

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG101922\
 Data File : FG010946.D
 Signal(s) : FID1A.ch
 Acq On : 19 Oct 2022 12:03
 Operator : YP\AJ
 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 10/20/2022
 Supervised By :Ankita Jodhani 10/20/2022

Integration File: Sample.e
 Quant Time: Oct 19 15:58:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG092822.M
 Quant Title :
 QLast Update : Thu Sep 29 02:21:49 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...	14.744	5477565	45.150 ug/ml
Target Compounds			
1) N-OCTANE	1.764	6027399	47.277 ug/ml
2) N-DECANE	4.260	6346497	48.768 ug/ml
3) N-DODECANE	6.444	6422410	48.427 ug/ml
4) N-TETRADECANE	8.277	6400799	47.735 ug/ml
5) N-HEXADECANE	9.885	6503887	46.906 ug/ml
6) N-OCTADECANE	11.330	6570803	46.622 ug/ml
7) N-EICOSANE	12.641	6509467	46.033 ug/ml
8) N-DOCOSANE	13.842	6293729	45.465 ug/ml
10) N-TETRACOSANE	14.948	6176156	44.829 ug/ml
11) N-HEXACOSANE	15.971	5984147	44.356 ug/ml
12) N-OCTACOSANE	16.923	5807827	44.289 ug/ml
13) N-TRIACONTANE	17.812	5745942	44.640 ug/ml
14) N-DOTRIACONTANE	18.648	5796743	45.617 ug/ml
15) N-TETRATRIACONTANE	19.433	6000756	47.802 ug/mlm
16) N-HEXATRIACONTANE	20.175	6033876	50.107 ug/ml
17) N-OCTATRIACONTANE	20.885	6306977	51.315 ug/ml
18) N-TETRACONTANE	21.715	7026463	55.932 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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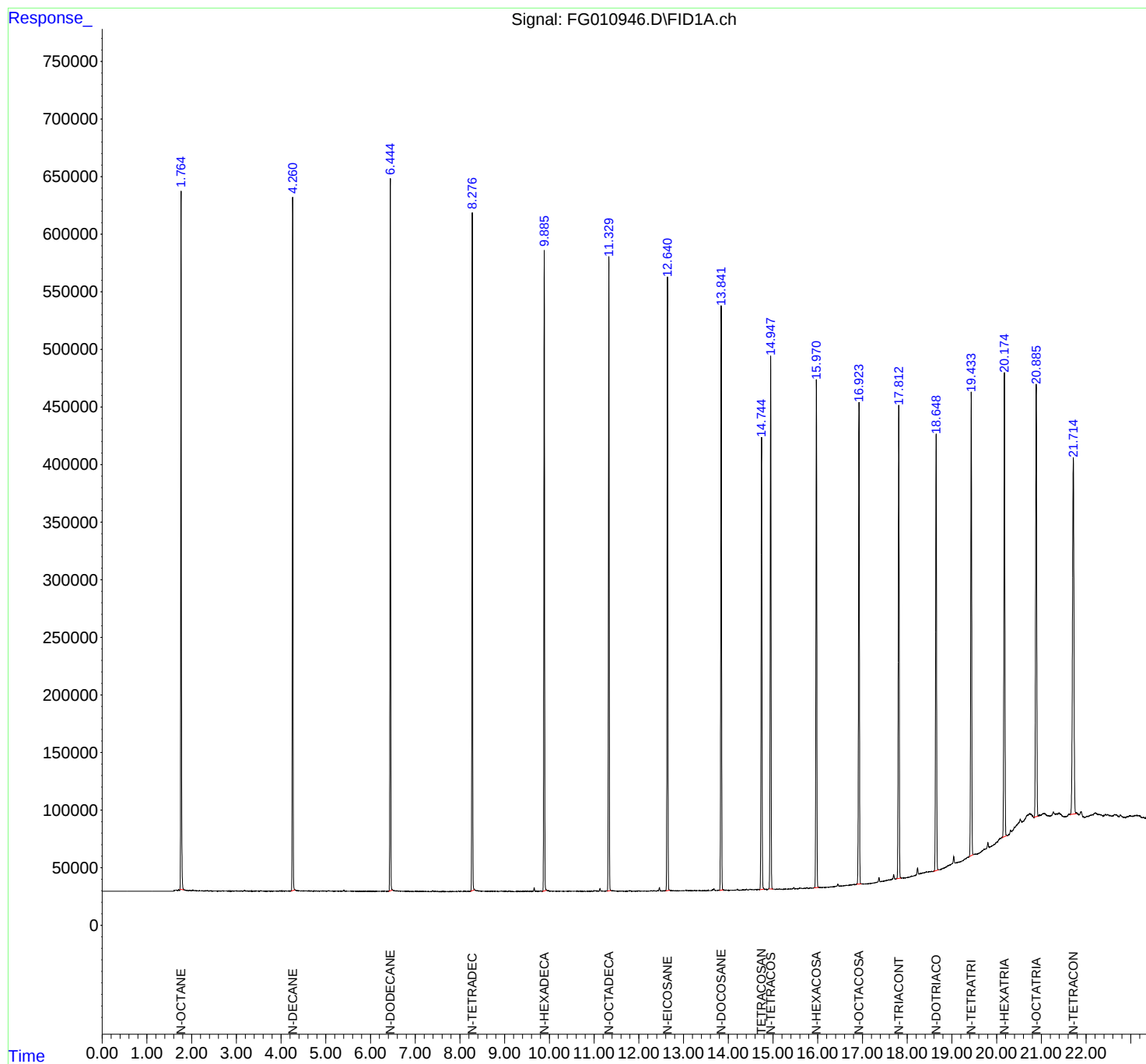
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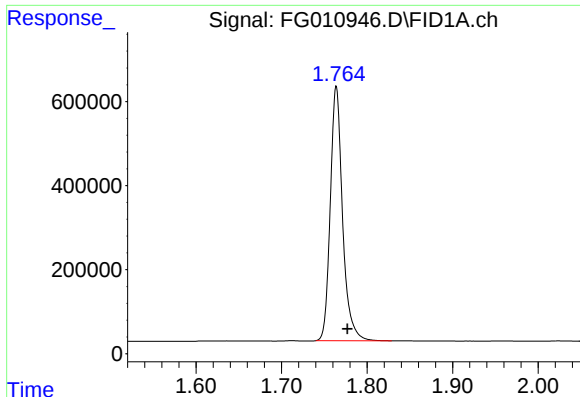
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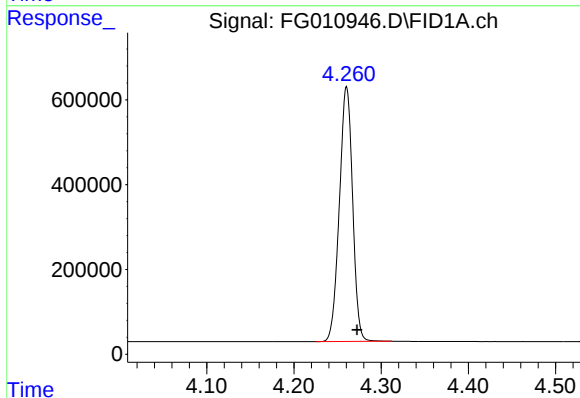
#1 N-OCTANE

R.T.: 1.764 min
Delta R.T.: -0.013 min
Response: 6027399
Conc: 47.28 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

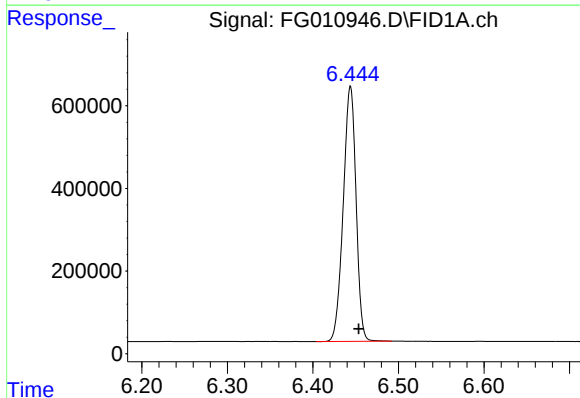
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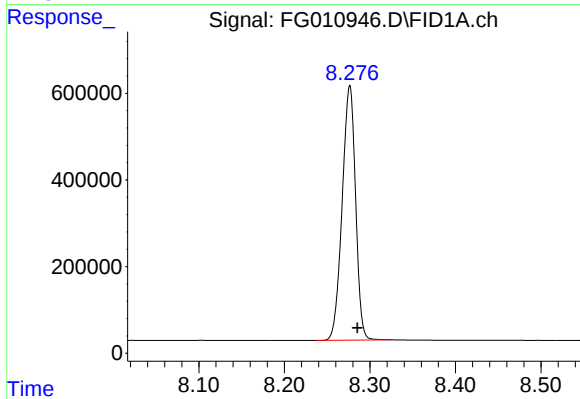
#2 N-DECANE

R.T.: 4.260 min
Delta R.T.: -0.012 min
Response: 6346497
Conc: 48.77 ug/ml



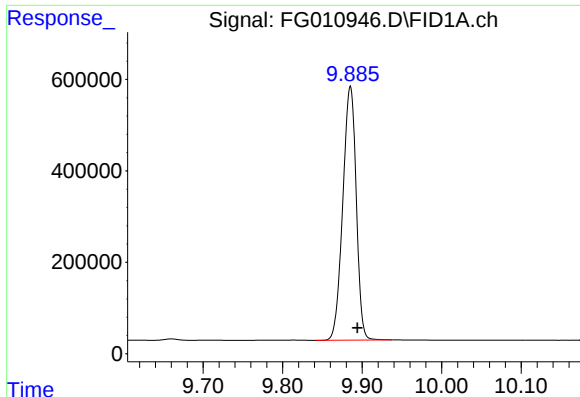
#3 N-DODECANE

R.T.: 6.444 min
Delta R.T.: -0.010 min
Response: 6422410
Conc: 48.43 ug/ml



#4 N-TETRADECANE

R.T.: 8.277 min
Delta R.T.: -0.009 min
Response: 6400799
Conc: 47.73 ug/ml



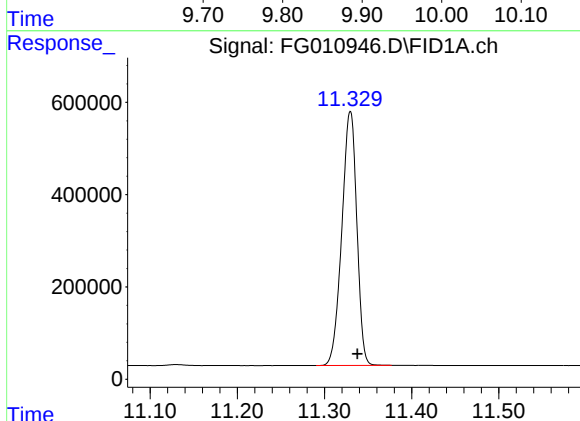
#5 N-HEXADECANE

R.T.: 9.885 min
Delta R.T.: -0.009 min
Response: 6503887
Conc: 46.91 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

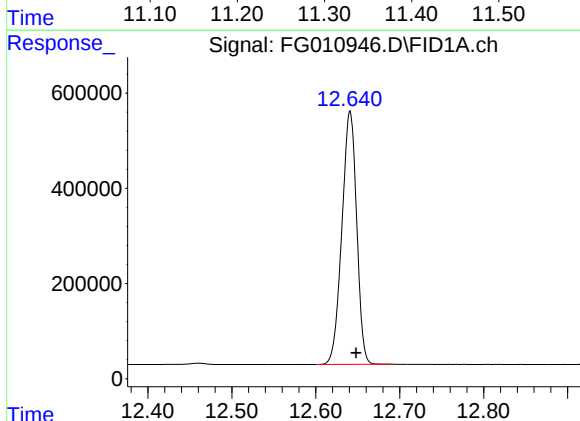
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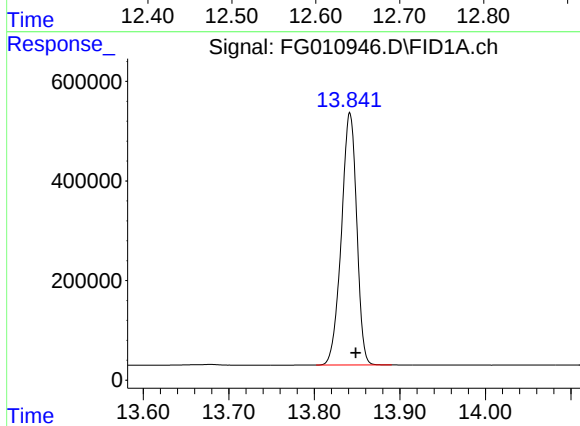
#6 N-OCTADECANE

R.T.: 11.330 min
Delta R.T.: -0.008 min
Response: 6570803
Conc: 46.62 ug/ml



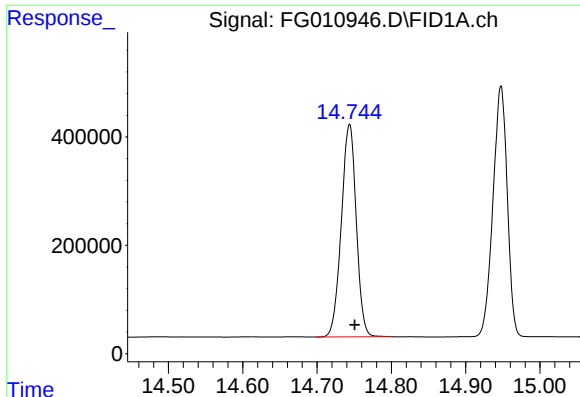
#7 N-EICOSANE

R.T.: 12.641 min
Delta R.T.: -0.007 min
Response: 6509467
Conc: 46.03 ug/ml



#8 N-DOCOSANE

R.T.: 13.842 min
Delta R.T.: -0.007 min
Response: 6293729
Conc: 45.46 ug/ml



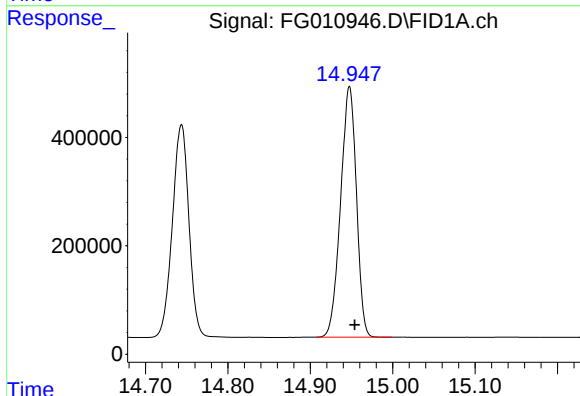
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.744 min
Delta R.T.: -0.007 min
Response: 5477565
Conc: 45.15 ug/ml

Instrument :
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50 PPM TRPH STD

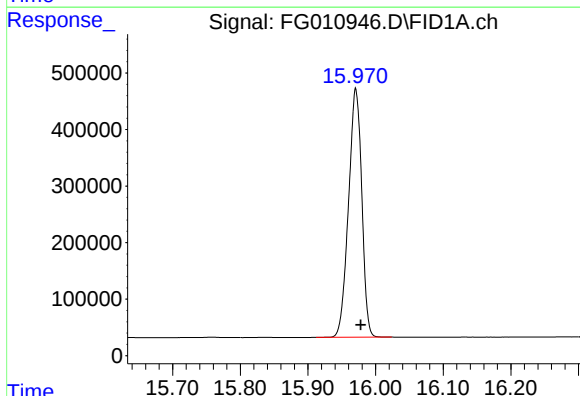
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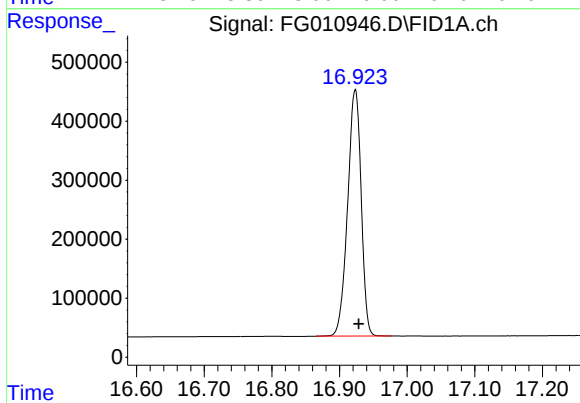
#10 N-TETRACOSANE

R.T.: 14.948 min
Delta R.T.: -0.006 min
Response: 6176156
Conc: 44.83 ug/ml



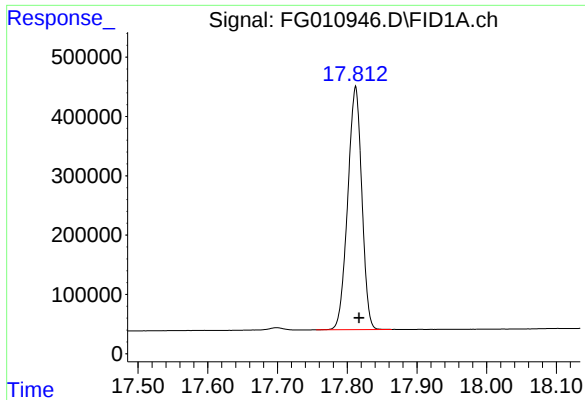
#11 N-HEXACOSANE

R.T.: 15.971 min
Delta R.T.: -0.007 min
Response: 5984147
Conc: 44.36 ug/ml



#12 N-OCTACOSANE

R.T.: 16.923 min
Delta R.T.: -0.005 min
Response: 5807827
Conc: 44.29 ug/ml



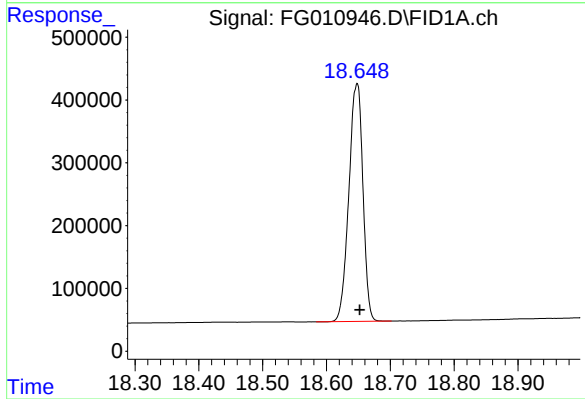
#13 N-TRIACONTANE

R.T.: 17.812 min
Delta R.T.: -0.005 min
Response: 5745942
Conc: 44.64 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

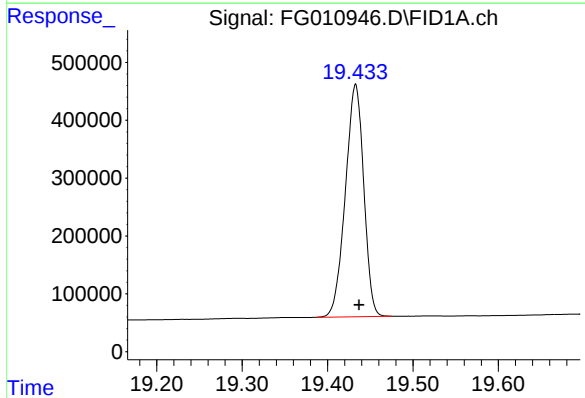
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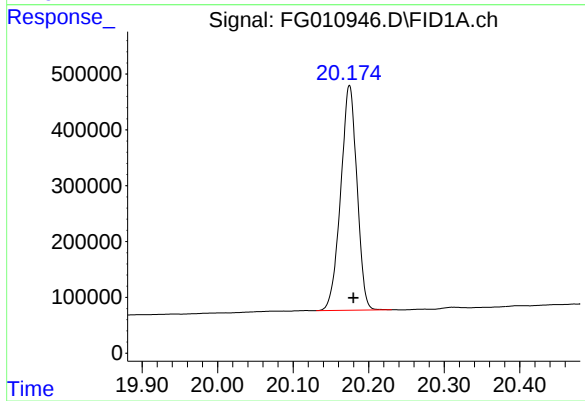
#14 N-DOTRIACONTANE

R.T.: 18.648 min
Delta R.T.: -0.004 min
Response: 5796743
Conc: 45.62 ug/ml



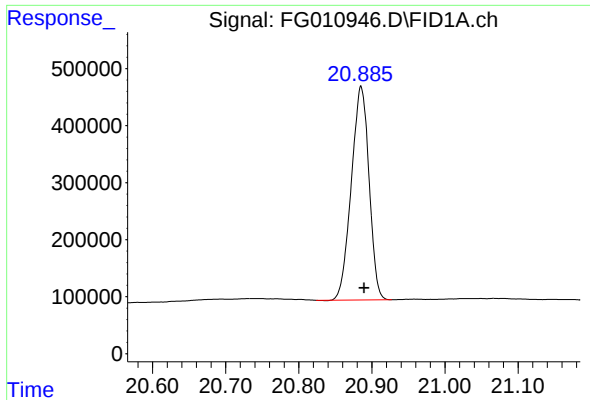
#15 N-TETRATRIACONTANE

R.T.: 19.433 min
Delta R.T.: -0.004 min
Response: 6000756
Conc: 47.80 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.175 min
Delta R.T.: -0.005 min
Response: 6033876
Conc: 50.11 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.885 min
Delta R.T.: -0.004 min
Response: 6306977
Conc: 51.32 ug/ml

Instrument :

FID_G

ClientSampleId :

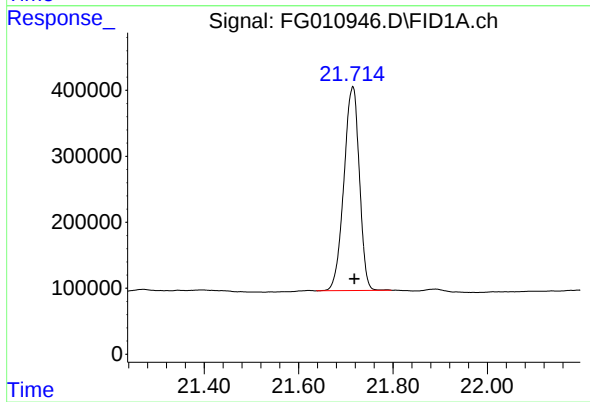
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#18 N-TETRACONTANE

R.T.: 21.715 min
Delta R.T.: -0.003 min
Response: 7026463
Conc: 55.93 ug/ml