

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG040422\
 Data File : FG009515.D
 Signal(s) : FID1A.ch
 Acq On : 04 Apr 2022 17:47
 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 04/05/2022
 Supervised By :mohammad ahmed 04/06/2022

Integration File: Sample.e
 Quant Time: Apr 05 01:34:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG040122.M
 Quant Title :
 QLast Update : Fri Apr 01 13:54:05 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...	14.634	6166445	47.867 ug/mlm
Target Compounds			
1) N-OCTANE	2.232	7656509	52.407 ug/ml
2) N-DECANE	4.329	8028301	54.072 ug/ml
3) N-DODECANE	6.358	8060810	53.485 ug/ml
4) N-TETRADECANE	8.158	8023991	52.383 ug/ml
5) N-HEXADECANE	9.765	7873535	51.021 ug/ml
6) N-OCTADECANE	11.213	7854895	49.924 ug/ml
7) N-EICOSANE	12.528	7450366	49.192 ug/ml
8) N-DOCOSANE	13.731	7171228	48.593 ug/ml
10) N-TETRACOSANE	14.839	6885049	48.028 ug/ml
11) N-HEXACOSANE	15.865	6552946	47.703 ug/ml
12) N-OCTACOSANE	16.820	6308663	48.338 ug/ml
13) N-TRIACONTANE	17.709	6135319	49.687 ug/ml
14) N-DOTRIACONTANE	18.545	5949790	51.257 ug/mlm
15) N-TETRATRIACONTANE	19.331	5539388	52.096 ug/mlm
16) N-HEXATRIACONTANE	20.074	4941309	52.183 ug/mlm
17) N-OCTATRIACONTANE	20.815	4590516	53.308 ug/mlm
18) N-TETRACONTANE	21.730	4561087	52.848 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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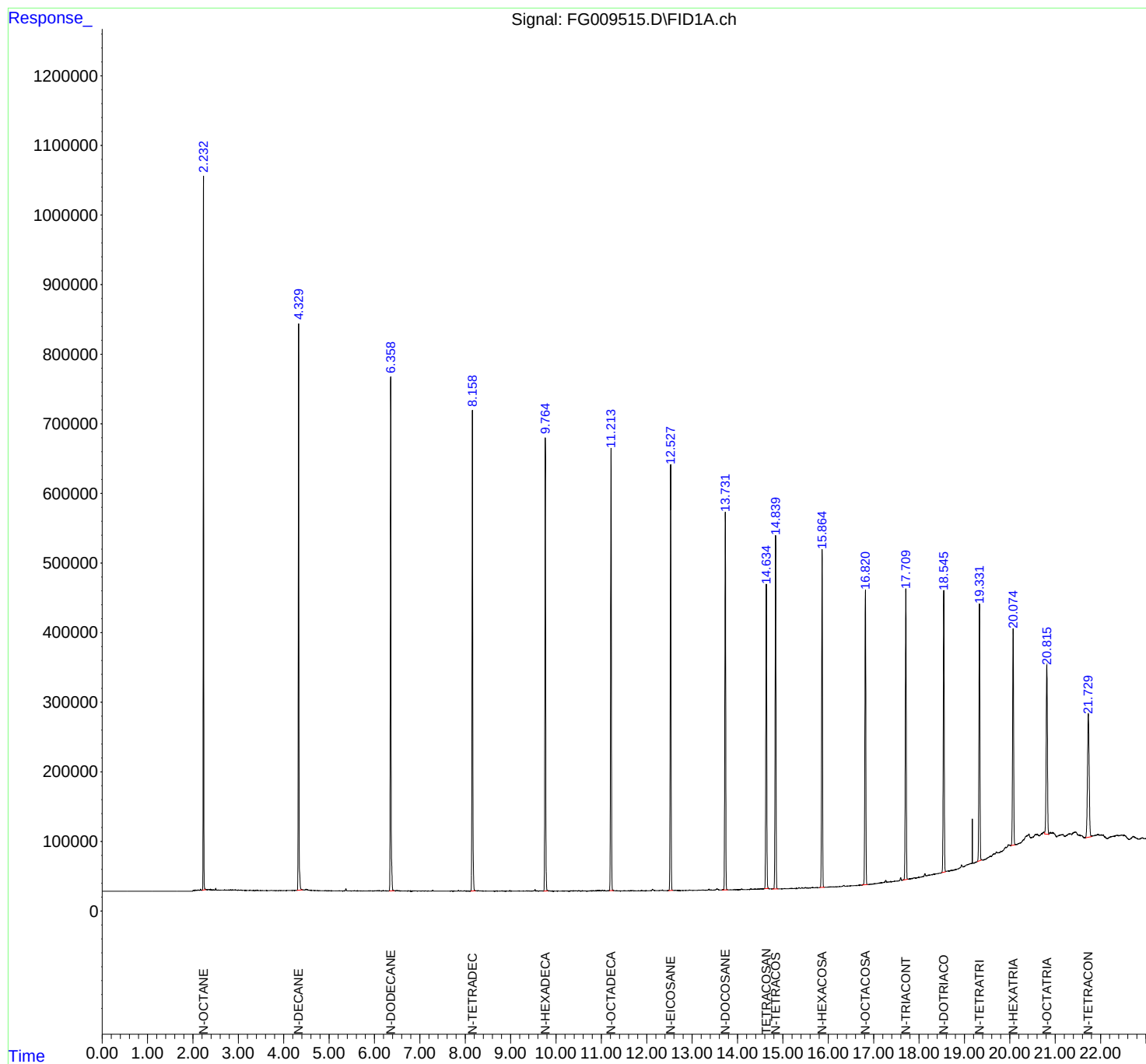
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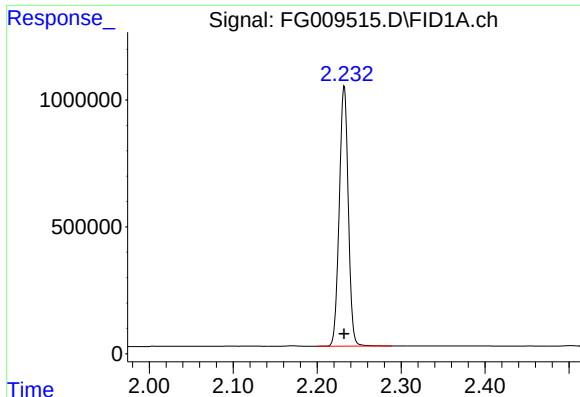
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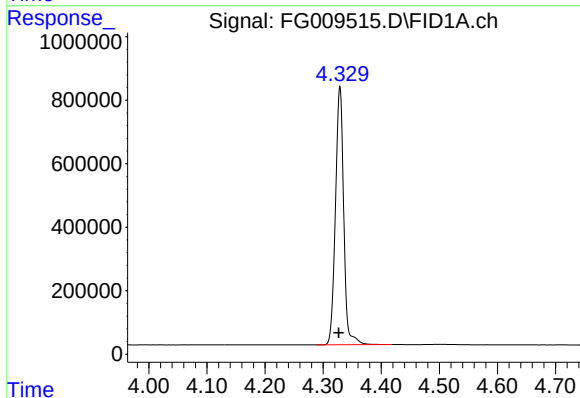
#1 N-OCTANE

R.T.: 2.232 min
Delta R.T.: 0.000 min
Response: 7656509
Conc: 52.41 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

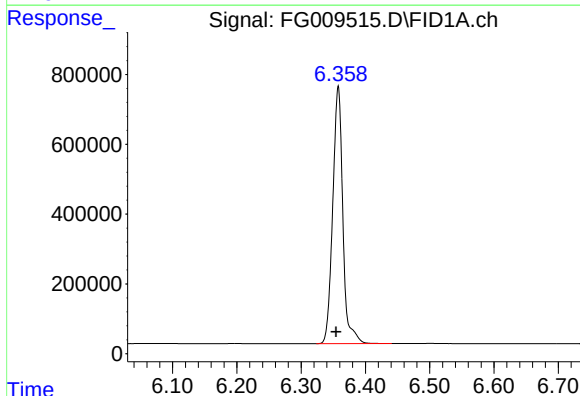
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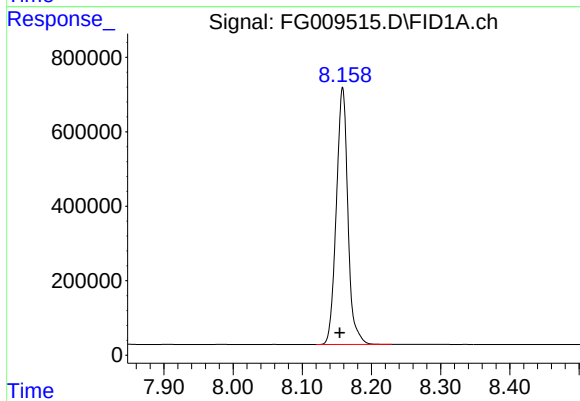
#2 N-DECANE

R.T.: 4.329 min
Delta R.T.: 0.002 min
Response: 8028301
Conc: 54.07 ug/ml



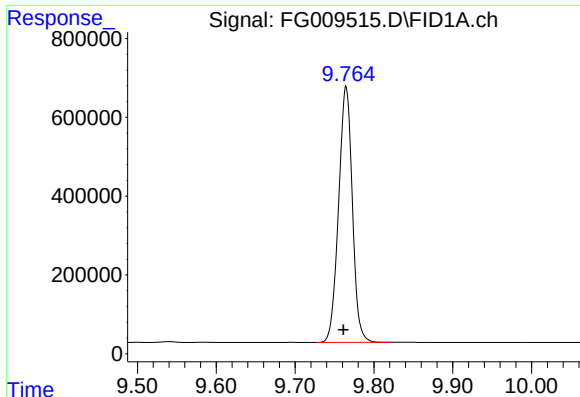
#3 N-DODECANE

R.T.: 6.358 min
Delta R.T.: 0.003 min
Response: 8060810
Conc: 53.48 ug/ml



#4 N-TETRADECANE

R.T.: 8.158 min
Delta R.T.: 0.004 min
Response: 8023991
Conc: 52.38 ug/ml



#5 N-HEXADECANE

R.T.: 9.765 min
Delta R.T.: 0.003 min
Response: 7873535
Conc: 51.02 ug/ml

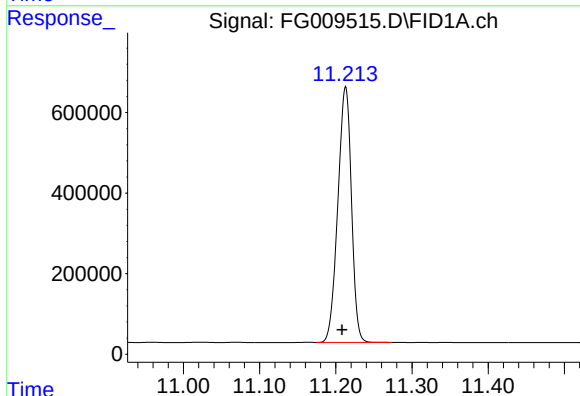
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

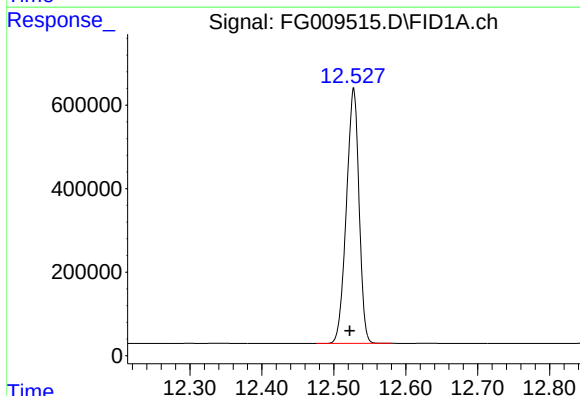
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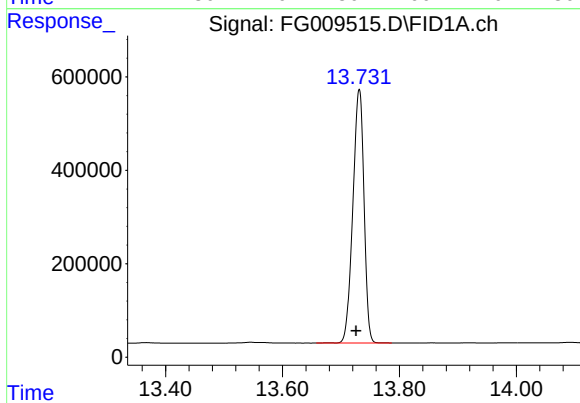
#6 N-OCTADECANE

R.T.: 11.213 min
Delta R.T.: 0.005 min
Response: 7854895
Conc: 49.92 ug/ml



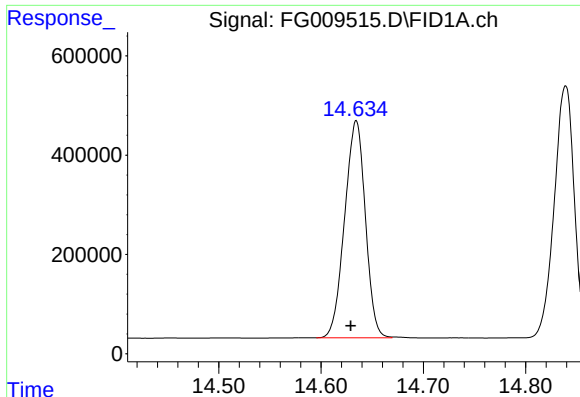
#7 N-EICOSANE

R.T.: 12.528 min
Delta R.T.: 0.005 min
Response: 7450366
Conc: 49.19 ug/ml



#8 N-DOCOSANE

R.T.: 13.731 min
Delta R.T.: 0.005 min
Response: 7171228
Conc: 48.59 ug/ml



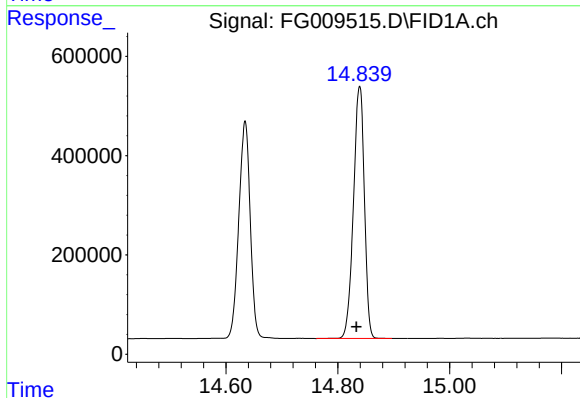
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.634 min
Delta R.T.: 0.005 min
Response: 6166445
Conc: 47.87 ug/ml

Instrument :
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50 PPM TRPH STD

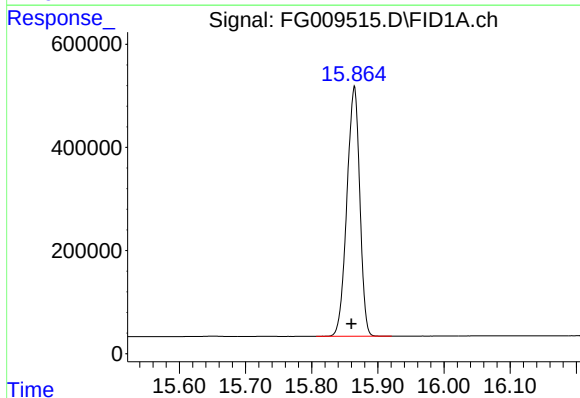
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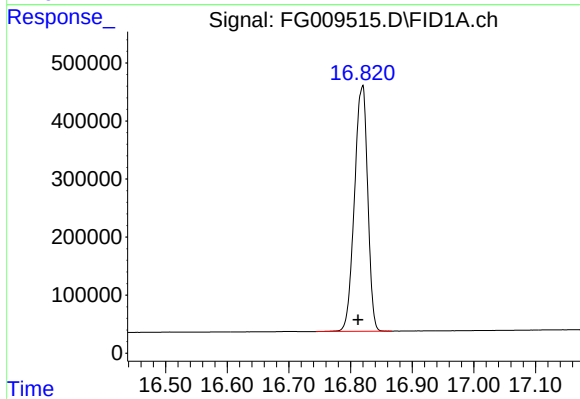
#10 N-TETRACOSANE

R.T.: 14.839 min
Delta R.T.: 0.006 min
Response: 6885049
Conc: 48.03 ug/ml



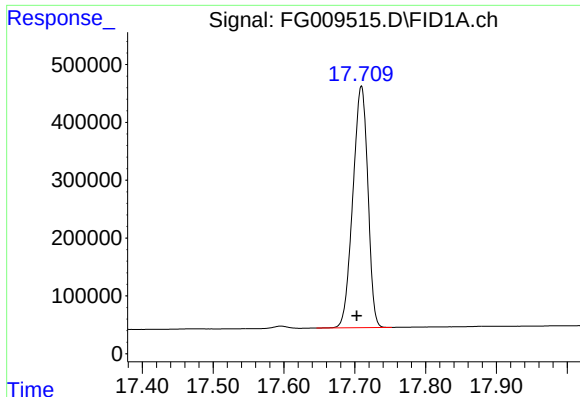
#11 N-HEXACOSANE

R.T.: 15.865 min
Delta R.T.: 0.005 min
Response: 6552946
Conc: 47.70 ug/ml



#12 N-OCTACOSANE

R.T.: 16.820 min
Delta R.T.: 0.007 min
Response: 6308663
Conc: 48.34 ug/ml



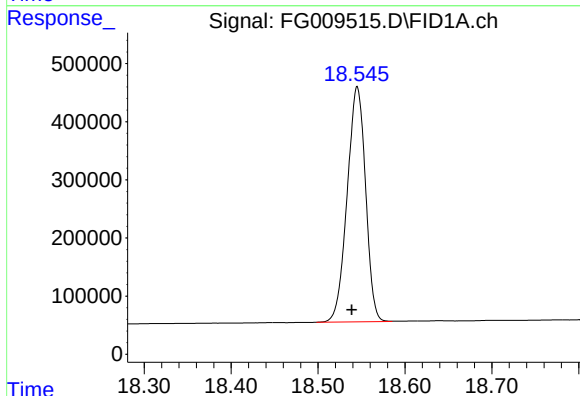
#13 N-TRIACONTANE

R.T.: 17.709 min
Delta R.T.: 0.007 min
Response: 6135319
Conc: 49.69 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

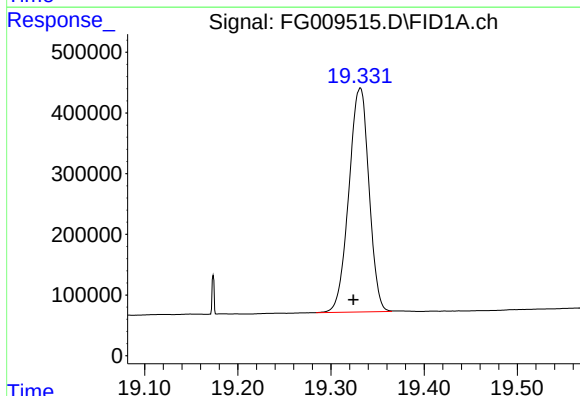
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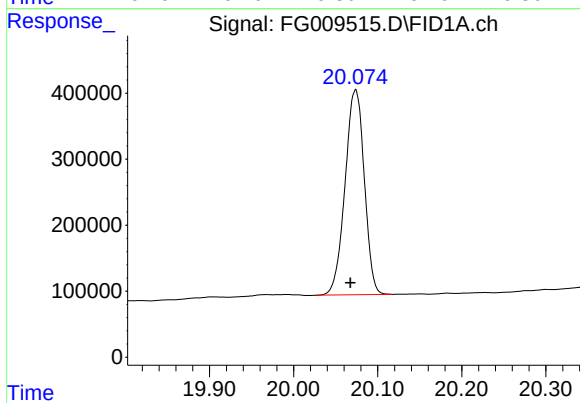
#14 N-DOTRIACONTANE

R.T.: 18.545 min
Delta R.T.: 0.006 min
Response: 5949790
Conc: 51.26 ug/ml m



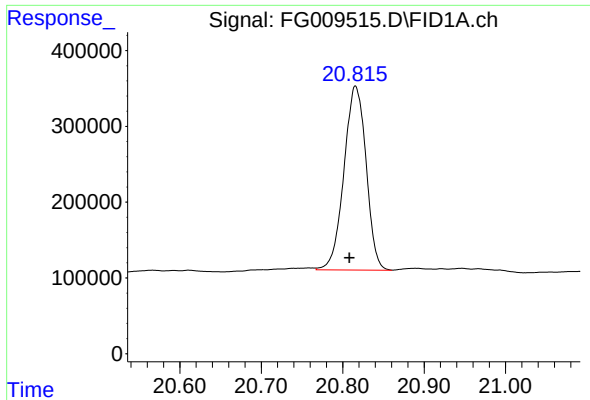
#15 N-TETRATRIACONTANE

R.T.: 19.331 min
Delta R.T.: 0.007 min
Response: 5539388
Conc: 52.10 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.074 min
Delta R.T.: 0.006 min
Response: 4941309
Conc: 52.18 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.815 min
Delta R.T.: 0.007 min
Response: 4590516
Conc: 53.31 ug/ml

Instrument :

FID_G

ClientSampleId :

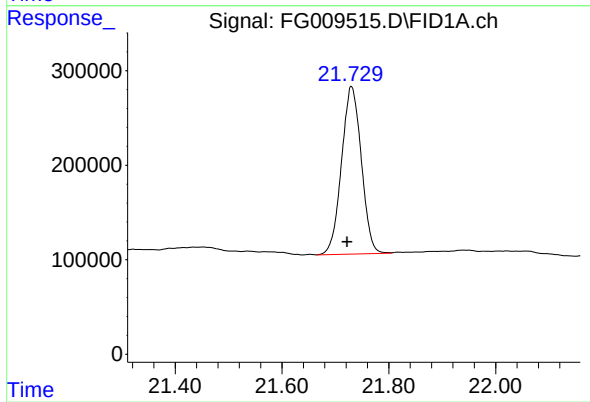
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#18 N-TETRACONTANE

R.T.: 21.730 min
Delta R.T.: 0.008 min
Response: 4561087
Conc: 52.85 ug/ml