

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120221\
 Data File : FG009129.D
 Signal(s) : FID1A.ch
 Acq On : 02 Dec 2021 11:01
 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 12/03/2021
 Supervised By :mohammad ahmed 12/06/2021

Integration File: autoint1.e
 Quant Time: Dec 03 00:00:03 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG112321.M
 Quant Title :
 QLast Update : Wed Nov 24 00:59:46 2021
 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...	14.761	5498224	47.145 ug/ml
Target Compounds			
1) N-OCTANE	2.334	7261266	49.608 ug/ml
2) N-DECANE	4.439	7418628	50.084 ug/ml
3) N-DODECANE	6.470	7408395	50.048 ug/ml
4) N-TETRADECANE	8.275	7302399	50.469 ug/ml
5) N-HEXADECANE	9.884	7088077	50.130 ug/ml
6) N-OCTADECANE	11.335	7047854	48.602 ug/ml
7) N-EICOSANE	12.652	6838063	47.798 ug/ml
8) N-DOCOSANE	13.857	6496333	47.347 ug/ml
10) N-TETRACOSANE	14.967	6224707	47.298 ug/ml
11) N-HEXACOSANE	15.993	5880495	47.998 ug/ml
12) N-OCTACOSANE	16.949	5647183	49.529 ug/ml
13) N-TRIACONTANE	17.841	5526931	51.091 ug/ml
14) N-DOTRIACONTANE	18.679	5434020	52.852 ug/ml
15) N-TETRATRIACONTANE	19.465	5379510	54.393 ug/mlm
16) N-HEXATRIACONTANE	20.210	5272133	56.099 ug/mlm
17) N-OCTATRIACONTANE	20.971	5046811	54.423 ug/ml
18) N-TETRACONTANE	21.925	5181361	52.649 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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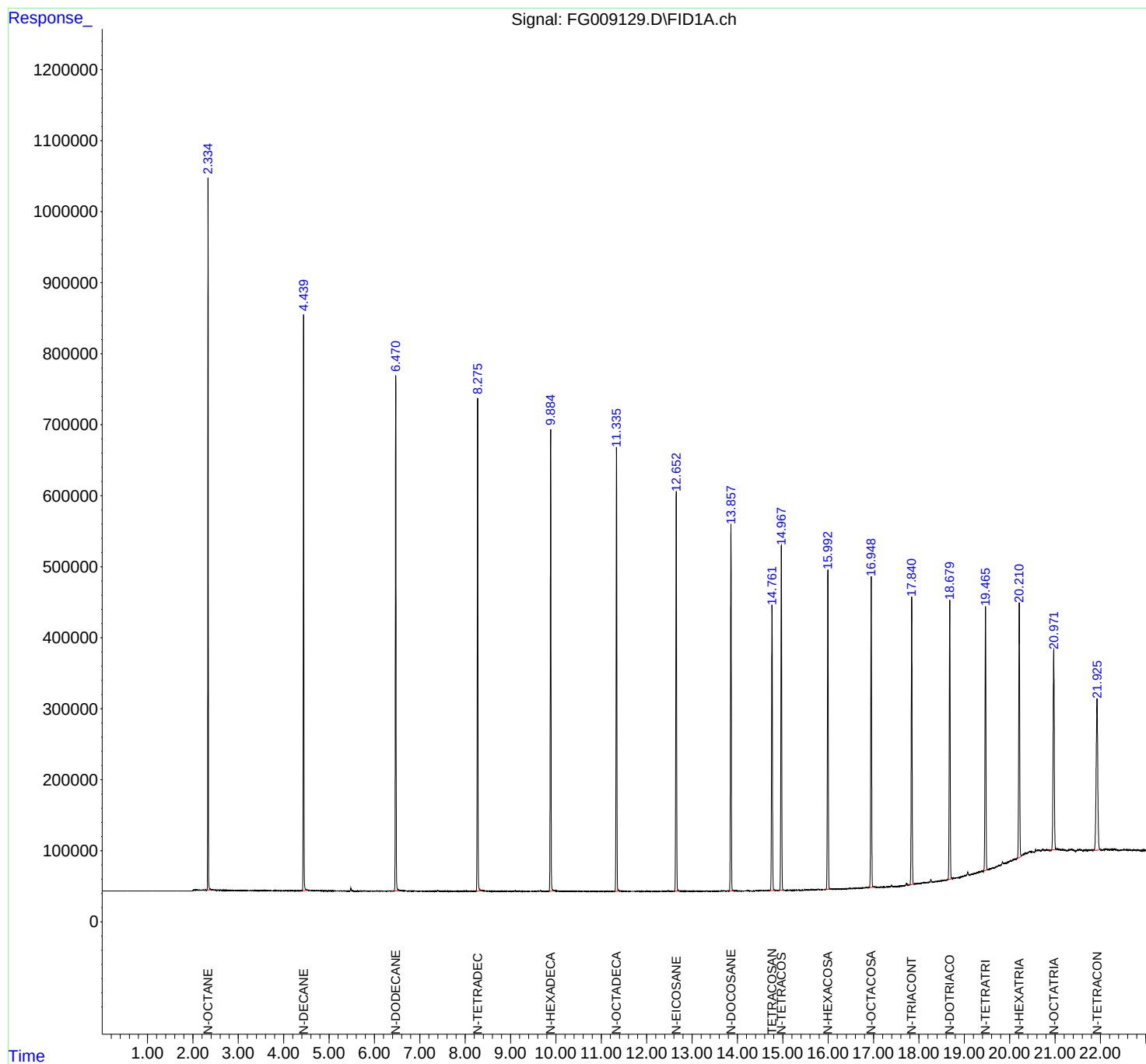
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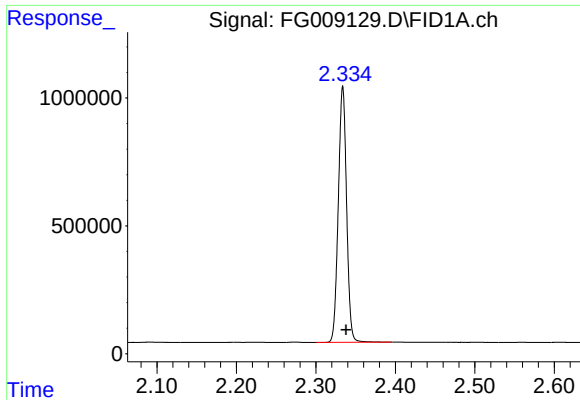
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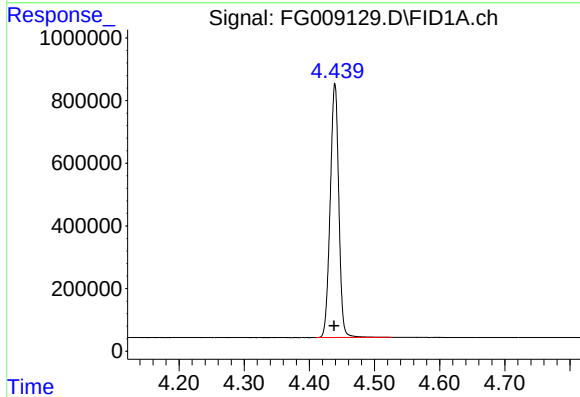
#1 N-OCTANE

R.T.: 2.334 min
Delta R.T.: -0.004 min
Response: 7261266
Conc: 49.61 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

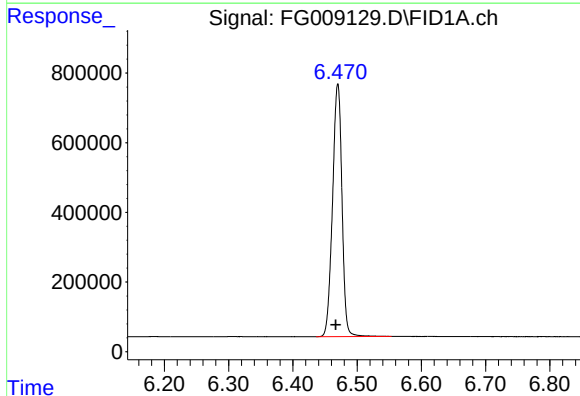
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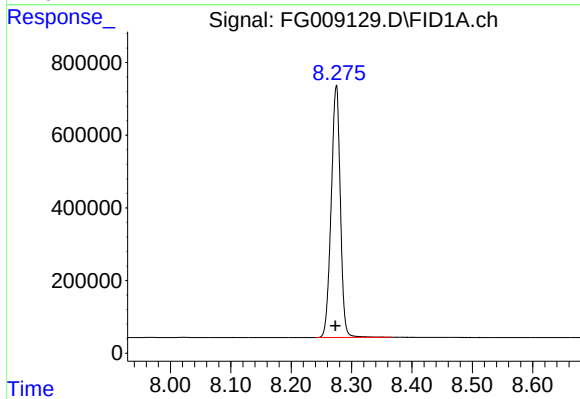
#2 N-DECANE

R.T.: 4.439 min
Delta R.T.: 0.001 min
Response: 7418628
Conc: 50.08 ug/ml



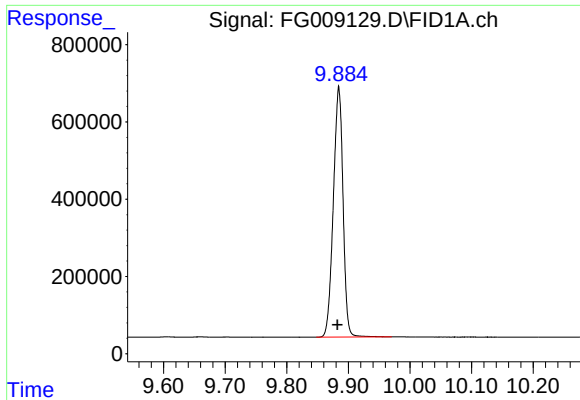
#3 N-DODECANE

R.T.: 6.470 min
Delta R.T.: 0.003 min
Response: 7408395
Conc: 50.05 ug/ml



#4 N-TETRADECANE

R.T.: 8.275 min
Delta R.T.: 0.002 min
Response: 7302399
Conc: 50.47 ug/ml



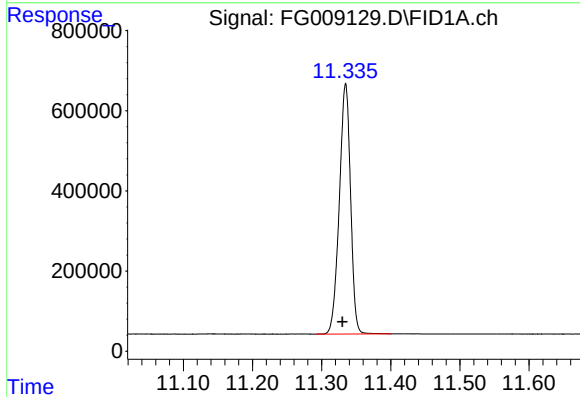
#5 N-HEXADECANE

R.T.: 9.884 min
Delta R.T.: 0.002 min
Response: 7088077
Conc: 50.13 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

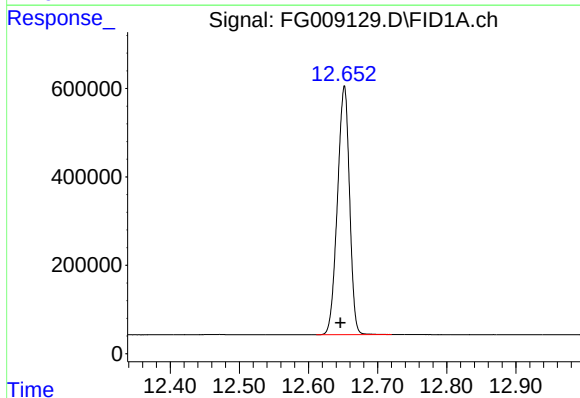
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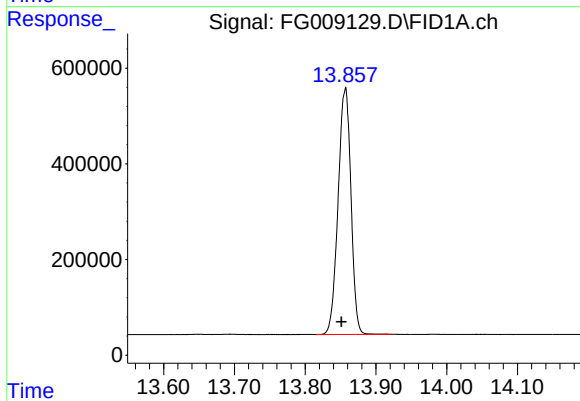
#6 N-OCTADECANE

R.T.: 11.335 min
Delta R.T.: 0.005 min
Response: 7047854
Conc: 48.60 ug/ml



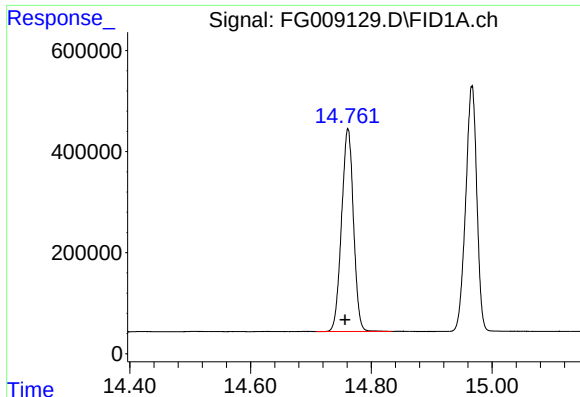
#7 N-EICOSANE

R.T.: 12.652 min
Delta R.T.: 0.006 min
Response: 6838063
Conc: 47.80 ug/ml



#8 N-DOCOSANE

R.T.: 13.857 min
Delta R.T.: 0.005 min
Response: 6496333
Conc: 47.35 ug/ml



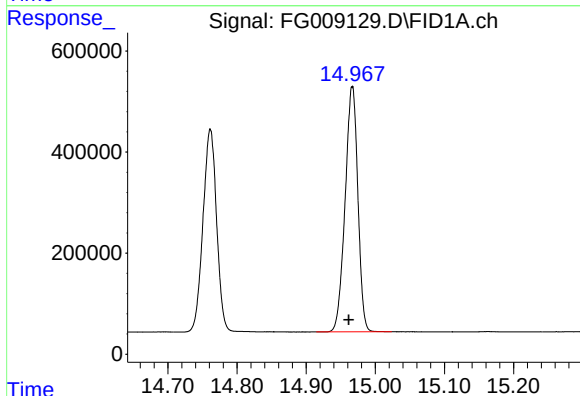
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.761 min
Delta R.T.: 0.005 min
Response: 5498224
Conc: 47.15 ug/ml

Instrument :
FID_G
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50 PPM TRPH STD

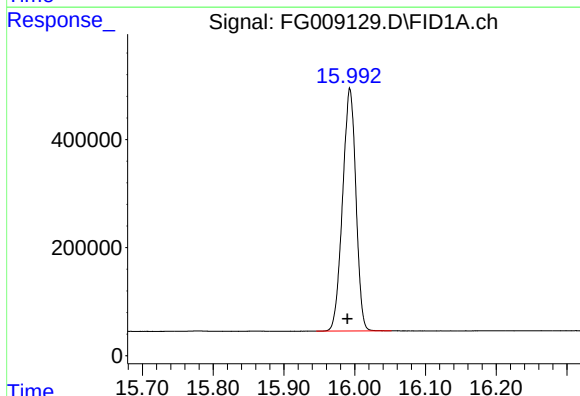
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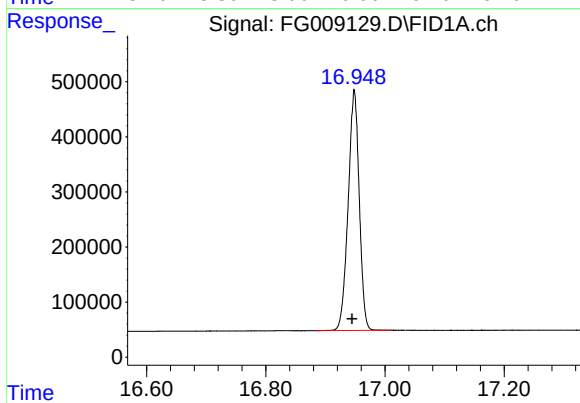
#10 N-TETRACOSANE

R.T.: 14.967 min
Delta R.T.: 0.005 min
Response: 6224707
Conc: 47.30 ug/ml



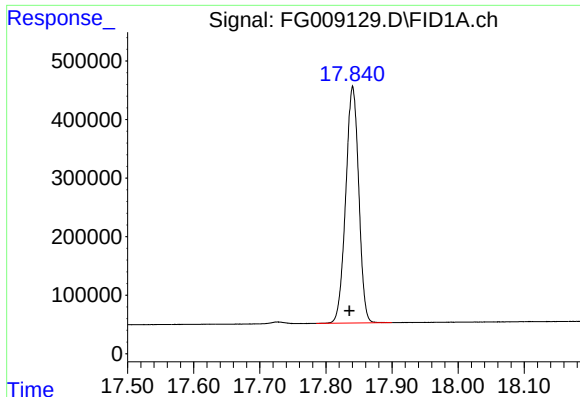
#11 N-HEXACOSANE

R.T.: 15.993 min
Delta R.T.: 0.004 min
Response: 5880495
Conc: 48.00 ug/ml



#12 N-OCTACOSANE

R.T.: 16.949 min
Delta R.T.: 0.004 min
Response: 5647183
Conc: 49.53 ug/ml



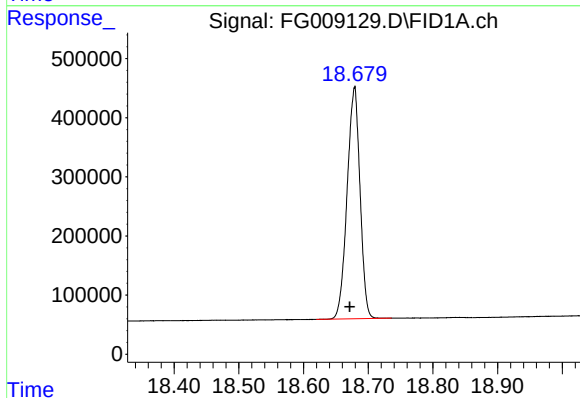
#13 N-TRIACONTANE

R.T.: 17.841 min
Delta R.T.: 0.005 min
Response: 5526931
Conc: 51.09 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

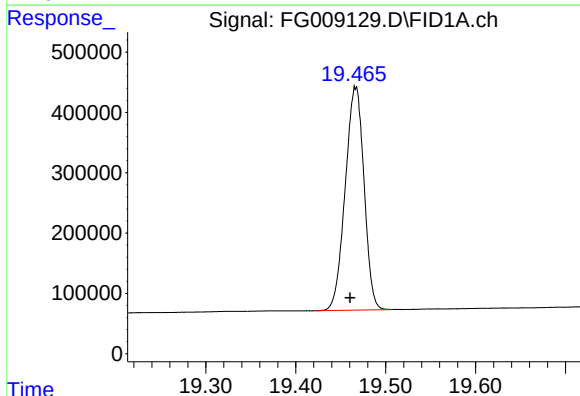
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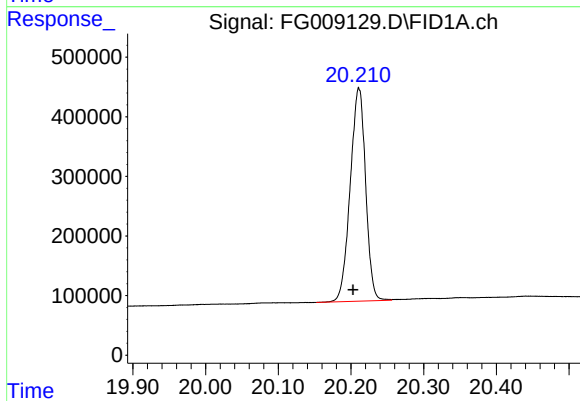
#14 N-DOTRIACONTANE

R.T.: 18.679 min
Delta R.T.: 0.007 min
Response: 5434020
Conc: 52.85 ug/ml



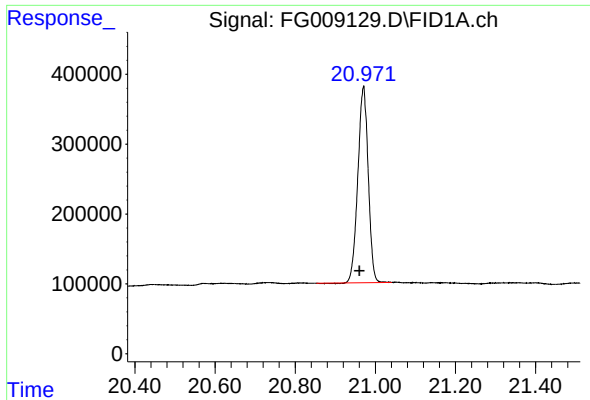
#15 N-TETRATRIACONTANE

R.T.: 19.465 min
Delta R.T.: 0.005 min
Response: 5379510
Conc: 54.39 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.210 min
Delta R.T.: 0.007 min
Response: 5272133
Conc: 56.10 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.971 min
Delta R.T.: 0.011 min
Response: 5046811
Conc: 54.42 ug/ml

Instrument :

FID_G

ClientSampleId :

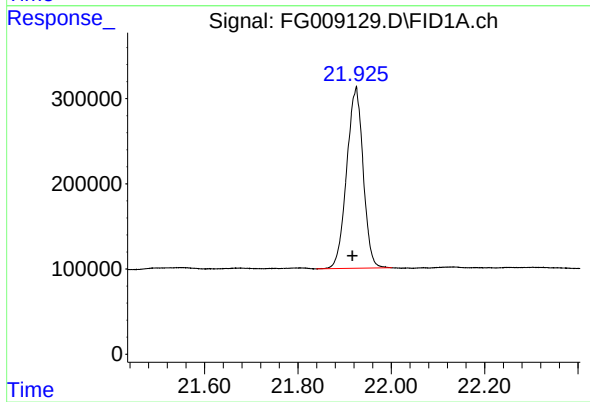
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#18 N-TETRACONTANE

R.T.: 21.925 min
Delta R.T.: 0.008 min
Response: 5181361
Conc: 52.65 ug/ml