

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062822\
 Data File : FG010018.D
 Signal(s) : FID1A.ch
 Acq On : 28 Jun 2022 12:39
 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 01:27:12 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...	14.820	5188921	49.298 ug/mlm
Target Compounds			
1) N-OCTANE	1.833	5221135	41.666 ug/ml
2) N-DECANE	4.342	5935791	47.002 ug/ml
3) N-DODECANE	6.522	6007082	47.616 ug/ml
4) N-TETRADECANE	8.352	6108570	48.075 ug/ml
5) N-HEXADECANE	9.961	6162172	48.856 ug/ml
6) N-OCTADECANE	11.406	6200812	49.130 ug/ml
7) N-EICOSANE	12.718	6073599	49.660 ug/ml
8) N-DOCOSANE	13.918	5969229	49.504 ug/ml
10) N-TETRACOSANE	15.024	5828739	49.733 ug/ml
11) N-HEXACOSANE	16.046	5640273	49.717 ug/ml
12) N-OCTACOSANE	16.998	5502112	48.082 ug/ml
13) N-TRIACONTANE	17.886	5484600	50.934 ug/ml
14) N-DOTRIACONTANE	18.722	5257719	49.950 ug/ml
15) N-TETRATRIACONTANE	19.505	4812909	50.126 ug/ml
16) N-HEXATRIACONTANE	20.248	4066538	50.318 ug/ml
17) N-OCTATRIACONTANE	20.964	3665104	51.036 ug/ml
18) N-TETRACONTANE	21.816	3881803	55.279 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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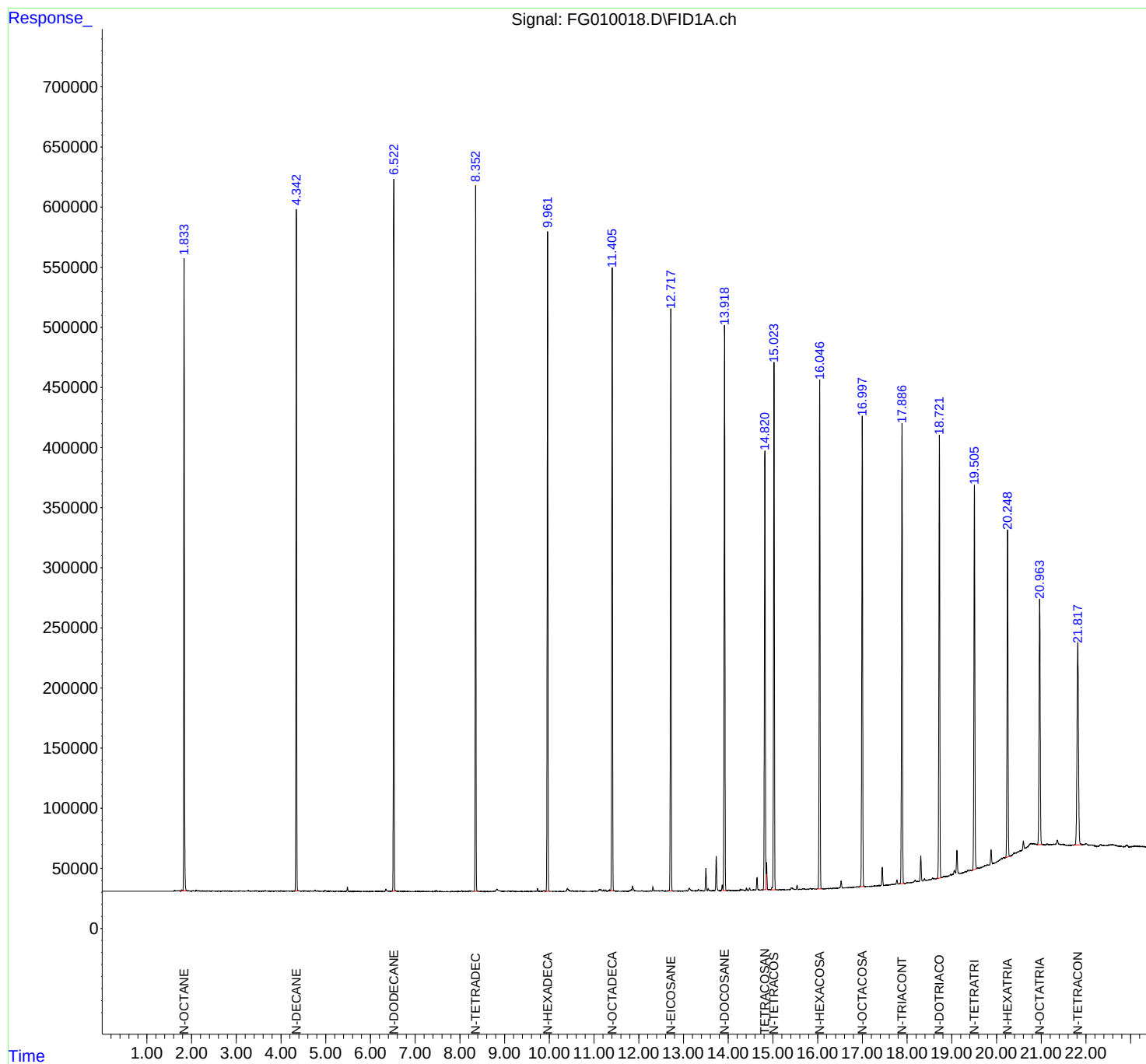
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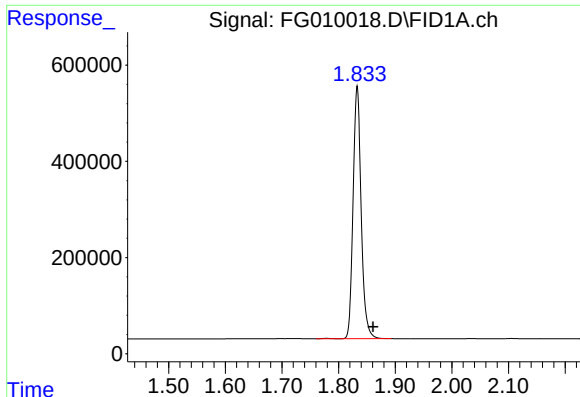
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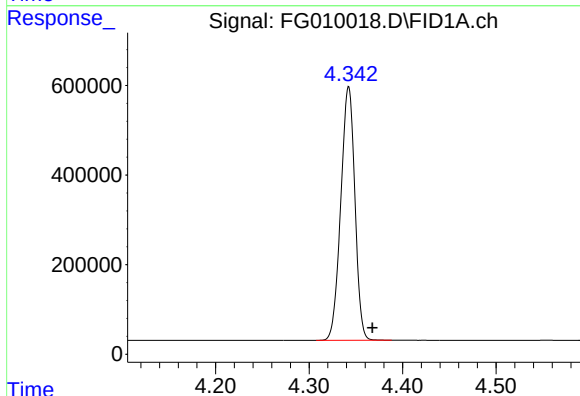
#1 N-OCTANE

R.T.: 1.833 min
Delta R.T.: -0.028 min
Response: 5221135
Conc: 41.67 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

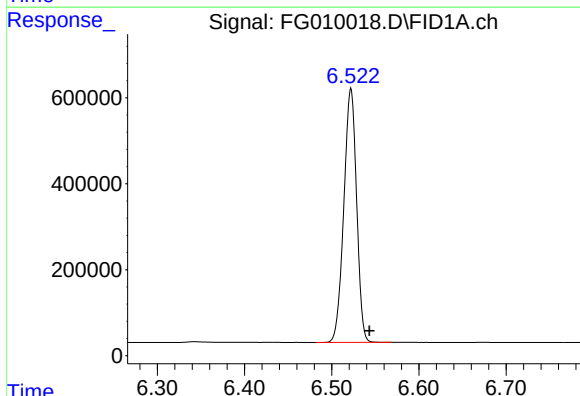
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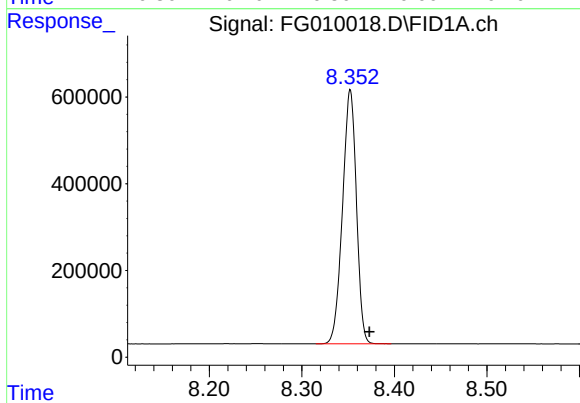
#2 N-DECANE

R.T.: 4.342 min
Delta R.T.: -0.025 min
Response: 5935791
Conc: 47.00 ug/ml



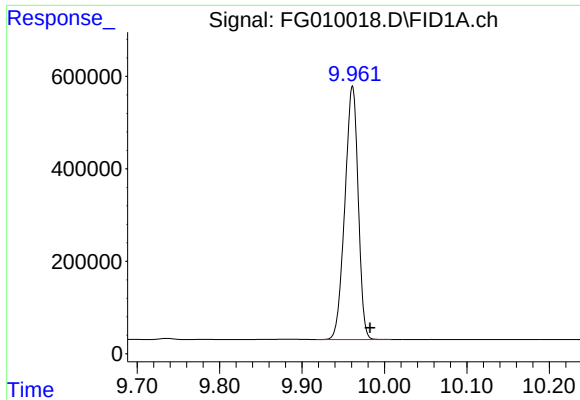
#3 N-DODECANE

R.T.: 6.522 min
Delta R.T.: -0.021 min
Response: 6007082
Conc: 47.62 ug/ml



#4 N-TETRADECANE

R.T.: 8.352 min
Delta R.T.: -0.021 min
Response: 6108570
Conc: 48.08 ug/ml



#5 N-HEXADECANE

R.T.: 9.961 min
Delta R.T.: -0.021 min
Response: 6162172
Conc: 48.86 ug/ml

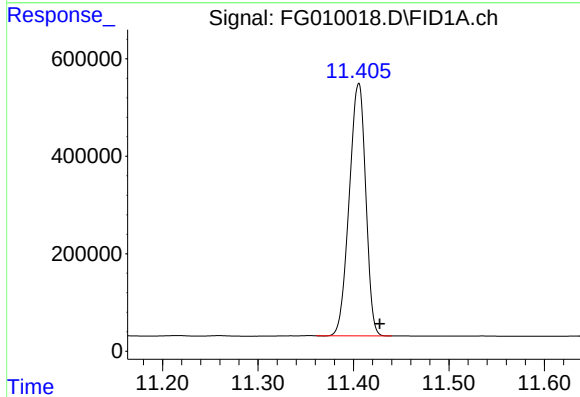
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

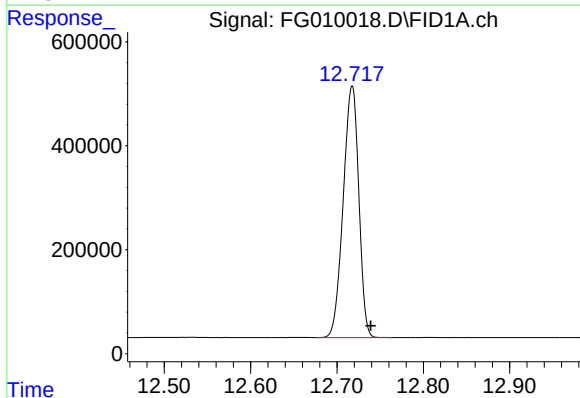
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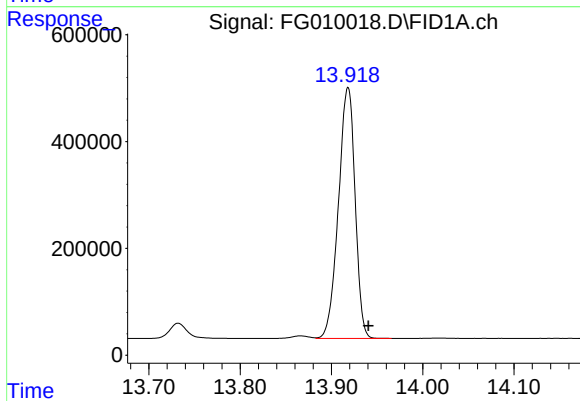
#6 N-OCTADECANE

R.T.: 11.406 min
Delta R.T.: -0.022 min
Response: 6200812
Conc: 49.13 ug/ml



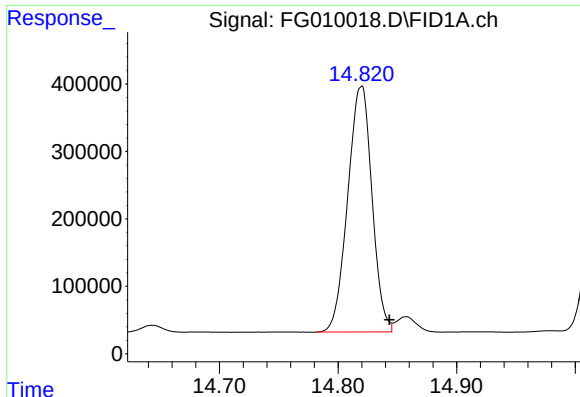
#7 N-EICOSANE

R.T.: 12.718 min
Delta R.T.: -0.022 min
Response: 6073599
Conc: 49.66 ug/ml



#8 N-DOCOSANE

R.T.: 13.918 min
Delta R.T.: -0.022 min
Response: 5969229
Conc: 49.50 ug/ml



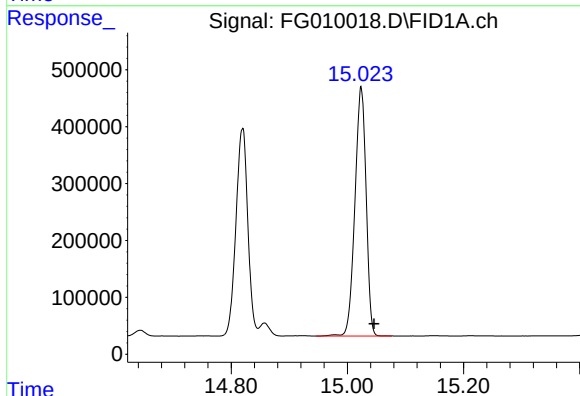
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.820 min
Delta R.T.: -0.023 min
Response: 5188921
Conc: 49.30 ug/ml

Instrument :
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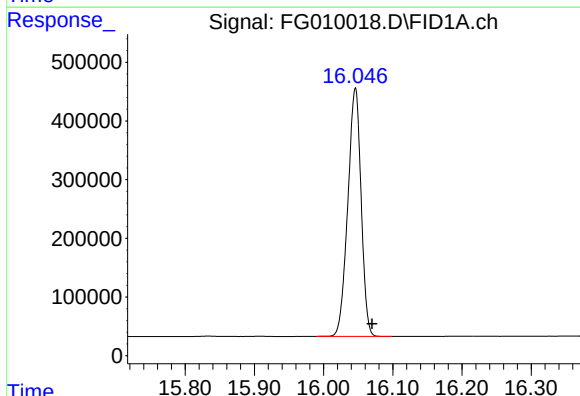
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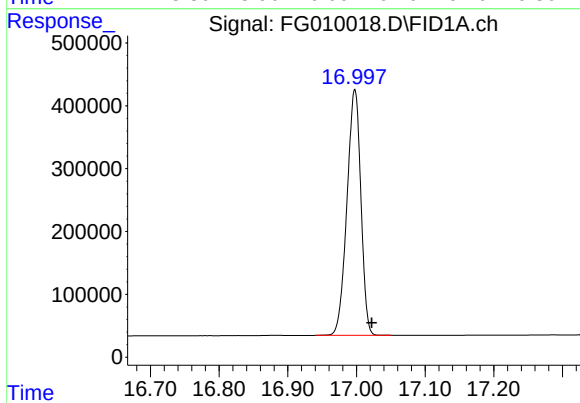
#10 N-TETRACOSANE

R.T.: 15.024 min
Delta R.T.: -0.023 min
Response: 5828739
Conc: 49.73 ug/ml



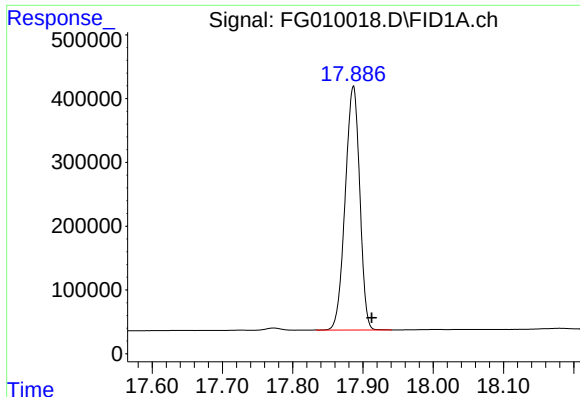
#11 N-HEXACOSANE

R.T.: 16.046 min
Delta R.T.: -0.024 min
Response: 5640273
Conc: 49.72 ug/ml



#12 N-OCTACOSANE

R.T.: 16.998 min
Delta R.T.: -0.025 min
Response: 5502112
Conc: 48.08 ug/ml



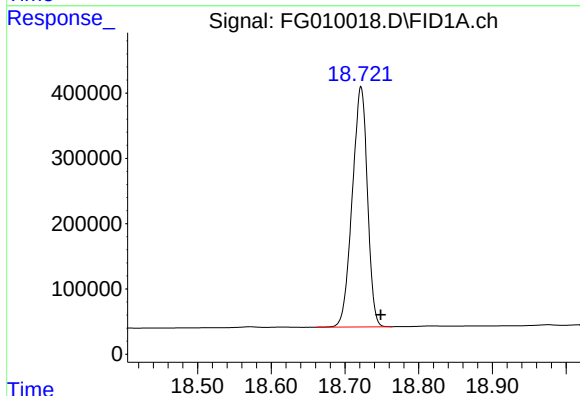
#13 N-TRIACONTANE

R.T.: 17.886 min
Delta R.T.: -0.026 min
Response: 5484600
Conc: 50.93 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

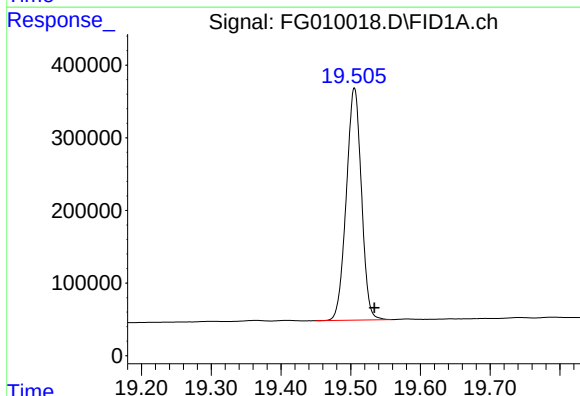
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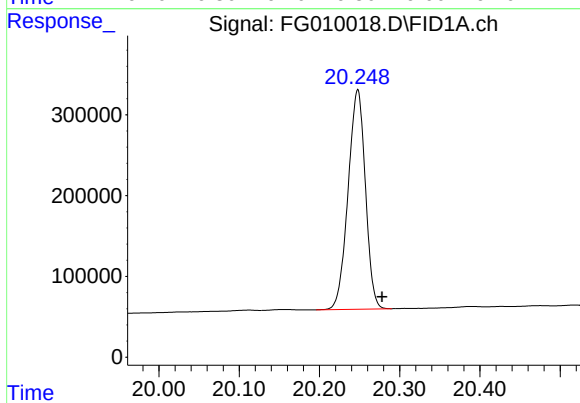
#14 N-DOTRIACONTANE

R.T.: 18.722 min
Delta R.T.: -0.027 min
Response: 5257719
Conc: 49.95 ug/ml



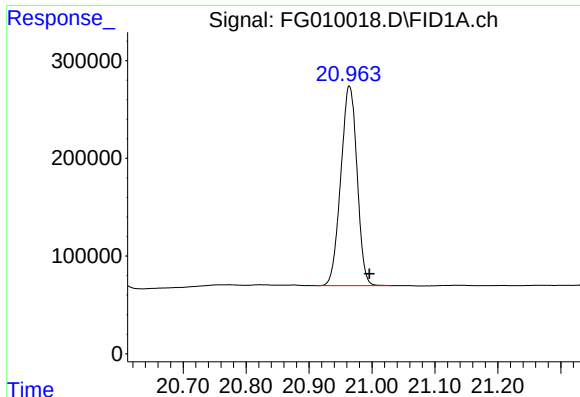
#15 N-TETRATRIACONTANE

R.T.: 19.505 min
Delta R.T.: -0.029 min
Response: 4812909
Conc: 50.13 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.248 min
Delta R.T.: -0.030 min
Response: 4066538
Conc: 50.32 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.964 min
Delta R.T.: -0.032 min
Response: 3665104
Conc: 51.04 ug/ml

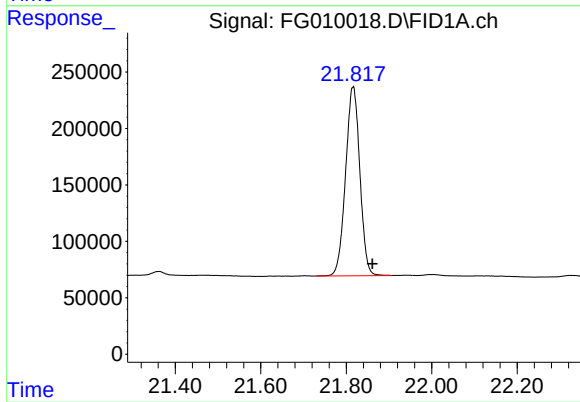
Instrument :

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#18 N-TETRACONTANE

R.T.: 21.816 min
Delta R.T.: -0.045 min
Response: 3881803
Conc: 55.28 ug/ml