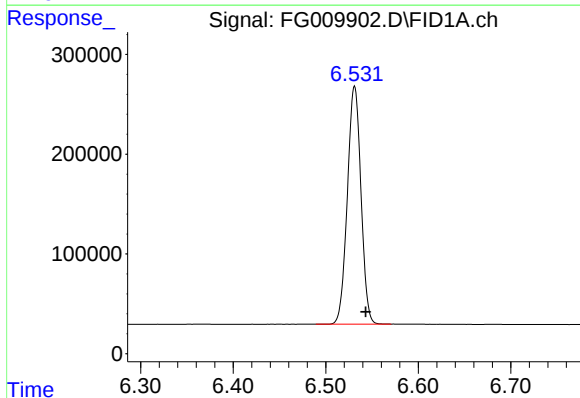
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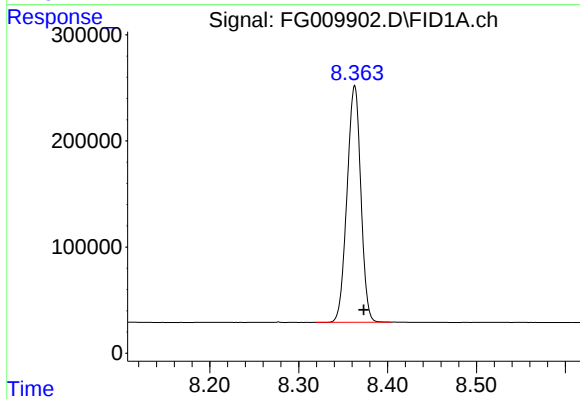
#2 N-DECANE

R.T.: 4.355 min
Delta R.T.: -0.012 min
Response: 2455543
Conc: 19.44 ug/ml



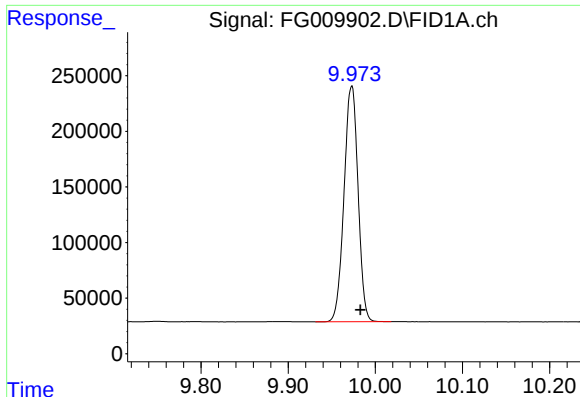
#3 N-DODECANE

R.T.: 6.531 min
Delta R.T.: -0.012 min
Response: 2437378
Conc: 19.32 ug/ml



#4 N-TETRADECANE

R.T.: 8.363 min
Delta R.T.: -0.010 min
Response: 2405036
Conc: 18.93 ug/ml



#5 N-HEXADECANE

R.T.: 9.973 min
Delta R.T.: -0.010 min
Response: 2369994
Conc: 18.79 ug/ml

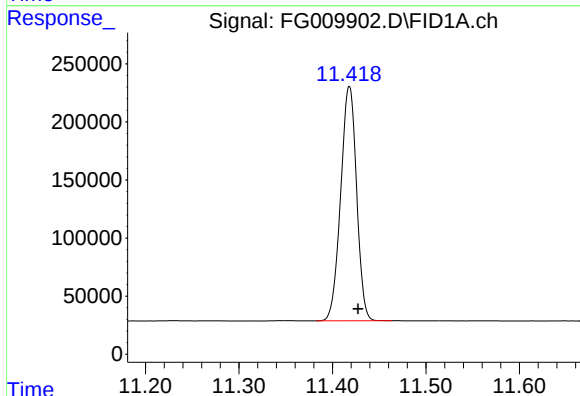
Instrument :

FID_G

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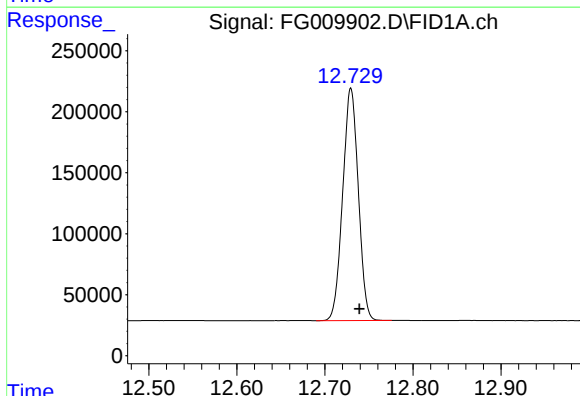
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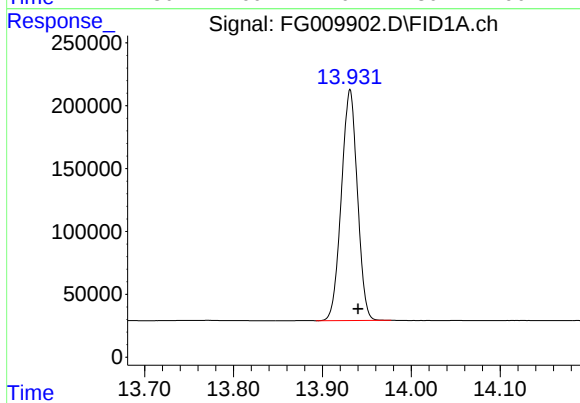
#6 N-OCTADECANE

R.T.: 11.418 min
Delta R.T.: -0.009 min
Response: 2386934
Conc: 18.91 ug/ml



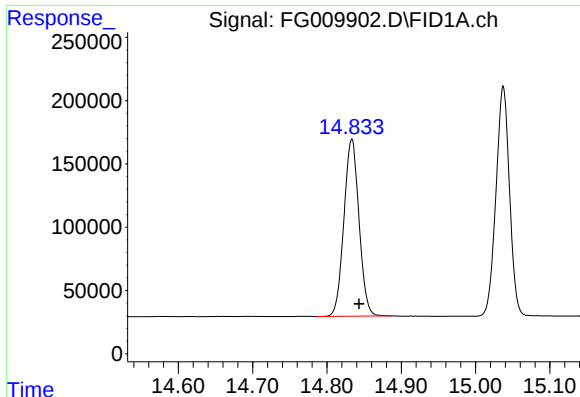
#7 N-EICOSANE

R.T.: 12.730 min
Delta R.T.: -0.010 min
Response: 2348783
Conc: 19.20 ug/ml



#8 N-DOCOSANE

R.T.: 13.931 min
Delta R.T.: -0.009 min
Response: 2301004
Conc: 19.08 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.834 min
Delta R.T.: -0.010 min
Response: 1974636
Conc: 18.76 ug/ml

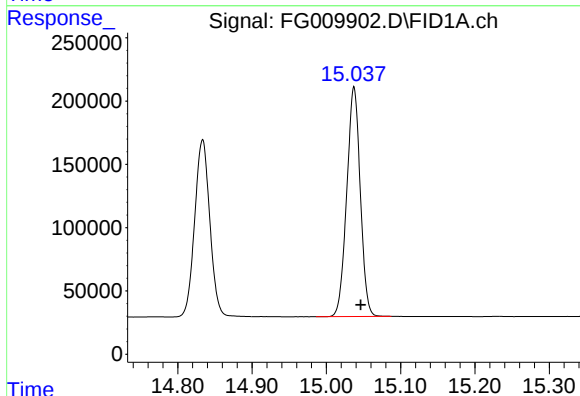
Instrument :

FID_G

ClientSampleId :
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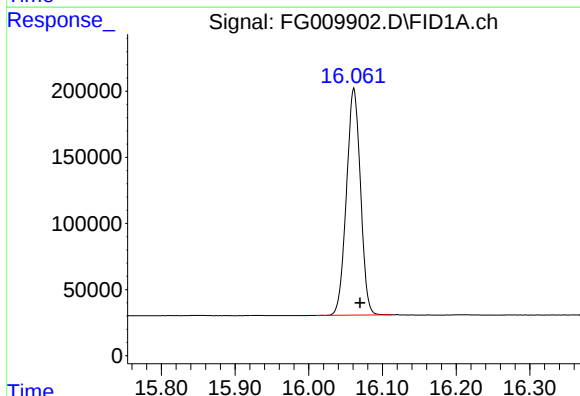
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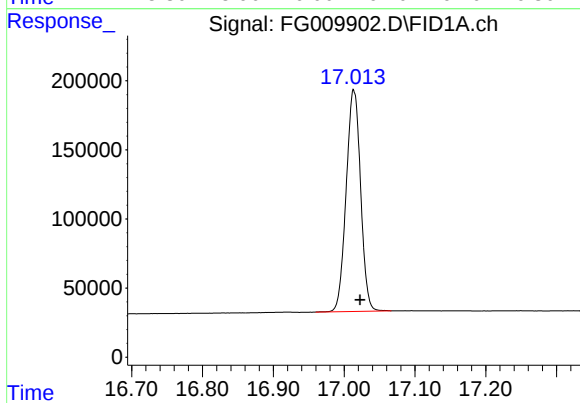
#10 N-TETRACOSANE

R.T.: 15.037 min
Delta R.T.: -0.009 min
Response: 2293152
Conc: 19.57 ug/ml



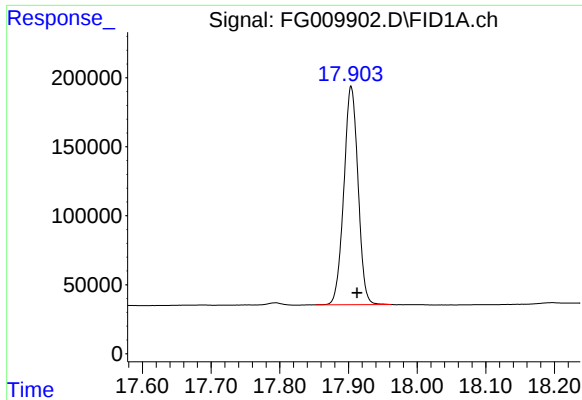
#11 N-HEXACOSANE

R.T.: 16.061 min
Delta R.T.: -0.009 min
Response: 2269851
Conc: 20.01 ug/ml



#12 N-OCTACOSANE

R.T.: 17.014 min
Delta R.T.: -0.009 min
Response: 2267580
Conc: 19.82 ug/ml



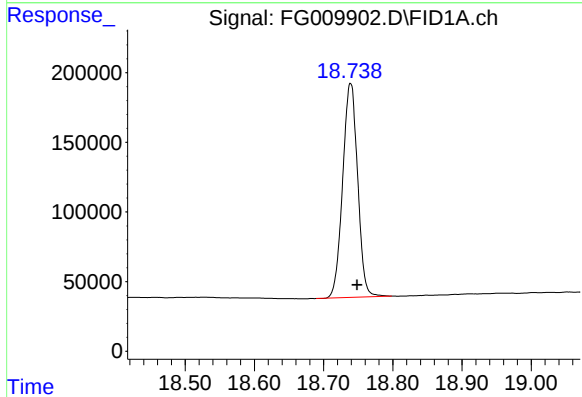
#13 N-TRIACONTANE

R.T.: 17.904 min
Delta R.T.: -0.008 min
Response: 2269254
Conc: 21.07 ug/ml

Instrument :
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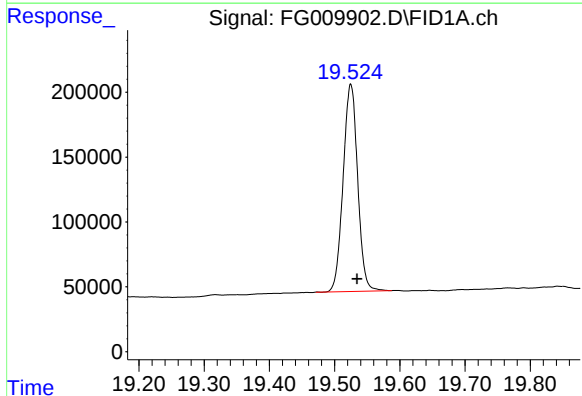
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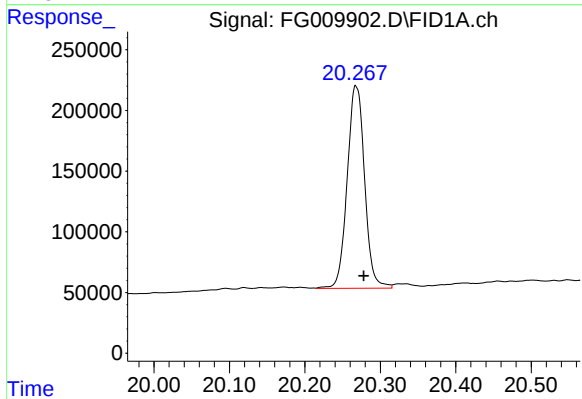
#14 N-DOTRIACONTANE

R.T.: 18.739 min
Delta R.T.: -0.009 min
Response: 2309362
Conc: 21.94 ug/ml



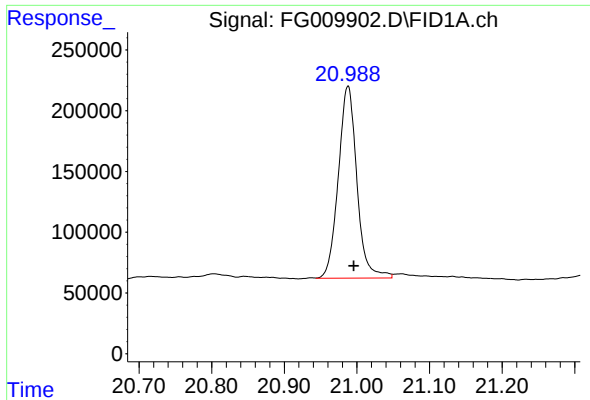
#15 N-TETRATRIACONTANE

R.T.: 19.525 min
Delta R.T.: -0.009 min
Response: 2474202
Conc: 25.77 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.267 min
Delta R.T.: -0.011 min
Response: 2678044
Conc: 33.14 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.988 min
Delta R.T.: -0.008 min
Response: 2811214
Conc: 39.15 ug/ml

Instrument :

FID_G

ClientSampleId :

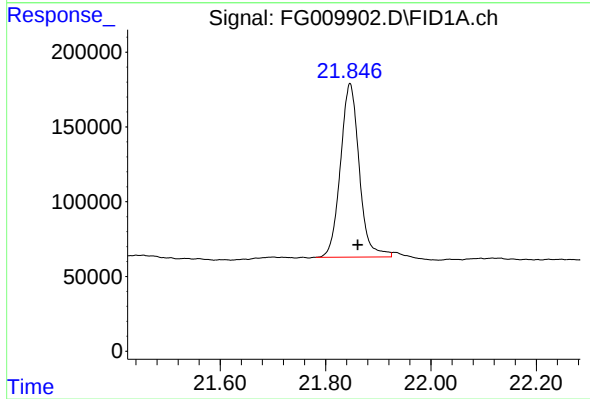
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#18 N-TETRACONTANE

R.T.: 21.846 min
Delta R.T.: -0.015 min
Response: 2876933
Conc: 40.97 ug/ml m