

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062822\
 Data File : FG010010.D
 Signal(s) : FID1A.ch
 Acq On : 28 Jun 2022 05:58
 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 06/29/2022
 Supervised By :Ankita Jodhani 06/29/2022

Integration File: Sample.e
 Quant Time: Jun 29 01:25:00 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...	14.821	5788139	54.991 ug/mlm
Target Compounds			
1) N-OCTANE	1.834	5800193	46.287 ug/ml
2) N-DECANE	4.343	6581184	52.112 ug/ml
3) N-DODECANE	6.523	6678338	52.937 ug/ml
4) N-TETRADECANE	8.354	6798616	53.506 ug/ml
5) N-HEXADECANE	9.962	6861447	54.400 ug/ml
6) N-OCTADECANE	11.407	6905745	54.715 ug/ml
7) N-EICOSANE	12.719	6767718	55.336 ug/ml
8) N-DOCOSANE	13.919	6662891	55.256 ug/ml
10) N-TETRACOSANE	15.025	6505331	55.506 ug/ml
11) N-HEXACOSANE	16.048	6297300	55.509 ug/ml
12) N-OCTACOSANE	17.000	6133551	53.600 ug/ml
13) N-TRIACONTANE	17.889	6087936	56.538 ug/ml
14) N-DOTRIACONTANE	18.723	5813807	55.233 ug/ml
15) N-TETRATRIACONTANE	19.509	5330815	55.520 ug/ml
16) N-HEXATRIACONTANE	20.249	4520295	55.933 ug/mlm
17) N-OCTATRIACONTANE	20.965	4114951	57.300 ug/ml
18) N-TETRACONTANE	21.813	4319845	61.517 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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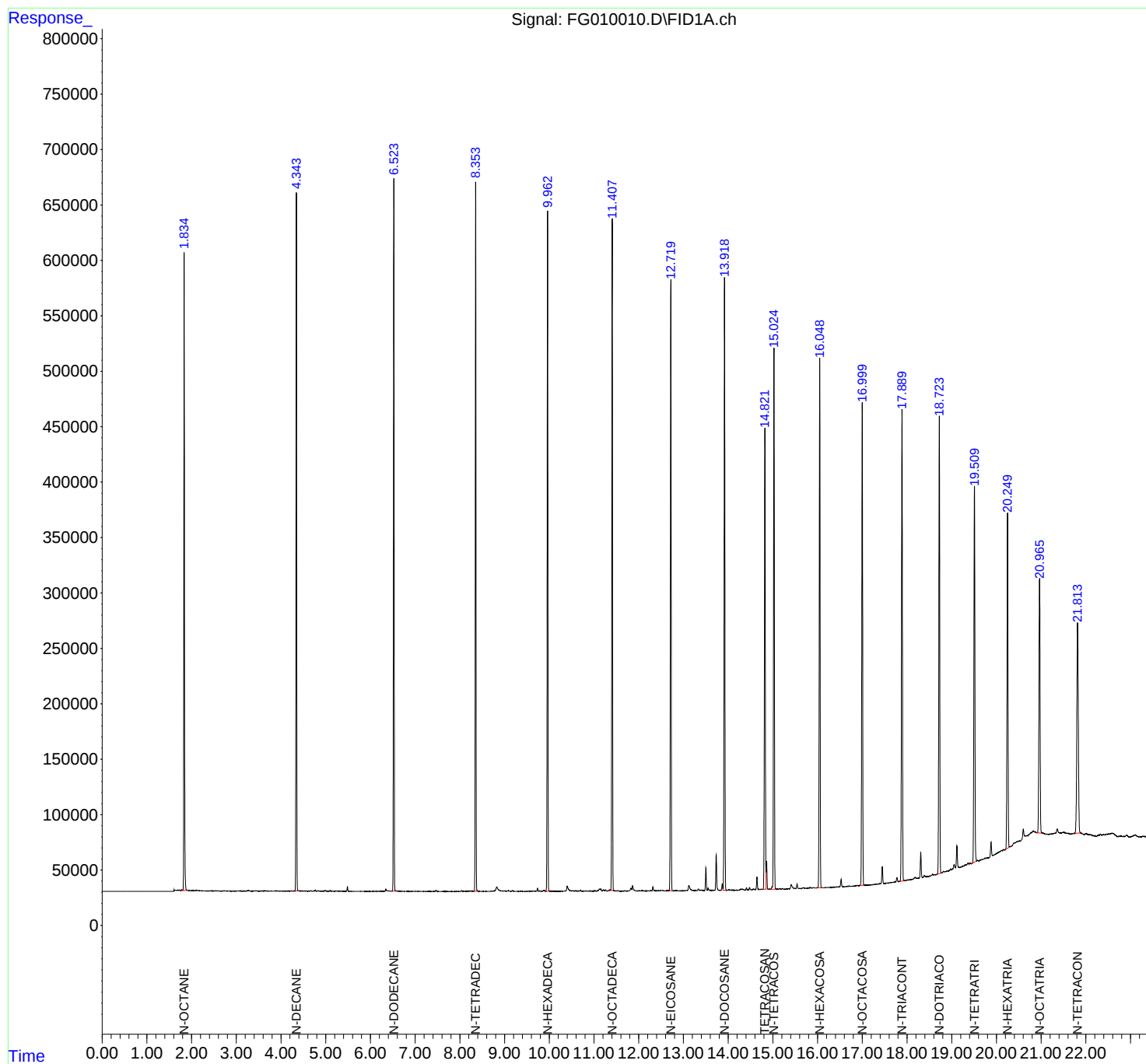
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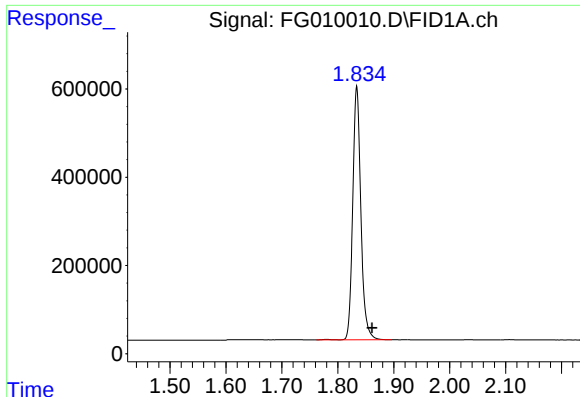
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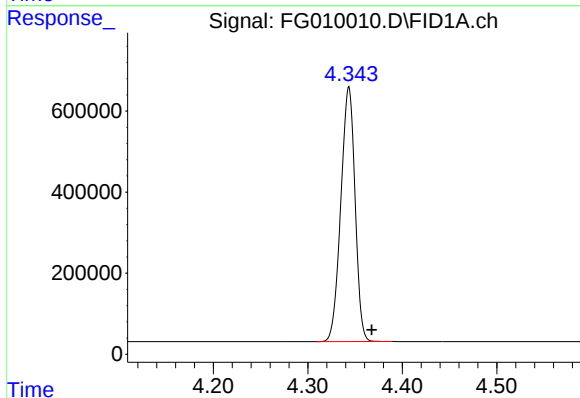
#1 N-OCTANE

R.T.: 1.834 min
Delta R.T.: -0.027 min
Response: 5800193
Conc: 46.29 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

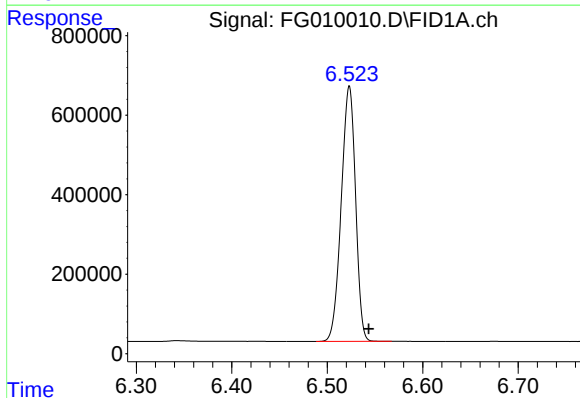
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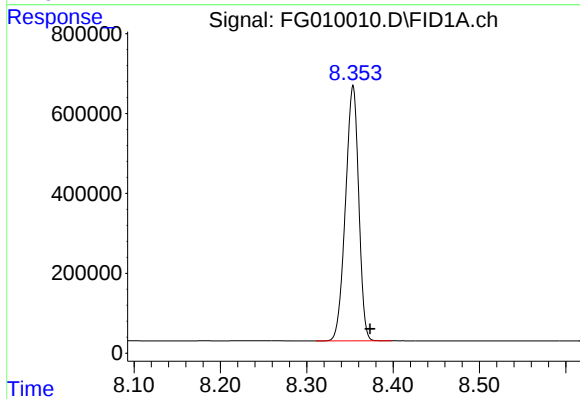
#2 N-DECANE

R.T.: 4.343 min
Delta R.T.: -0.024 min
Response: 6581184
Conc: 52.11 ug/ml



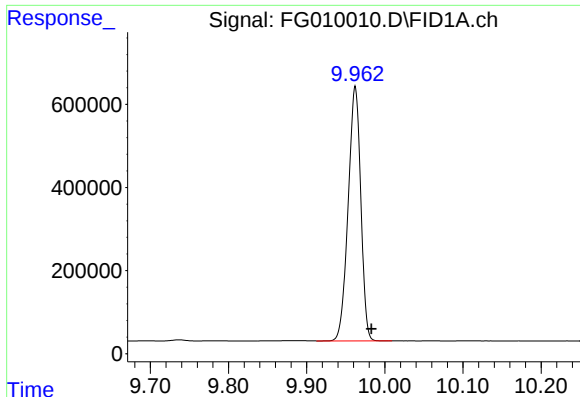
#3 N-DODECANE

R.T.: 6.523 min
Delta R.T.: -0.020 min
Response: 6678338
Conc: 52.94 ug/ml



#4 N-TETRADECANE

R.T.: 8.354 min
Delta R.T.: -0.020 min
Response: 6798616
Conc: 53.51 ug/ml



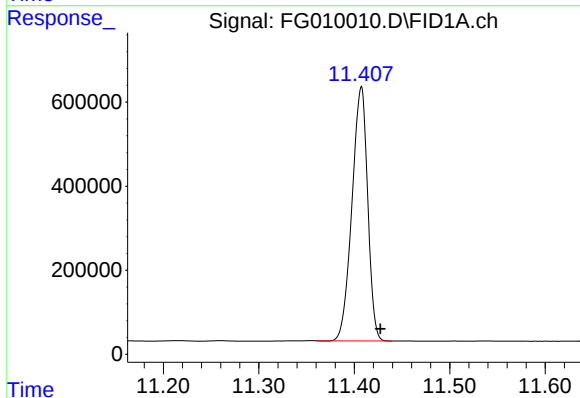
#5 N-HEXADECANE

R.T.: 9.962 min
Delta R.T.: -0.021 min
Response: 6861447
Conc: 54.40 ug/ml

Instrument :
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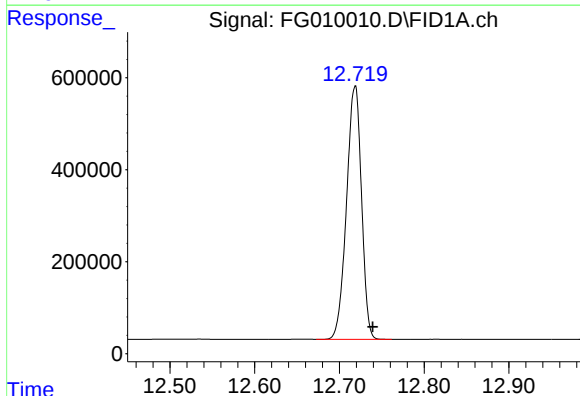
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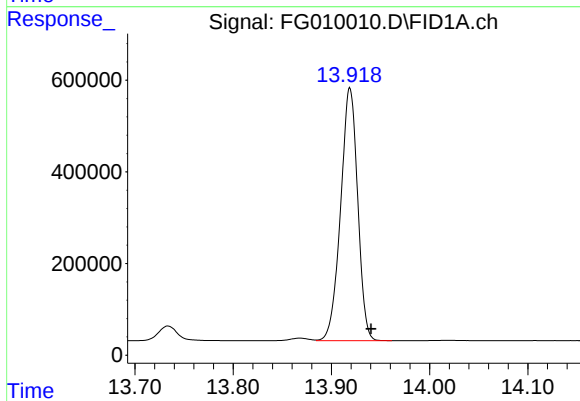
#6 N-OCTADECANE

R.T.: 11.407 min
Delta R.T.: -0.020 min
Response: 6905745
Conc: 54.71 ug/ml



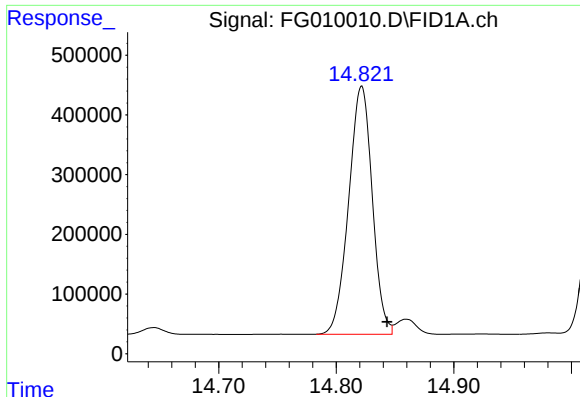
#7 N-EICOSANE

R.T.: 12.719 min
Delta R.T.: -0.021 min
Response: 6767718
Conc: 55.34 ug/ml



#8 N-DOCOSANE

R.T.: 13.919 min
Delta R.T.: -0.021 min
Response: 6662891
Conc: 55.26 ug/ml



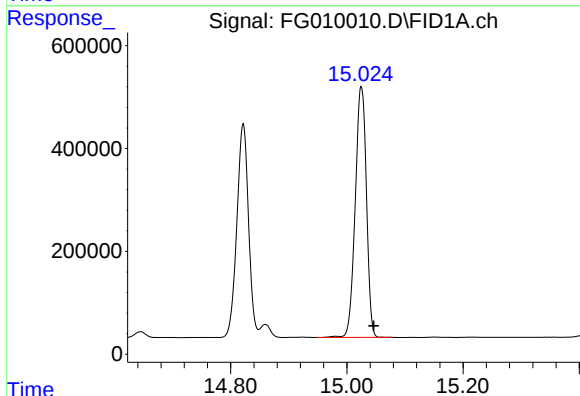
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.821 min
Delta R.T.: -0.022 min
Response: 5788139
Conc: 54.99 ug/ml

Instrument :
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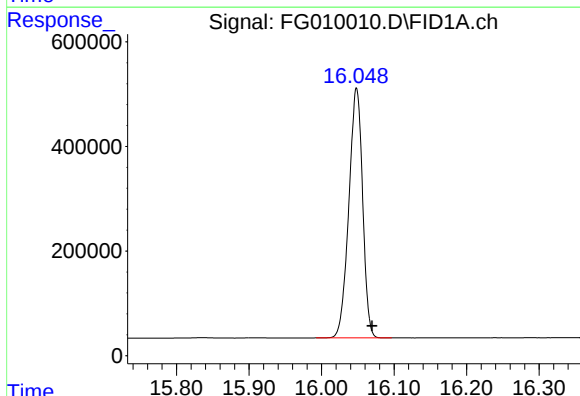
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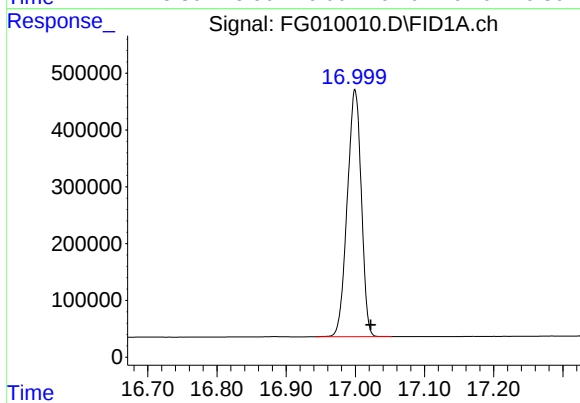
#10 N-TETRACOSANE

R.T.: 15.025 min
Delta R.T.: -0.021 min
Response: 6505331
Conc: 55.51 ug/ml



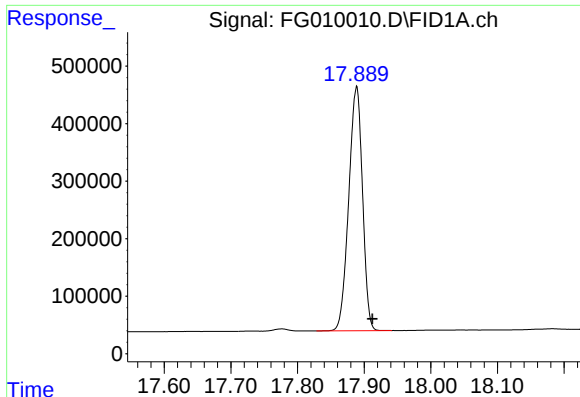
#11 N-HEXACOSANE

R.T.: 16.048 min
Delta R.T.: -0.021 min
Response: 6297300
Conc: 55.51 ug/ml



#12 N-OCTACOSANE

R.T.: 17.000 min
Delta R.T.: -0.023 min
Response: 6133551
Conc: 53.60 ug/ml



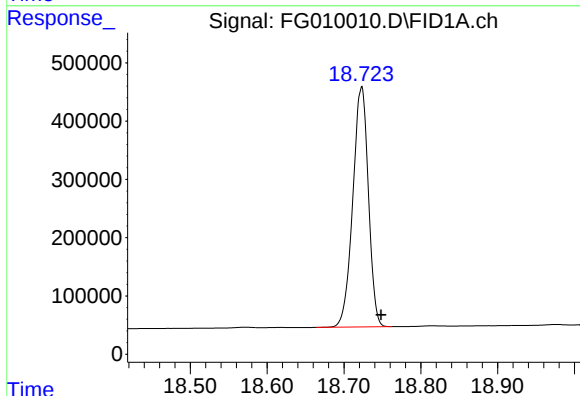
#13 N-TRIACONTANE

R.T.: 17.889 min
Delta R.T.: -0.024 min
Response: 6087936
Conc: 56.54 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

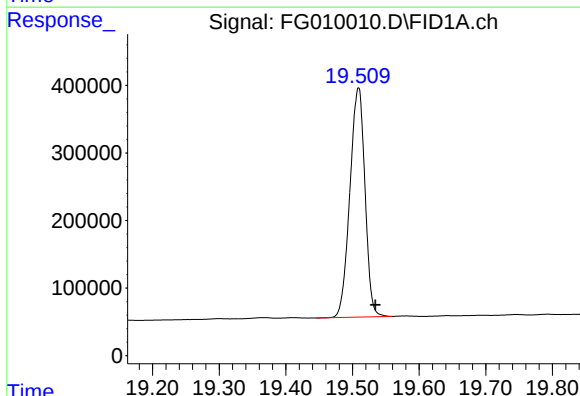
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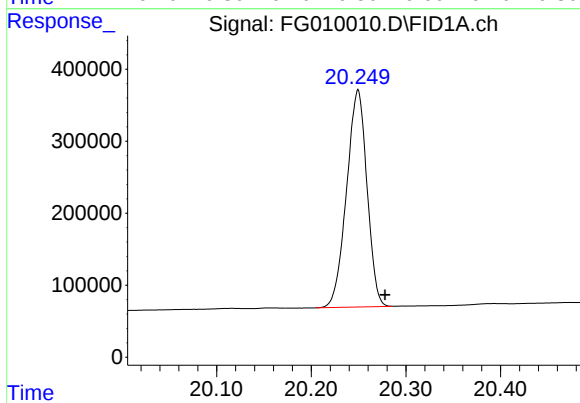
#14 N-DOTRIACONTANE

R.T.: 18.723 min
Delta R.T.: -0.025 min
Response: 5813807
Conc: 55.23 ug/ml



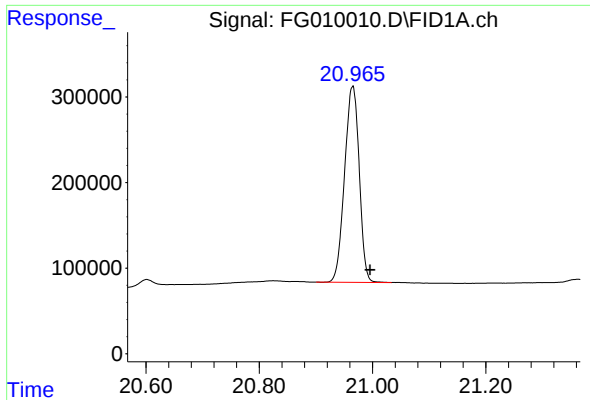
#15 N-TETRATRIACONTANE

R.T.: 19.509 min
Delta R.T.: -0.025 min
Response: 5330815
Conc: 55.52 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.249 min
Delta R.T.: -0.029 min
Response: 4520295
Conc: 55.93 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.965 min
Delta R.T.: -0.031 min
Response: 4114951
Conc: 57.30 ug/ml

Instrument :

FID_G

ClientSampleId :

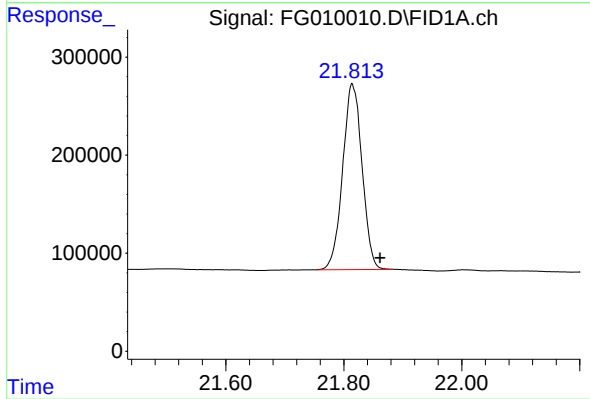
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#18 N-TETRACONTANE

R.T.: 21.813 min
Delta R.T.: -0.048 min
Response: 4319845
Conc: 61.52 ug/ml m