

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062722\
 Data File : FG009998.D
 Signal(s) : FID1A.ch
 Acq On : 27 Jun 2022 23:39
 Operator : AJ\MA
 Sample : PB145850BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB145850BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/28/2022
 Supervised By :Ankita Jodhani 06/28/2022

Integration File: autoint1.e
 Quant Time: Jun 28 01:26:21 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...	14.818	2418909	22.981 ug/ml
Target Compounds			
1) N-OCTANE	1.835	1940102	15.483 ug/ml
2) N-DECANE	4.343	2541632	20.126 ug/ml
3) N-DODECANE	6.521	2671173	21.173 ug/ml
4) N-TETRADECANE	8.351	2784100	21.911 ug/ml
5) N-HEXADECANE	9.960	2851484	22.608 ug/ml
6) N-OCTADECANE	11.404	2933882	23.245 ug/ml
7) N-EICOSANE	12.716	2904199	23.746 ug/ml
8) N-DOCOSANE	13.916	2839493	23.548 ug/ml
10) N-TETRACOSANE	15.022	2806692	23.948 ug/ml
11) N-HEXACOSANE	16.045	2729857	24.063 ug/ml
12) N-OCTACOSANE	16.998	2641960	23.088 ug/ml
13) N-TRIACONTANE	17.886	2561894	23.792 ug/ml
14) N-DOTRIACONTANE	18.720	2513733	23.881 ug/ml
15) N-TETRATRIACONTANE	19.505	2573319	26.801 ug/ml
16) N-HEXATRIACONTANE	20.247	2590060	32.049 ug/ml
17) N-OCTATRIACONTANE	20.964	2679226	37.307 ug/mlm
18) N-TETRACONTANE	21.814	2939987	41.867 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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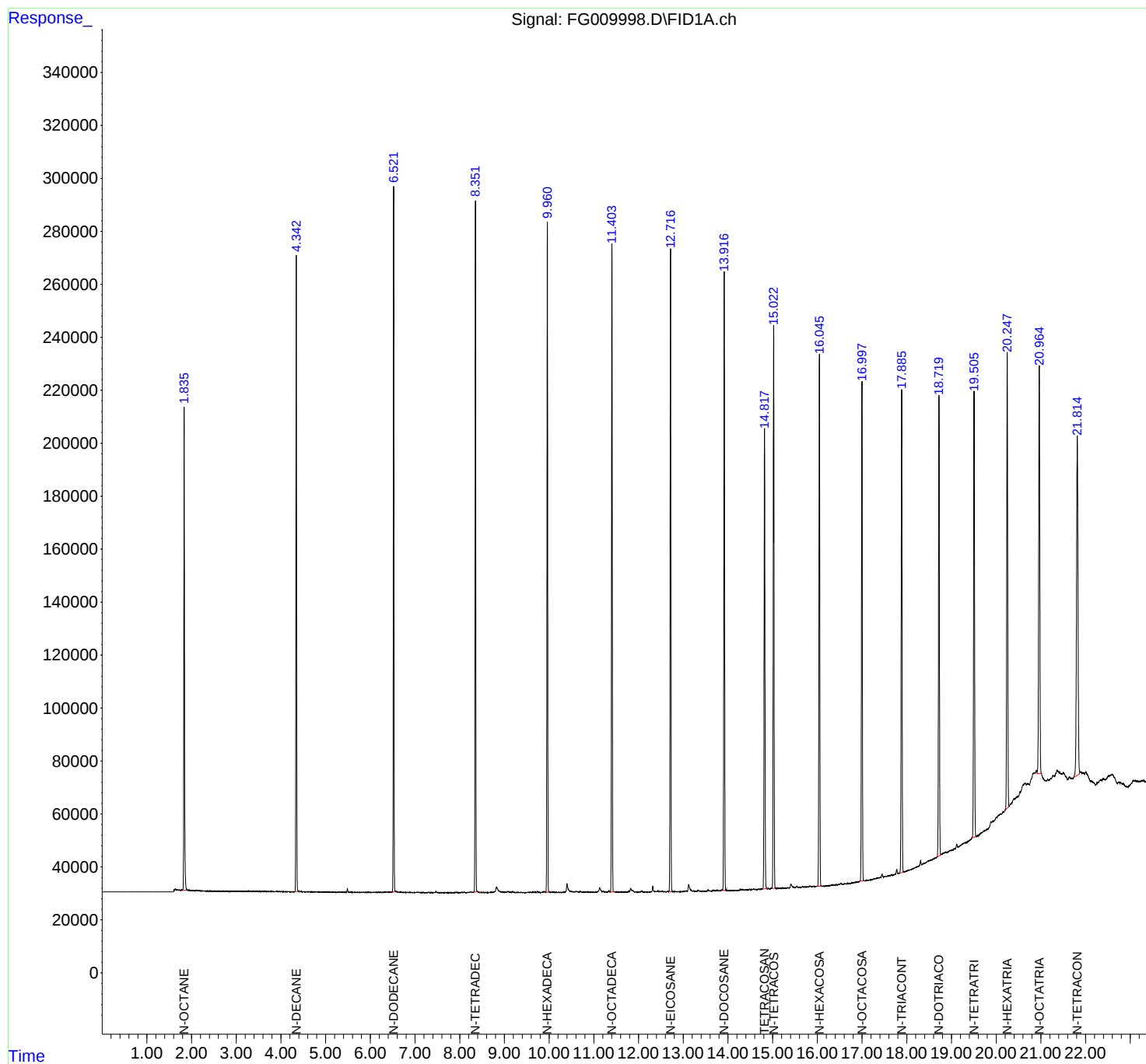
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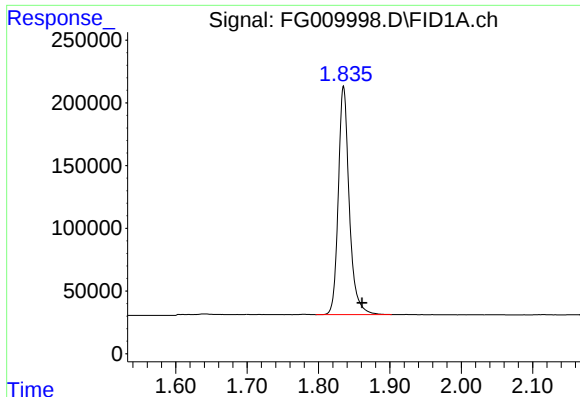
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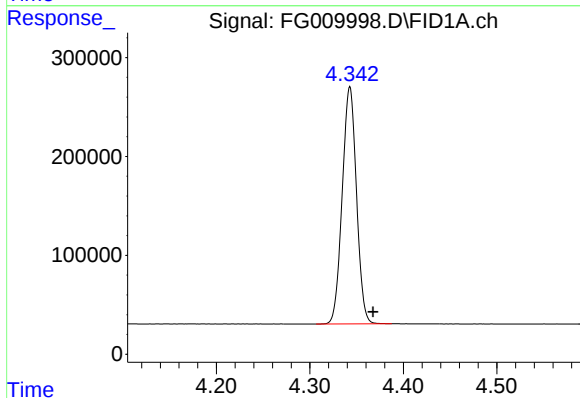
#1 N-OCTANE

R.T.: 1.835 min
Delta R.T.: -0.026 min
Response: 1940102
Conc: 15.48 ug/ml

Instrument :
FID_G
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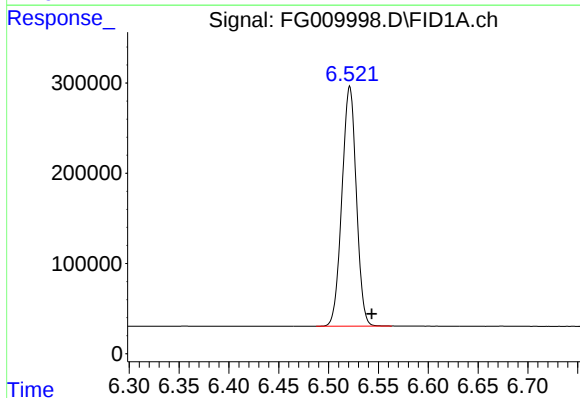
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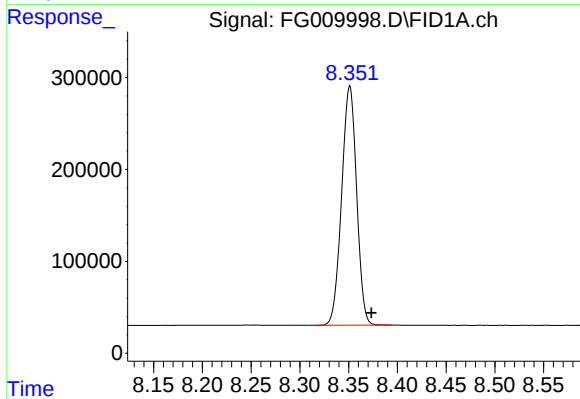
#2 N-DECANE

R.T.: 4.343 min
Delta R.T.: -0.025 min
Response: 2541632
Conc: 20.13 ug/ml



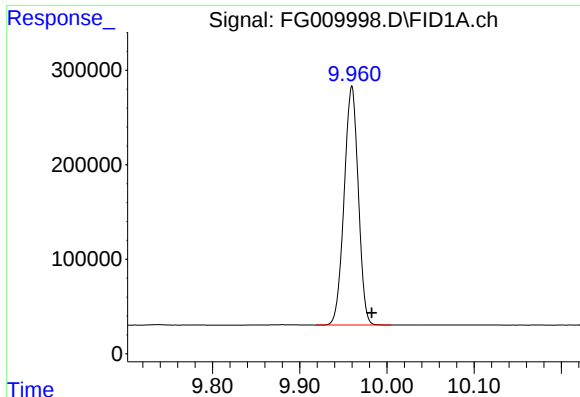
#3 N-DODECANE

R.T.: 6.521 min
Delta R.T.: -0.022 min
Response: 2671173
Conc: 21.17 ug/ml



#4 N-TETRADECANE

R.T.: 8.351 min
Delta R.T.: -0.022 min
Response: 2784100
Conc: 21.91 ug/ml



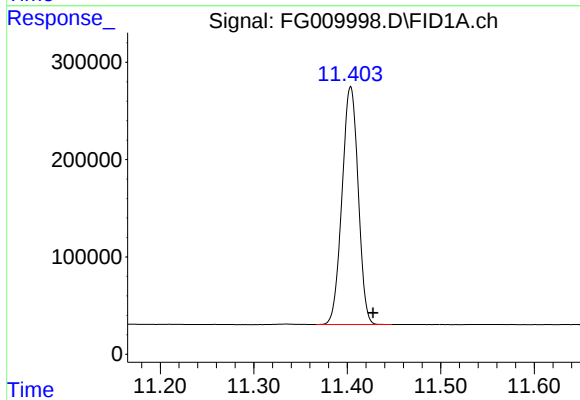
#5 N-HEXADECANE

R.T.: 9.960 min
Delta R.T.: -0.023 min
Response: 2851484
Conc: 22.61 ug/ml

Instrument :
FID_G
ClientSampleId :
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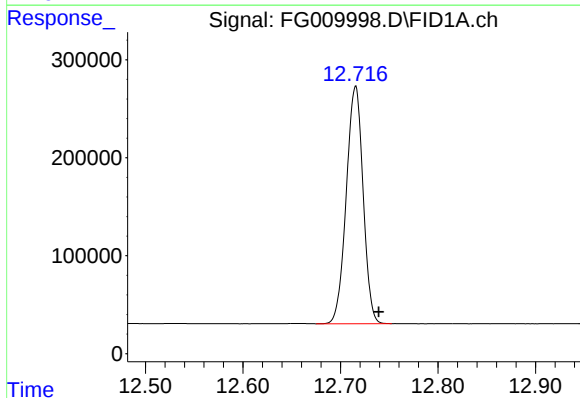
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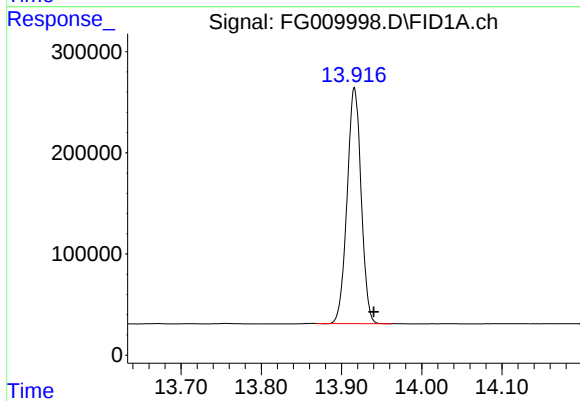
#6 N-OCTADECANE

R.T.: 11.404 min
Delta R.T.: -0.024 min
Response: 2933882
Conc: 23.25 ug/ml



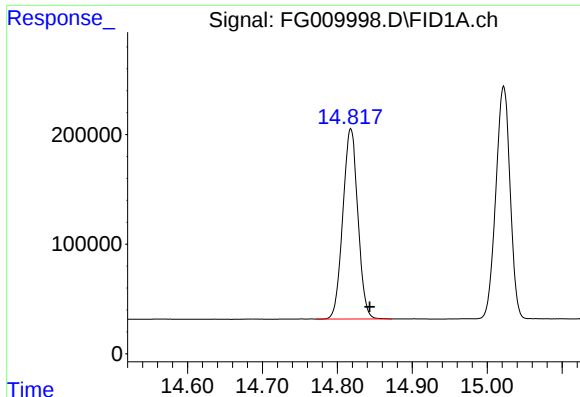
#7 N-EICOSANE

R.T.: 12.716 min
Delta R.T.: -0.024 min
Response: 2904199
Conc: 23.75 ug/ml



#8 N-DOCOSANE

R.T.: 13.916 min
Delta R.T.: -0.024 min
Response: 2839493
Conc: 23.55 ug/ml



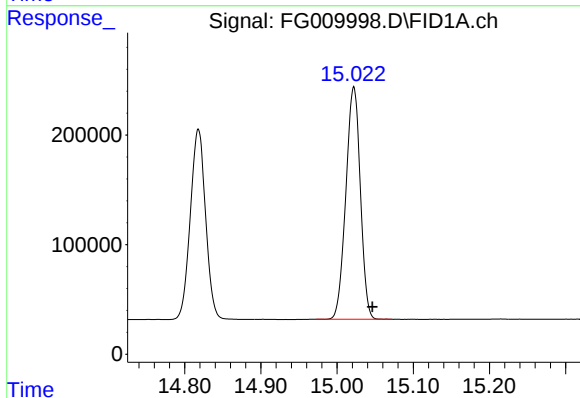
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.818 min
Delta R.T.: -0.025 min
Response: 2418909
Conc: 22.98 ug/ml

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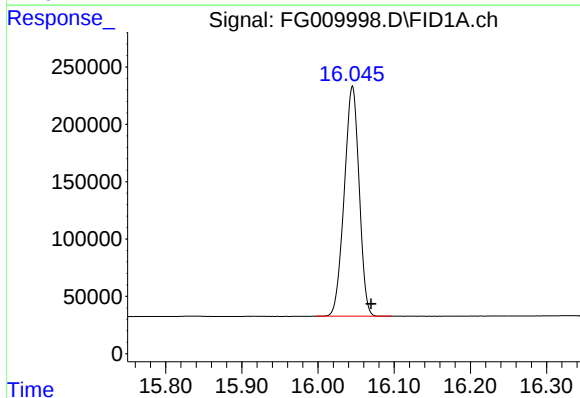
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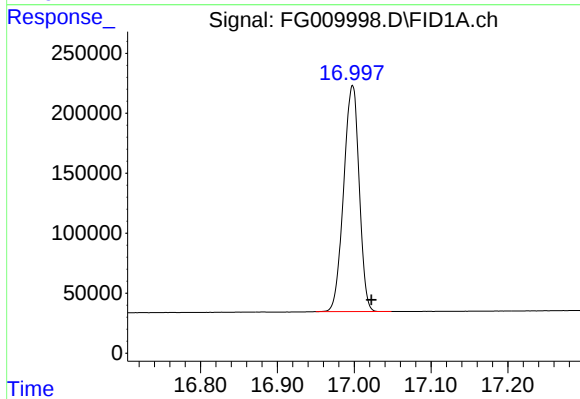
#10 N-TETRACOSANE

R.T.: 15.022 min
Delta R.T.: -0.024 min
Response: 2806692
Conc: 23.95 ug/ml



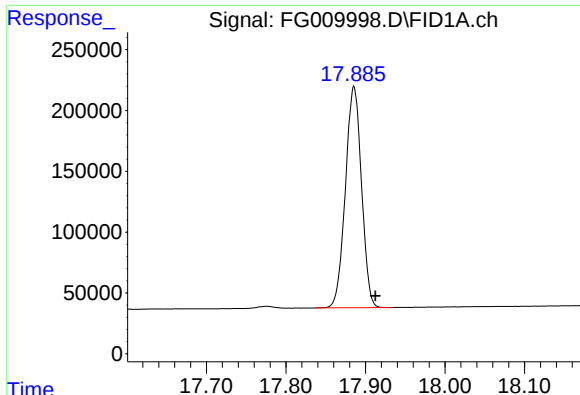
#11 N-HEXACOSANE

R.T.: 16.045 min
Delta R.T.: -0.025 min
Response: 2729857
Conc: 24.06 ug/ml



#12 N-OCTACOSANE

R.T.: 16.998 min
Delta R.T.: -0.025 min
Response: 2641960
Conc: 23.09 ug/ml



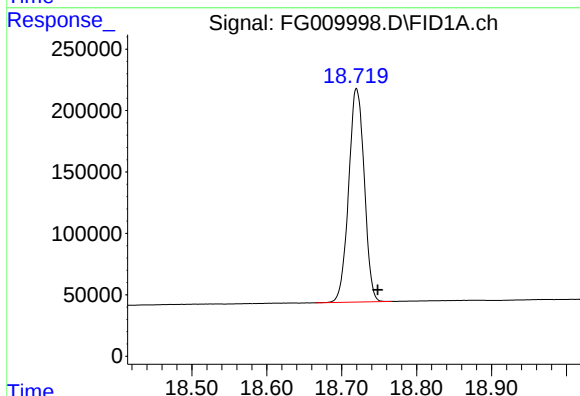
#13 N-TRIACONTANE

R.T.: 17.886 min
Delta R.T.: -0.027 min
Response: 2561894
Conc: 23.79 ug/ml

Instrument :
FID_G
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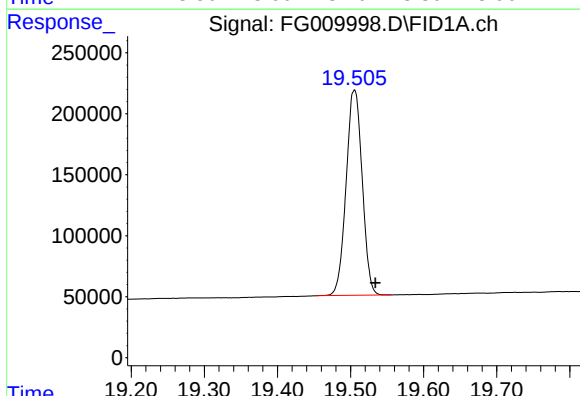
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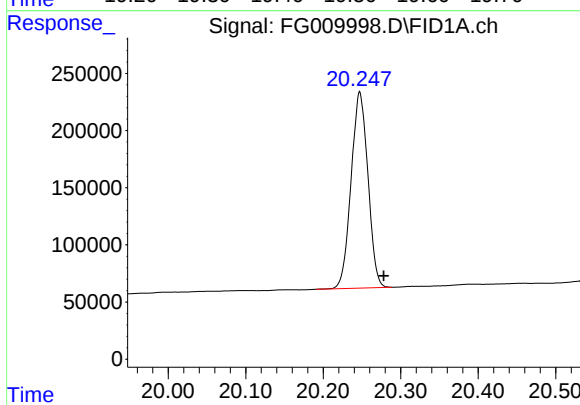
#14 N-DOTRIACONTANE

R.T.: 18.720 min
Delta R.T.: -0.029 min
Response: 2513733
Conc: 23.88 ug/ml



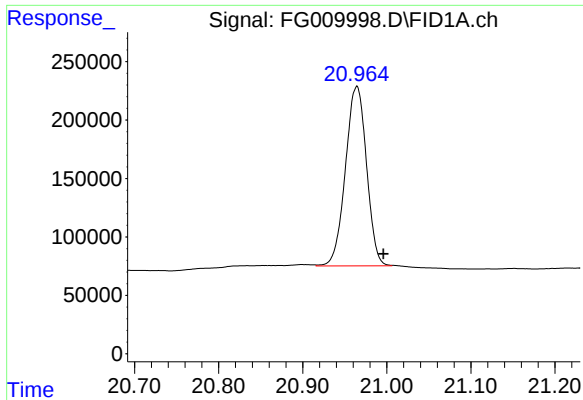
#15 N-TETRATRIACONTANE

R.T.: 19.505 min
Delta R.T.: -0.029 min
Response: 2573319
Conc: 26.80 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.247 min
Delta R.T.: -0.031 min
Response: 2590060
Conc: 32.05 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.964 min
Delta R.T.: -0.031 min
Response: 2679226
Conc: 37.31 ug/ml

Instrument :

FID_G

ClientSampleId :

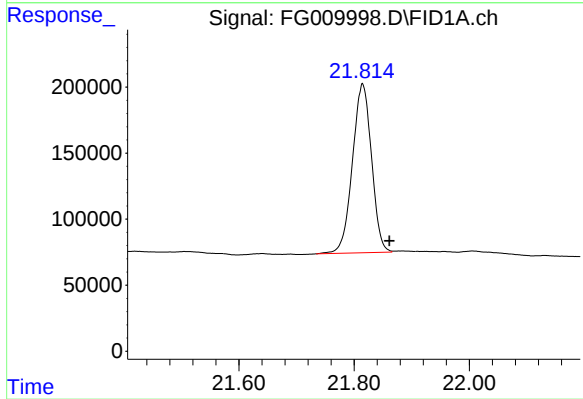
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#18 N-TETRACONTANE

R.T.: 21.814 min
Delta R.T.: -0.047 min
Response: 2939987
Conc: 41.87 ug/ml m