

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071522\
 Data File : FG010151.D
 Signal(s) : FID1A.ch
 Acq On : 15 Jul 2022 20:26
 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 :Ankita Jodhani 07/18/2022
 Supervised By :mohammad ahmed 07/18/2022

Integration File: Sample.e
 Quant Time: Jul 15 23:07:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG062922.M
 Quant Title :
 QLast Update : Thu Jun 30 04:15:08 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...	14.815	5671555	47.698 ug/ml
Target Compounds			
1) N-OCTANE	1.830	5846313	47.023 ug/ml
2) N-DECANE	4.339	6255009	49.203 ug/ml
3) N-DODECANE	6.518	6373858	49.312 ug/ml
4) N-TETRADECANE	8.349	6477003	49.121 ug/ml
5) N-HEXADECANE	9.957	6500146	48.734 ug/ml
6) N-OCTADECANE	11.402	6565599	48.556 ug/ml
7) N-EICOSANE	12.714	6462817	48.247 ug/ml
8) N-DOCOSANE	13.914	6404160	47.864 ug/ml
10) N-TETRACOSANE	15.019	6322139	47.700 ug/ml
11) N-HEXACOSANE	16.040	6207981	47.346 ug/ml
12) N-OCTACOSANE	16.993	6100815	47.501 ug/ml
13) N-TRIACONTANE	17.882	6053713	48.112 ug/ml
14) N-DOTRIACONTANE	18.714	5784329	48.897 ug/mlm
15) N-TETRATRIACONTANE	19.500	5325896	50.119 ug/ml
16) N-HEXATRIACONTANE	20.240	4579094	51.430 ug/ml
17) N-OCTATRIACONTANE	20.954	4204001	53.984 ug/mlm
18) N-TETRACONTANE	21.804	4562569	58.226 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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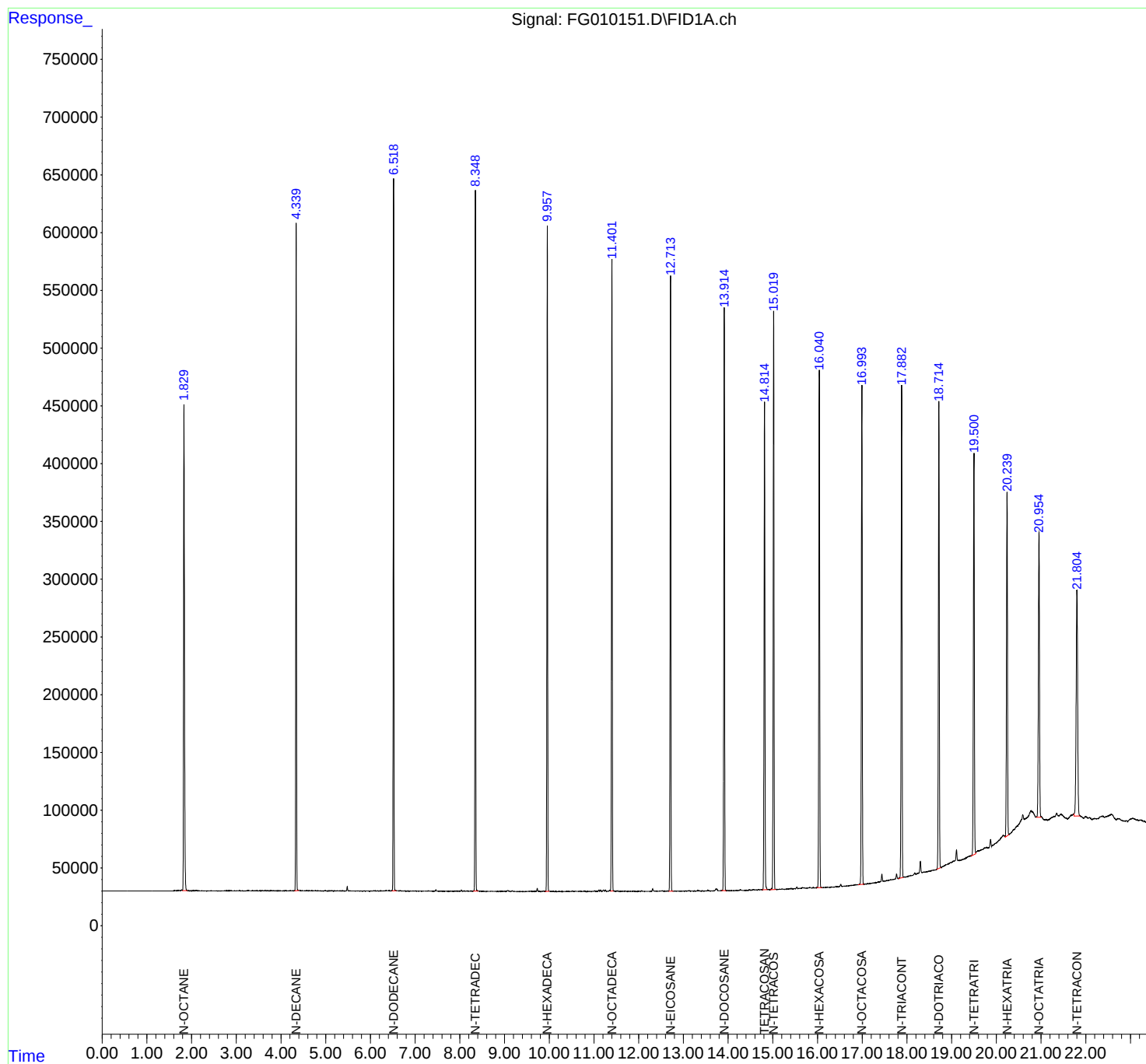
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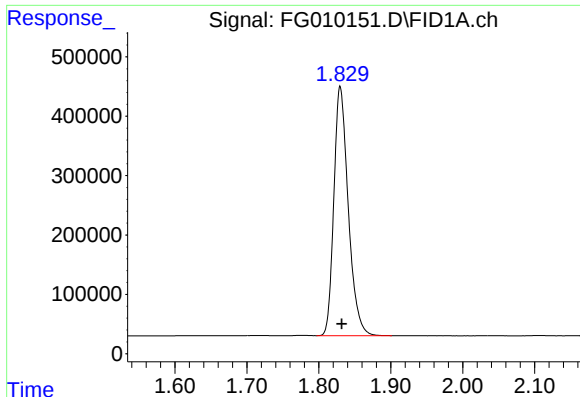
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#1 N-OCTANE

R.T.: 1.830 min
Delta R.T.: -0.002 min
Response: 5846313
Conc: 47.02 ug/ml

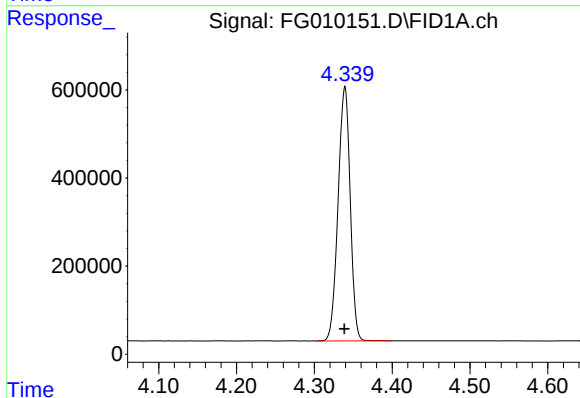
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

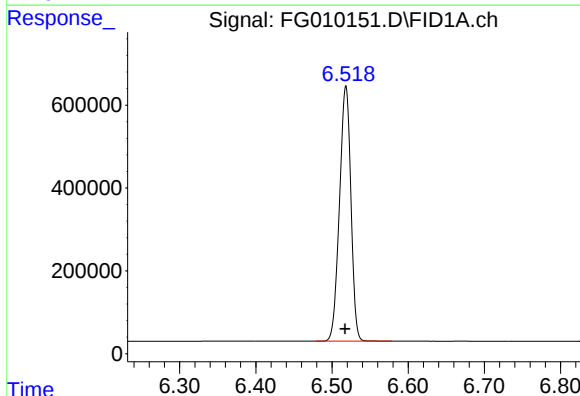
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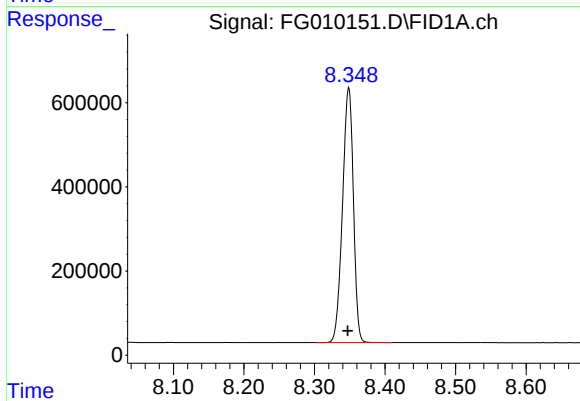
#2 N-DECANE

R.T.: 4.339 min
Delta R.T.: 0.000 min
Response: 6255009
Conc: 49.20 ug/ml



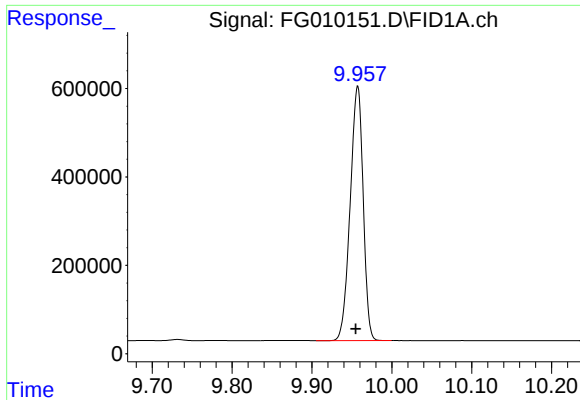
#3 N-DODECANE

R.T.: 6.518 min
Delta R.T.: 0.001 min
Response: 6373858
Conc: 49.31 ug/ml



#4 N-TETRADECANE

R.T.: 8.349 min
Delta R.T.: 0.002 min
Response: 6477003
Conc: 49.12 ug/ml



#5 N-HEXADECANE

R.T.: 9.957 min
Delta R.T.: 0.003 min
Response: 6500146
Conc: 48.73 ug/ml

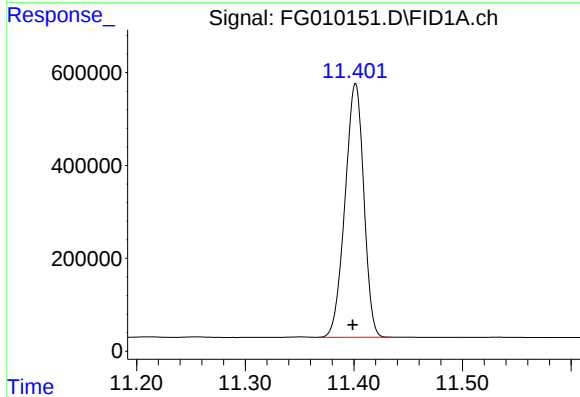
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

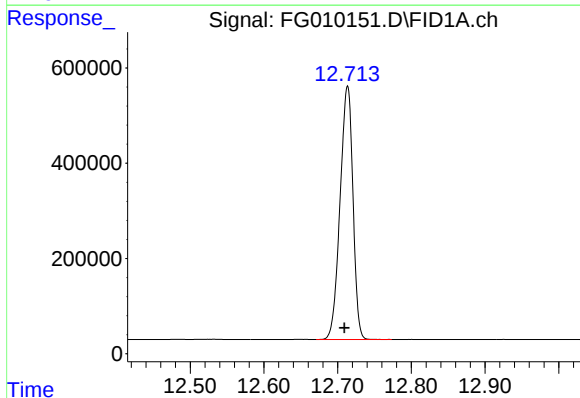
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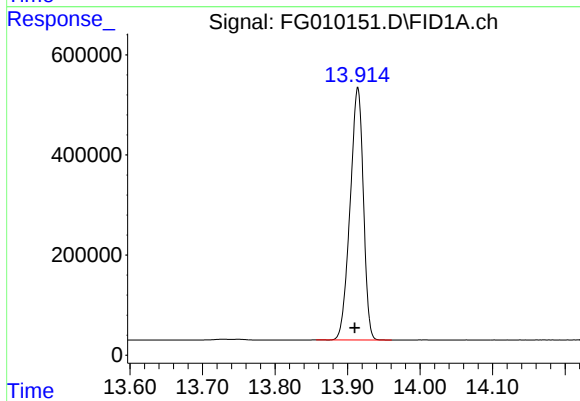
#6 N-OCTADECANE

R.T.: 11.402 min
Delta R.T.: 0.003 min
Response: 6565599
Conc: 48.56 ug/ml



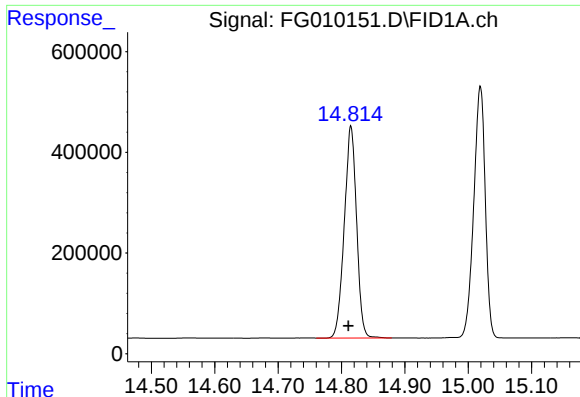
#7 N-EICOSANE

R.T.: 12.714 min
Delta R.T.: 0.004 min
Response: 6462817
Conc: 48.25 ug/ml



#8 N-DOCOSANE

R.T.: 13.914 min
Delta R.T.: 0.004 min
Response: 6404160
Conc: 47.86 ug/ml



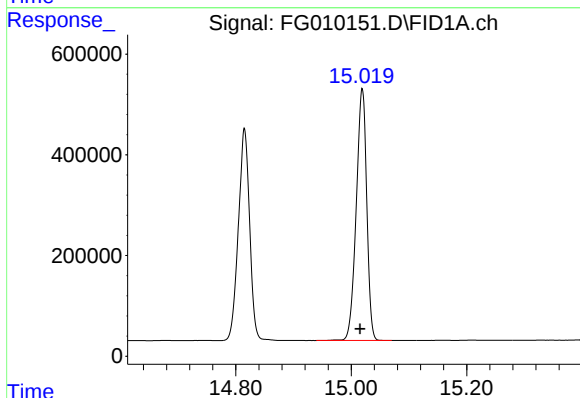
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.815 min
Delta R.T.: 0.004 min
Response: 5671555
Conc: 47.70 ug/ml

Instrument :
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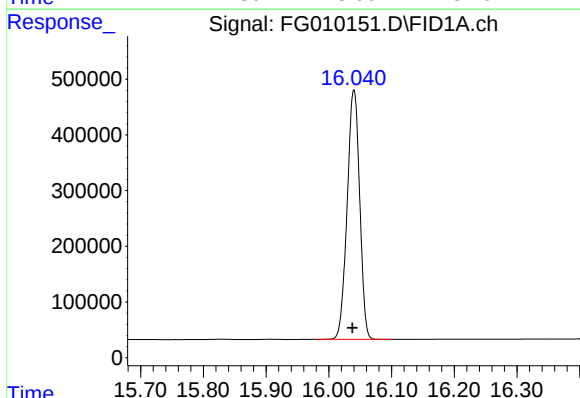
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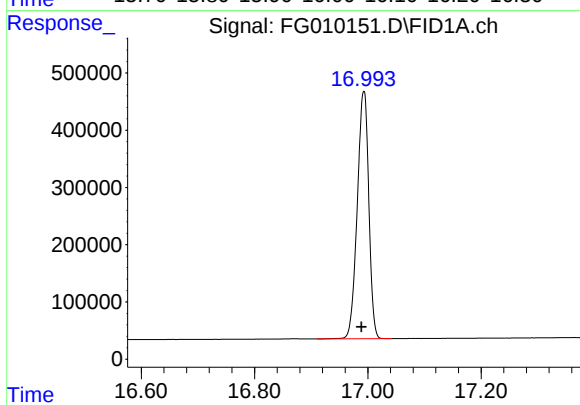
#10 N-TETRACOSANE

R.T.: 15.019 min
Delta R.T.: 0.004 min
Response: 6322139
Conc: 47.70 ug/ml



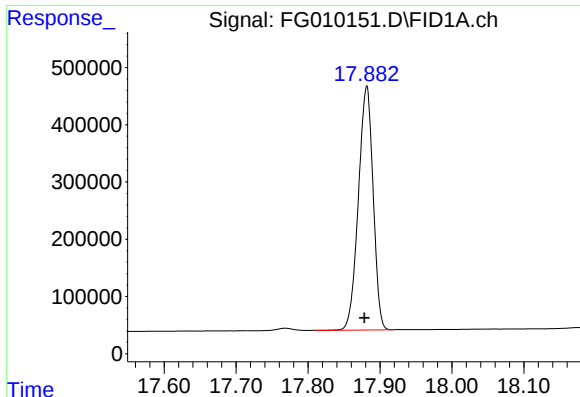
#11 N-HEXACOSANE

R.T.: 16.040 min
Delta R.T.: 0.003 min
Response: 6207981
Conc: 47.35 ug/ml



#12 N-OCTACOSANE

R.T.: 16.993 min
Delta R.T.: 0.004 min
Response: 6100815
Conc: 47.50 ug/ml



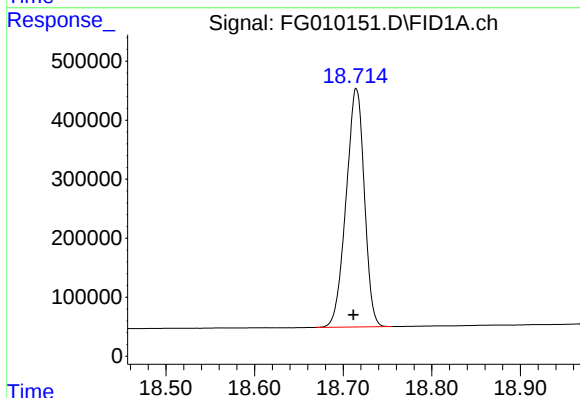
#13 N-TRIACONTANE

R.T.: 17.882 min
Delta R.T.: 0.003 min
Response: 6053713
Conc: 48.11 ug/ml

Instrument :
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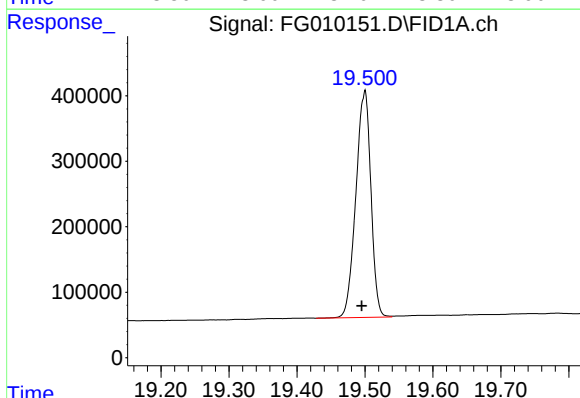
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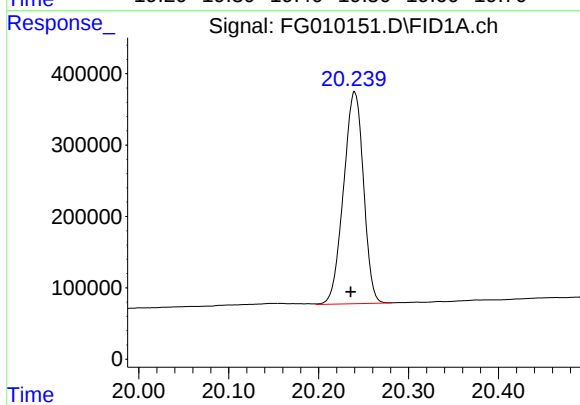
#14 N-DOTRIACONTANE

R.T.: 18.714 min
Delta R.T.: 0.003 min
Response: 5784329
Conc: 48.90 ug/ml m



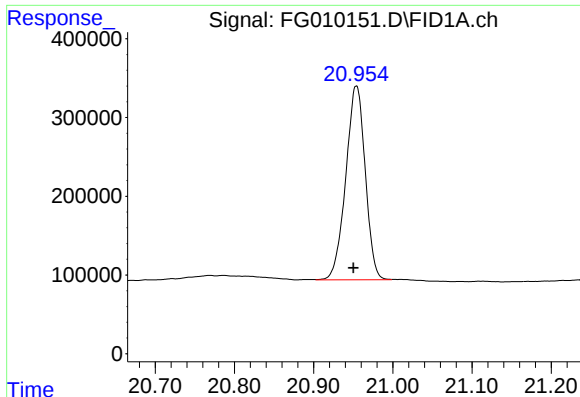
#15 N-TETRATRIACONTANE

R.T.: 19.500 min
Delta R.T.: 0.004 min
Response: 5325896
Conc: 50.12 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.240 min
Delta R.T.: 0.004 min
Response: 4579094
Conc: 51.43 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.954 min
Delta R.T.: 0.004 min
Response: 4204001
Conc: 53.98 ug/ml

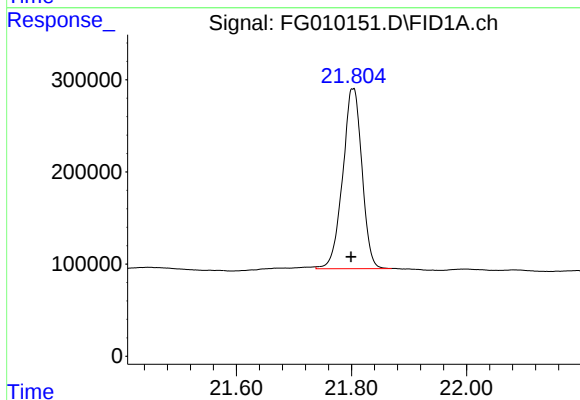
Instrument :

FID_G

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#18 N-TETRACONTANE

R.T.: 21.804 min
Delta R.T.: 0.005 min
Response: 4562569
Conc: 58.23 ug/ml m