

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062422\
 Data File : FG009973.D
 Signal(s) : FID1A.ch
 Acq On : 25 Jun 2022 05:21
 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 06/27/2022
 Supervised By :Ankita Jodhani 06/27/2022

Integration File: autoint1.e
 Quant Time: Jun 25 05:51:03 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...	14.824	5495794	52.214 ug/mlm
Target Compounds			
1) N-OCTANE	1.838	5797573	46.266 ug/ml
2) N-DECANE	4.347	6285101	49.768 ug/ml
3) N-DODECANE	6.526	6357324	50.392 ug/ml
4) N-TETRADECANE	8.356	6452997	50.786 ug/ml
5) N-HEXADECANE	9.965	6494255	51.489 ug/ml
6) N-OCTADECANE	11.410	6522164	51.676 ug/ml
7) N-EICOSANE	12.722	6381226	52.176 ug/ml
8) N-DOCOSANE	13.923	6283549	52.110 ug/ml
10) N-TETRACOSANE	15.028	6135900	52.354 ug/ml
11) N-HEXACOSANE	16.051	5974535	52.664 ug/ml
12) N-OCTACOSANE	17.004	5855933	51.174 ug/ml
13) N-TRIACONTANE	17.894	5828029	54.124 ug/ml
14) N-DOTRIACONTANE	18.728	5579669	53.009 ug/ml
15) N-TETRATRIACONTANE	19.512	5143794	53.572 ug/mlm
16) N-HEXATRIACONTANE	20.254	4420042	54.692 ug/mlm
17) N-OCTATRIACONTANE	20.971	4068555	56.653 ug/mlm
18) N-TETRACONTANE	21.823	4404695	62.725 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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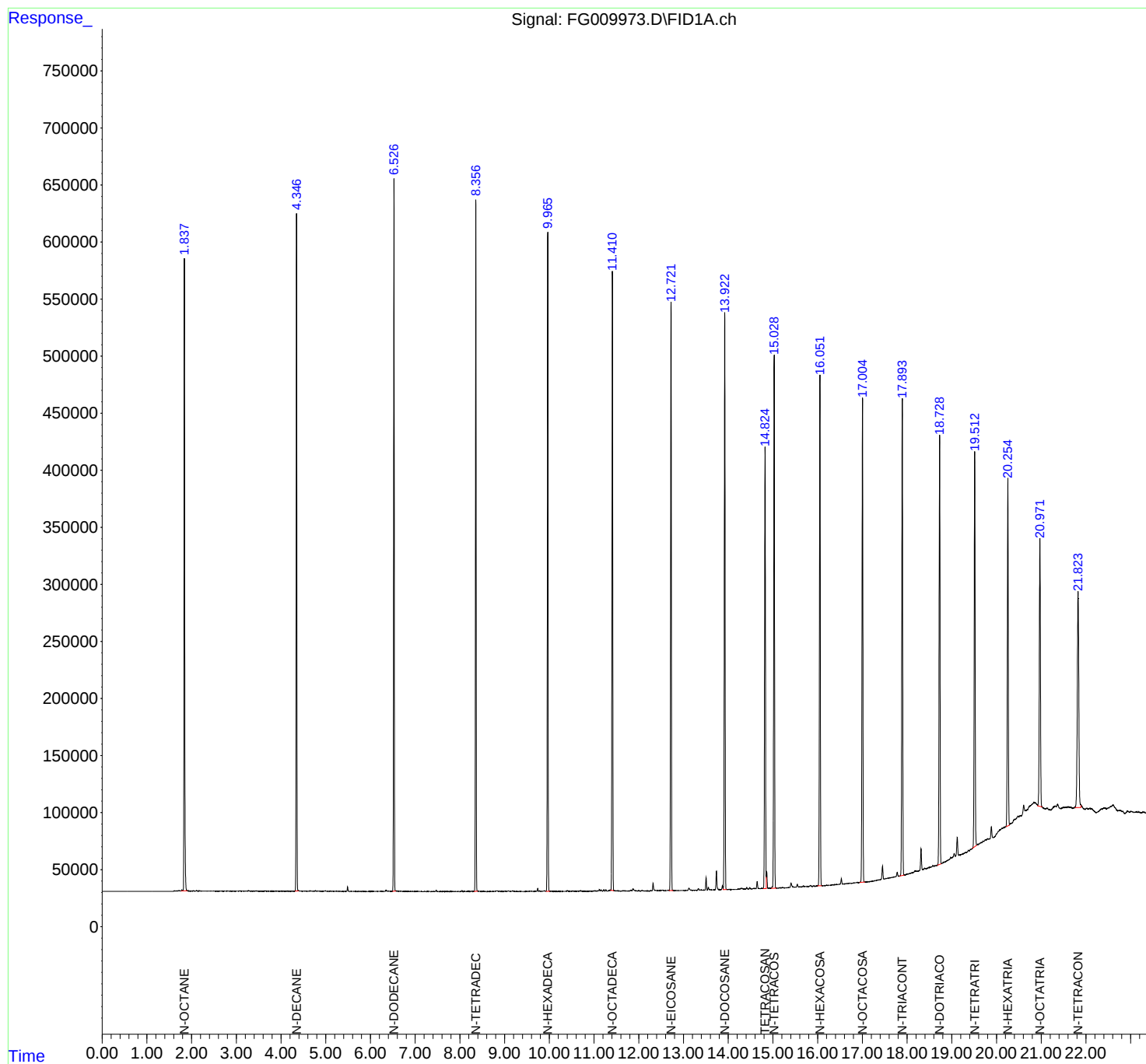
Instrument :
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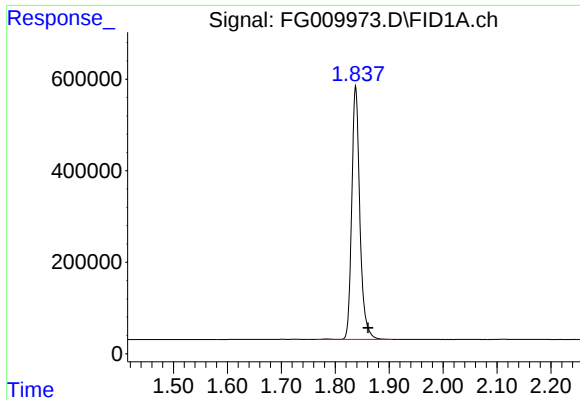
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 1.838 min
Delta R.T.: -0.023 min
Response: 5797573
Conc: 46.27 ug/ml

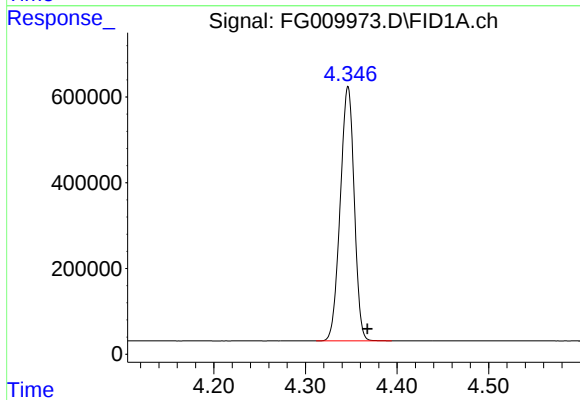
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

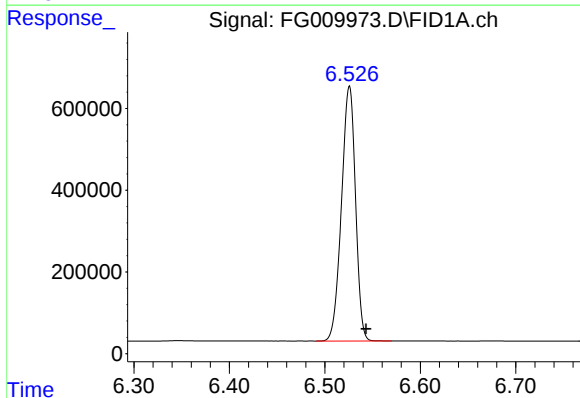
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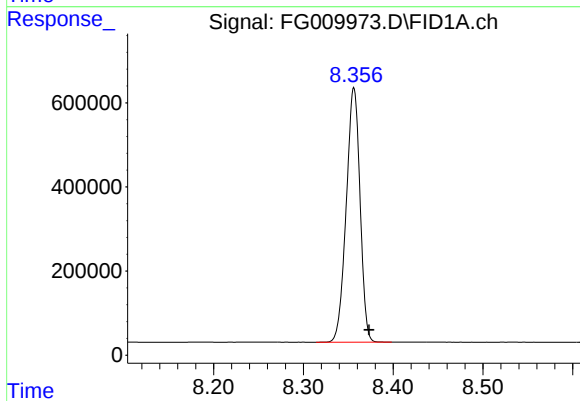
#2 N-DECANE

R.T.: 4.347 min
Delta R.T.: -0.021 min
Response: 6285101
Conc: 49.77 ug/ml



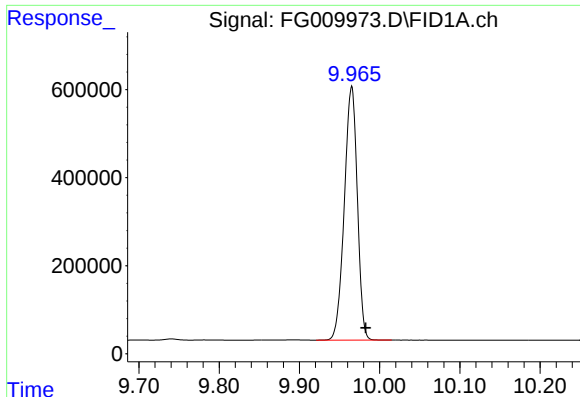
#3 N-DODECANE

R.T.: 6.526 min
Delta R.T.: -0.017 min
Response: 6357324
Conc: 50.39 ug/ml



#4 N-TETRADECANE

R.T.: 8.356 min
Delta R.T.: -0.017 min
Response: 6452997
Conc: 50.79 ug/ml



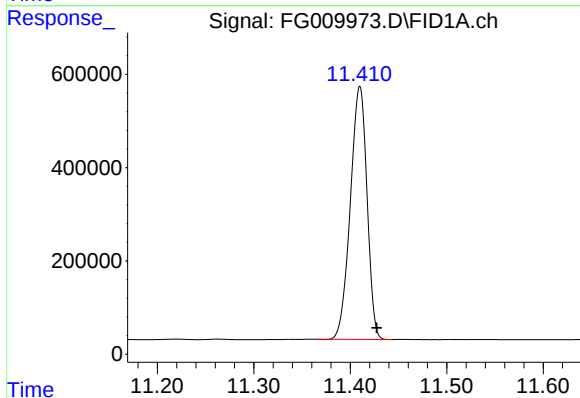
#5 N-HEXADECANE

R.T.: 9.965 min
Delta R.T.: -0.017 min
Response: 6494255
Conc: 51.49 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

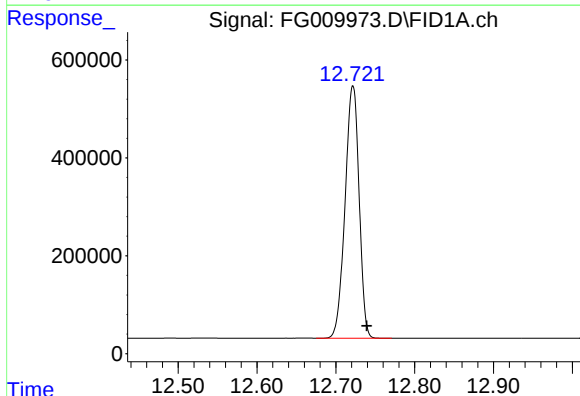
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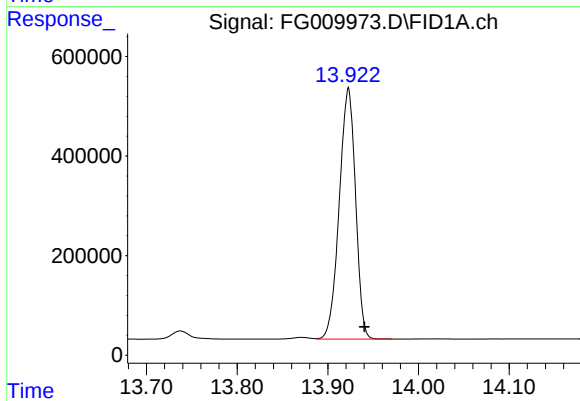
#6 N-OCTADECANE

R.T.: 11.410 min
Delta R.T.: -0.017 min
Response: 6522164
Conc: 51.68 ug/ml



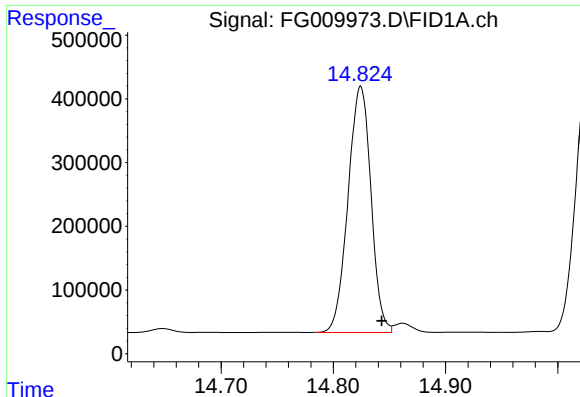
#7 N-EICOSANE

R.T.: 12.722 min
Delta R.T.: -0.017 min
Response: 6381226
Conc: 52.18 ug/ml



#8 N-DOCOSANE

R.T.: 13.923 min
Delta R.T.: -0.018 min
Response: 6283549
Conc: 52.11 ug/ml



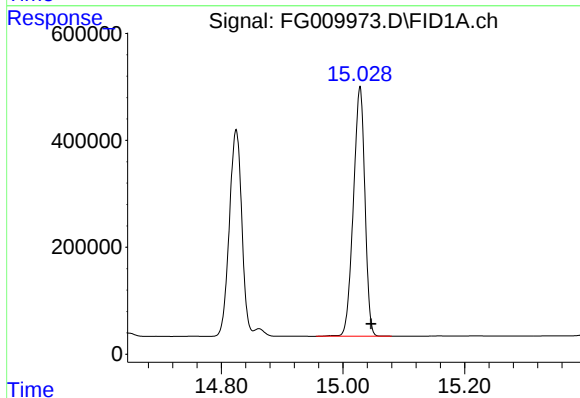
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.824 min
Delta R.T.: -0.019 min
Response: 5495794
Conc: 52.21 ug/ml

Instrument :
FID_G
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50 PPM TRPH STD

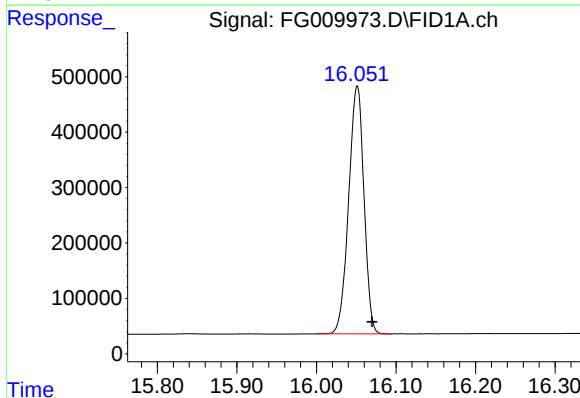
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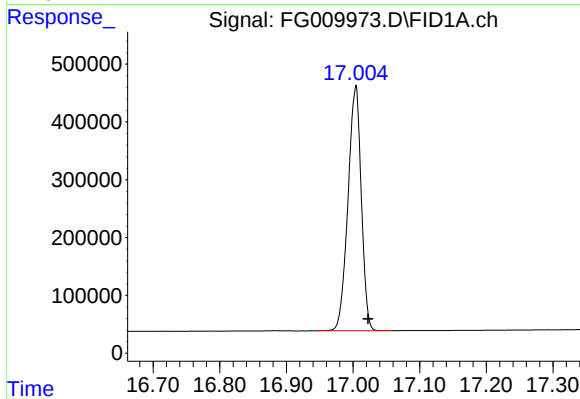
#10 N-TETRACOSANE

R.T.: 15.028 min
Delta R.T.: -0.018 min
Response: 6135900
Conc: 52.35 ug/ml



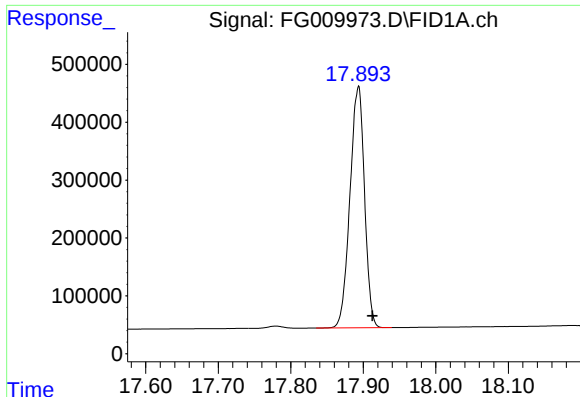
#11 N-HEXACOSANE

R.T.: 16.051 min
Delta R.T.: -0.018 min
Response: 5974535
Conc: 52.66 ug/ml



#12 N-OCTACOSANE

R.T.: 17.004 min
Delta R.T.: -0.018 min
Response: 5855933
Conc: 51.17 ug/ml



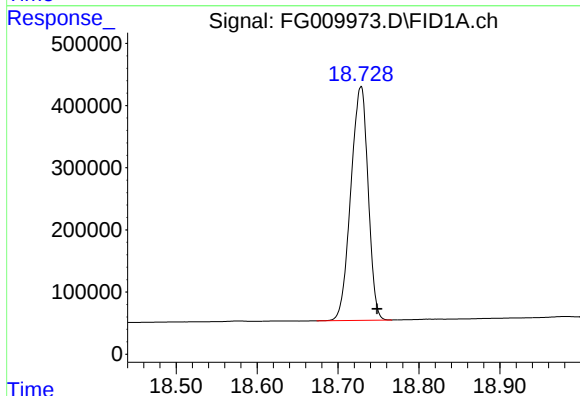
#13 N-TRIACONTANE

R.T.: 17.894 min
Delta R.T.: -0.019 min
Response: 5828029
Conc: 54.12 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

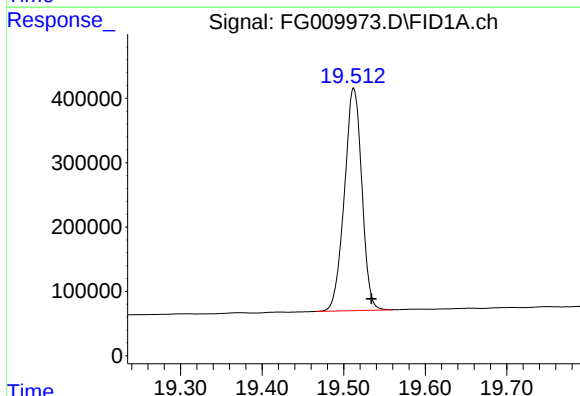
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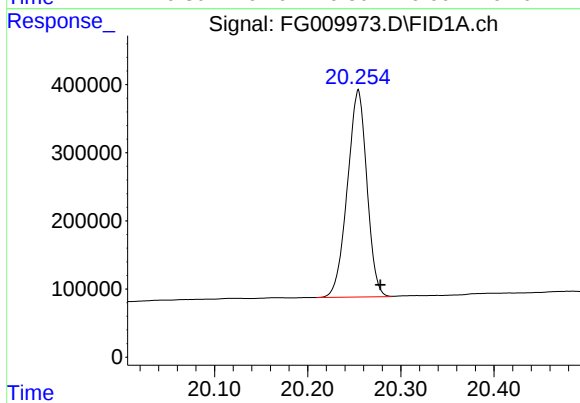
#14 N-DOTRIACONTANE

R.T.: 18.728 min
Delta R.T.: -0.020 min
Response: 5579669
Conc: 53.01 ug/ml



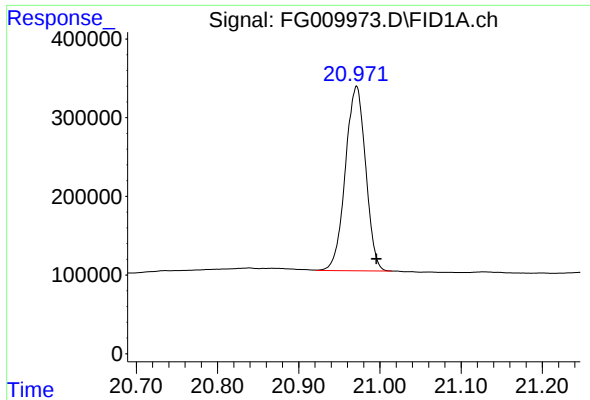
#15 N-TETRATRIACONTANE

R.T.: 19.512 min
Delta R.T.: -0.023 min
Response: 5143794
Conc: 53.57 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.254 min
Delta R.T.: -0.024 min
Response: 4420042
Conc: 54.69 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.971 min
Delta R.T.: -0.025 min
Response: 4068555
Conc: 56.65 ug/ml

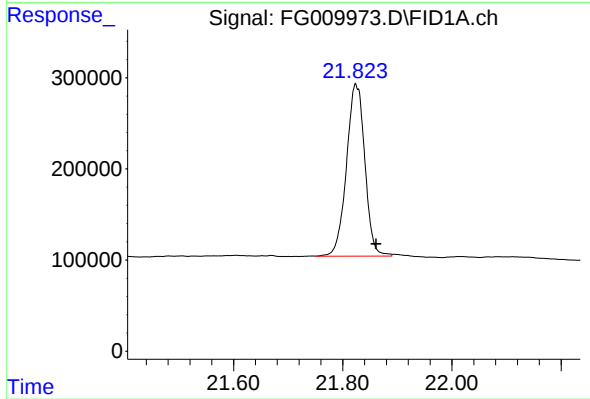
Instrument :

FID_G

ClientSampleId :
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#18 N-TETRACONTANE

R.T.: 21.823 min
Delta R.T.: -0.038 min
Response: 4404695
Conc: 62.72 ug/ml m