

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061722\
 Data File : FG009910.D
 Signal(s) : FID1A.ch
 Acq On : 17 Jun 2022 21:43
 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 06/20/2022
 Supervised By :Ankita Jodhani 06/20/2022

Integration File: Sample.e
 Quant Time: Jun 17 23:50:55 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...	14.839	5269213	50.061 ug/ml
Target Compounds			
1) N-OCTANE	1.851	6071704	48.454 ug/ml
2) N-DECANE	4.357	6337576	50.183 ug/ml
3) N-DODECANE	6.535	6228327	49.370 ug/ml
4) N-TETRADECANE	8.366	6176462	48.610 ug/ml
5) N-HEXADECANE	9.975	6125825	48.568 ug/ml
6) N-OCTADECANE	11.422	6129215	48.562 ug/ml
7) N-EICOSANE	12.734	5994426	49.013 ug/ml
8) N-DOCOSANE	13.935	5941903	49.277 ug/ml
10) N-TETRACOSANE	15.042	5879314	50.164 ug/ml
11) N-HEXACOSANE	16.064	5878648	51.818 ug/ml
12) N-OCTACOSANE	17.019	5961797	52.099 ug/ml
13) N-TRIACONTANE	17.909	6233540	57.890 ug/ml
14) N-DOTRIACONTANE	18.744	6347194	60.301 ug/ml
15) N-TETRATRIACONTANE	19.529	6205341	64.628 ug/ml
16) N-HEXATRIACONTANE	20.271	5613891	69.464 ug/mlm
17) N-OCTATRIACONTANE	20.991	4929973	68.648 ug/ml
18) N-TETRACONTANE	21.848	4833542	68.832 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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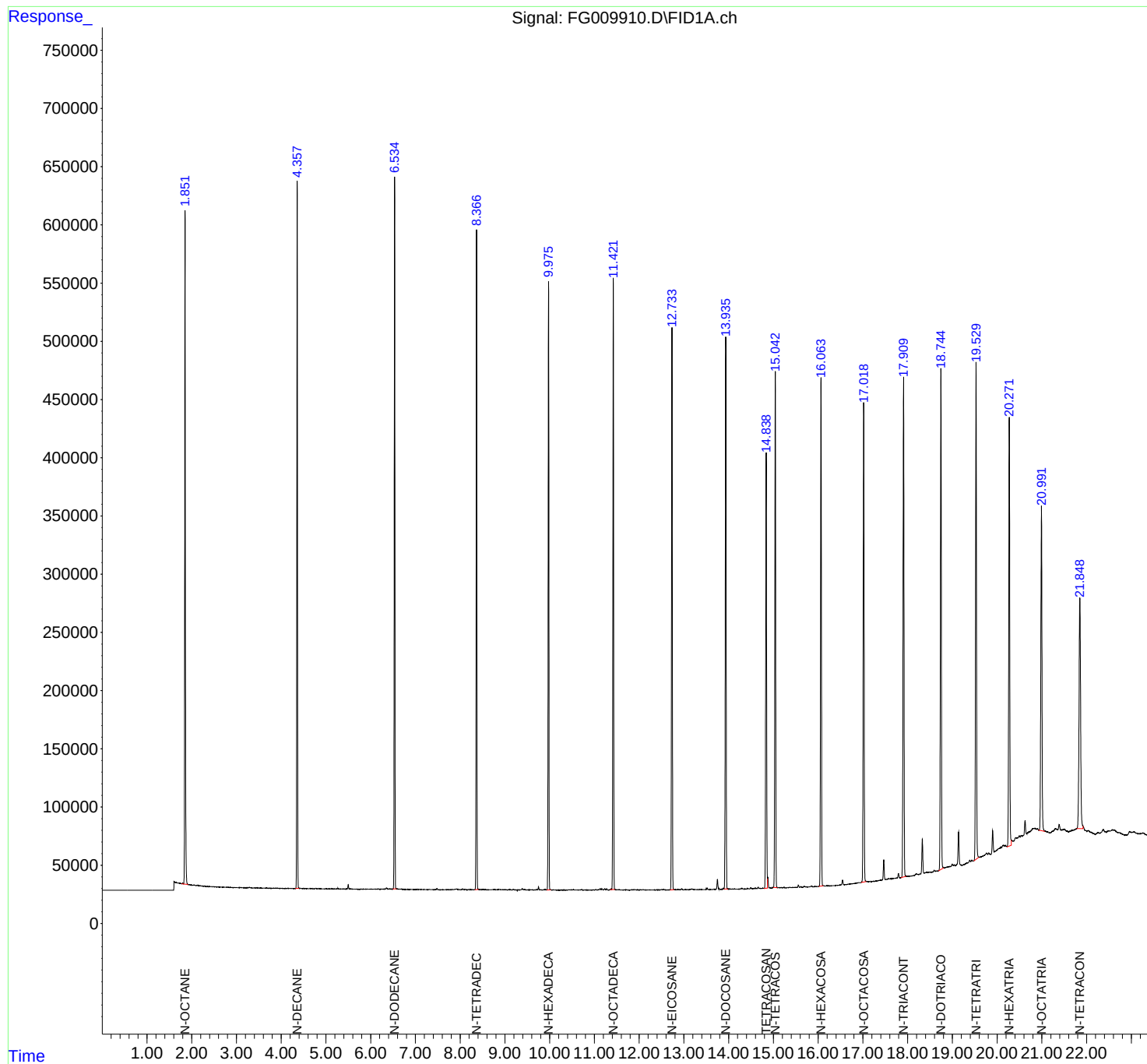
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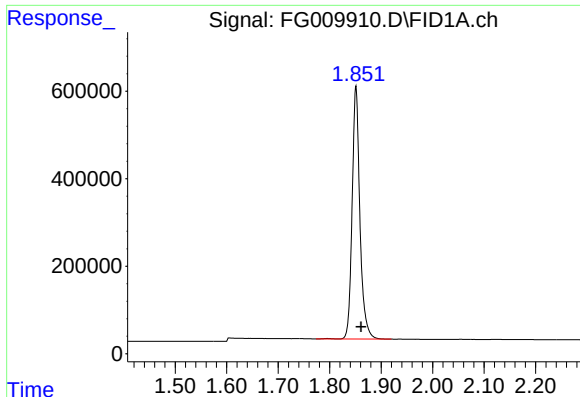
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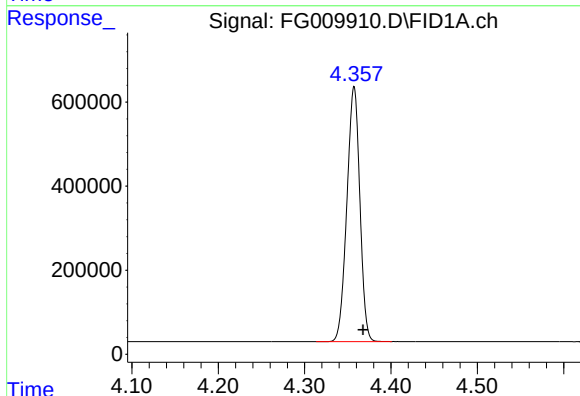
#1 N-OCTANE

R.T.: 1.851 min
Delta R.T.: -0.010 min
Response: 6071704
Conc: 48.45 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

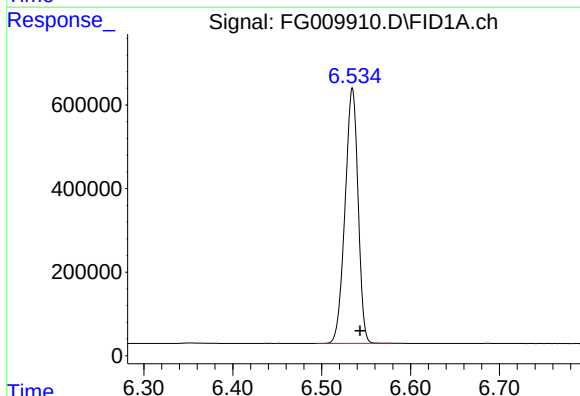
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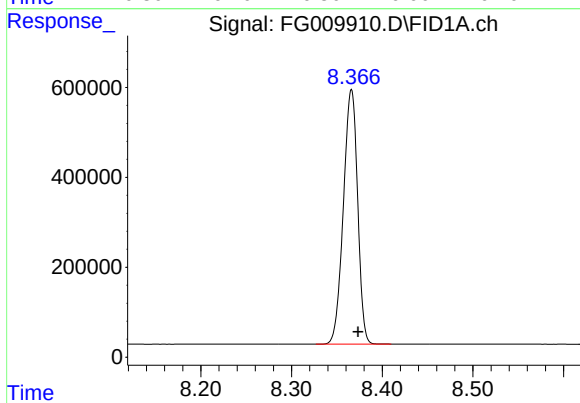
#2 N-DECANE

R.T.: 4.357 min
Delta R.T.: -0.010 min
Response: 6337576
Conc: 50.18 ug/ml



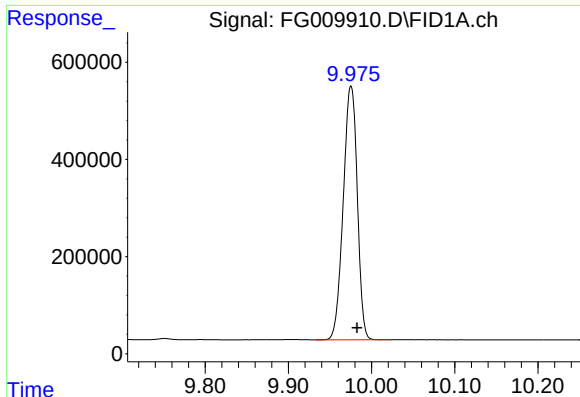
#3 N-DODECANE

R.T.: 6.535 min
Delta R.T.: -0.009 min
Response: 6228327
Conc: 49.37 ug/ml



#4 N-TETRADECANE

R.T.: 8.366 min
Delta R.T.: -0.007 min
Response: 6176462
Conc: 48.61 ug/ml



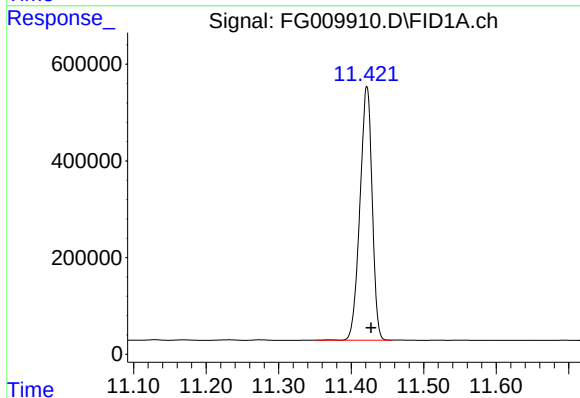
#5 N-HEXADECANE

R.T.: 9.975 min
Delta R.T.: -0.007 min
Response: 6125825
Conc: 48.57 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

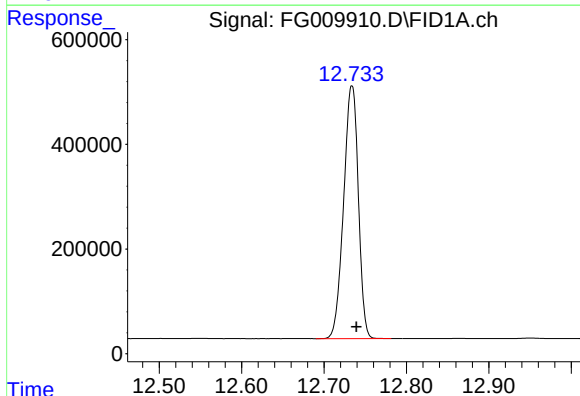
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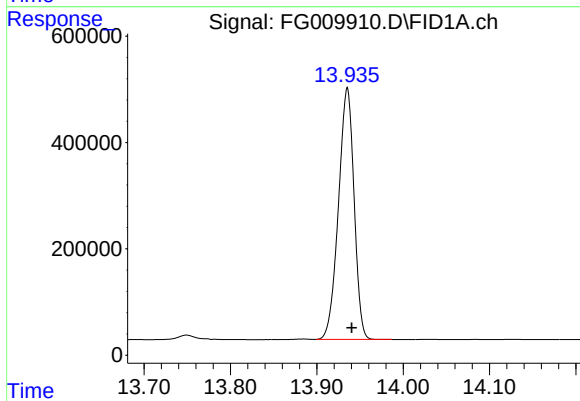
#6 N-OCTADECANE

R.T.: 11.422 min
Delta R.T.: -0.006 min
Response: 6129215
Conc: 48.56 ug/ml



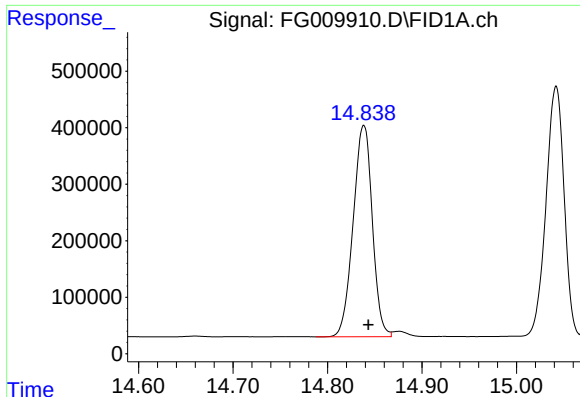
#7 N-EICOSANE

R.T.: 12.734 min
Delta R.T.: -0.005 min
Response: 5994426
Conc: 49.01 ug/ml



#8 N-DOCOSANE

R.T.: 13.935 min
Delta R.T.: -0.005 min
Response: 5941903
Conc: 49.28 ug/ml



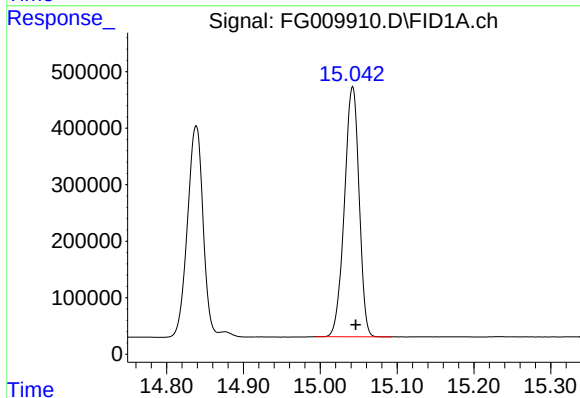
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.839 min
Delta R.T.: -0.005 min
Response: 5269213
Conc: 50.06 ug/ml

Instrument :
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50 PPM TRPH STD

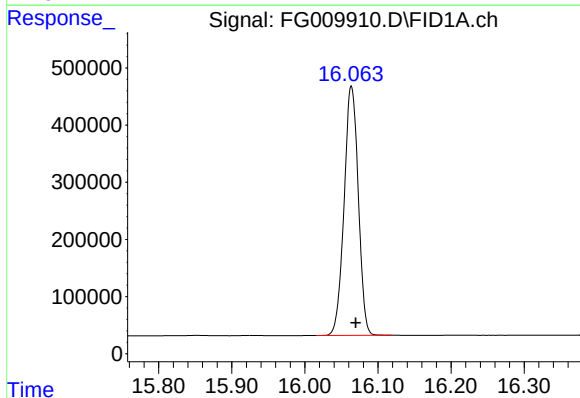
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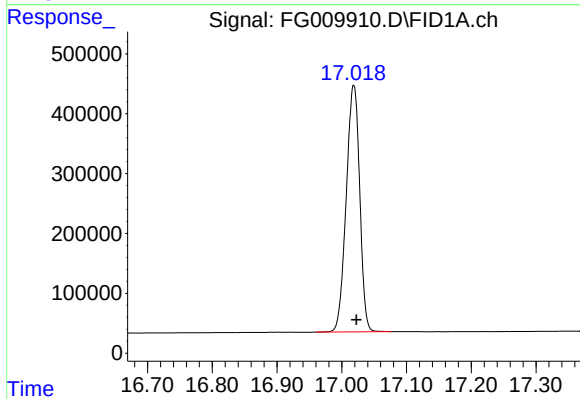
#10 N-TETRACOSANE

R.T.: 15.042 min
Delta R.T.: -0.004 min
Response: 5879314
Conc: 50.16 ug/ml



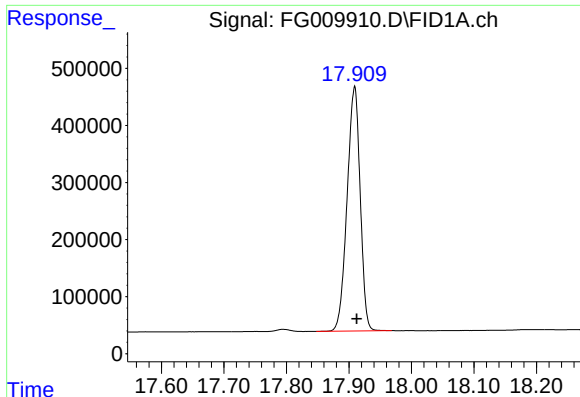
#11 N-HEXACOSANE

R.T.: 16.064 min
Delta R.T.: -0.006 min
Response: 5878648
Conc: 51.82 ug/ml



#12 N-OCTACOSANE

R.T.: 17.019 min
Delta R.T.: -0.004 min
Response: 5961797
Conc: 52.10 ug/ml



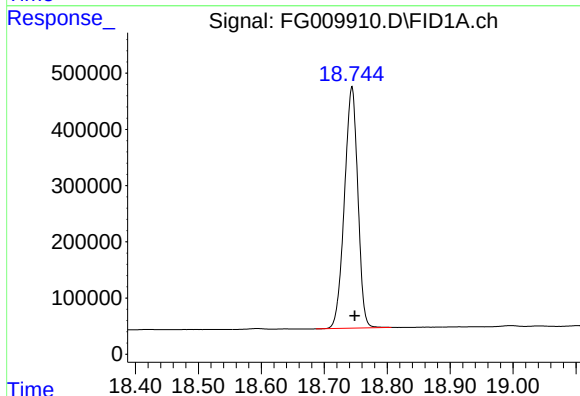
#13 N-TRIACONTANE

R.T.: 17.909 min
Delta R.T.: -0.003 min
Response: 6233540
Conc: 57.89 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

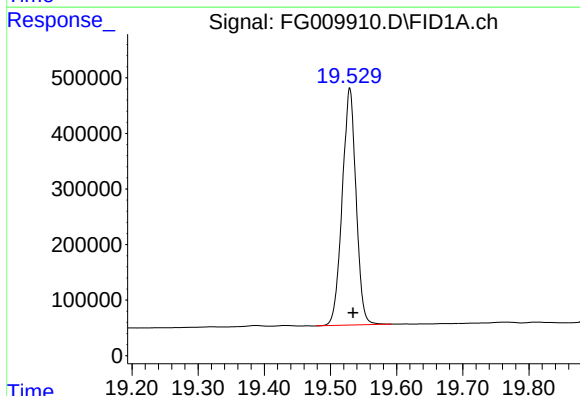
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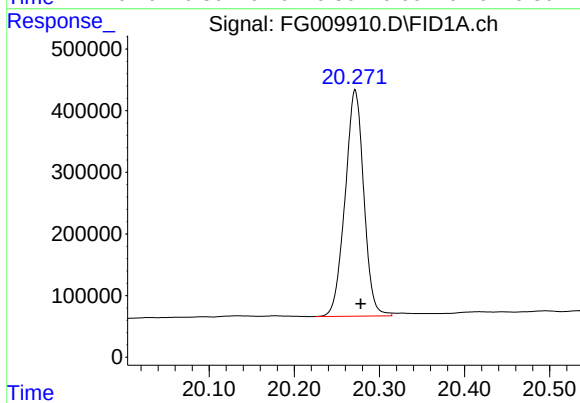
#14 N-DOTRIACONTANE

R.T.: 18.744 min
Delta R.T.: -0.004 min
Response: 6347194
Conc: 60.30 ug/ml



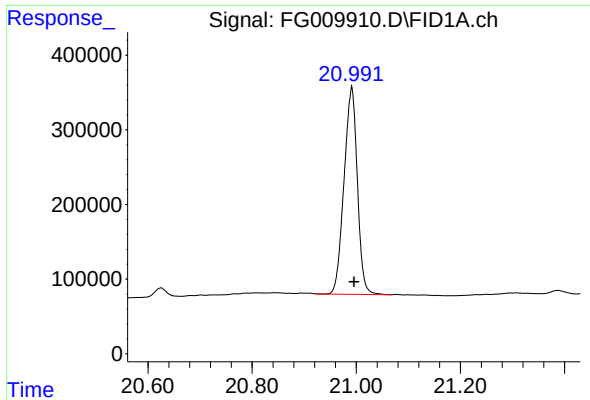
#15 N-TETRATRIACONTANE

R.T.: 19.529 min
Delta R.T.: -0.005 min
Response: 6205341
Conc: 64.63 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.271 min
Delta R.T.: -0.007 min
Response: 5613891
Conc: 69.46 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.991 min
Delta R.T.: -0.005 min
Response: 4929973
Conc: 68.65 ug/ml

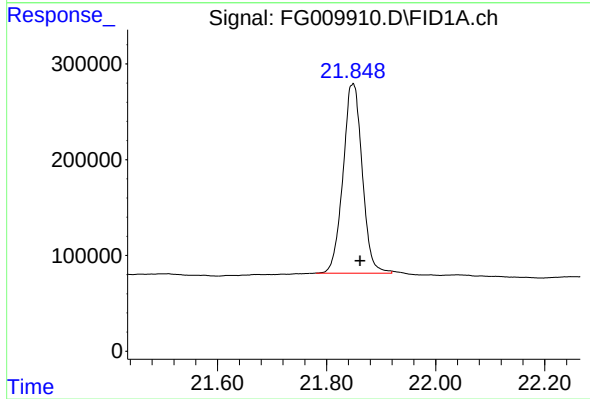
Instrument :

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#18 N-TETRACONTANE

R.T.: 21.848 min
Delta R.T.: -0.013 min
Response: 4833542
Conc: 68.83 ug/ml m