

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032622\
 Data File : FG009409.D
 Signal(s) : FID1A.ch
 Acq On : 26 Mar 2022 07:33
 Operator : AJ\MA
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/28/2022
 Supervised By :mohammad ahmed 03/30/2022

Integration File: autoint1.e
 Quant Time: Mar 26 22:45:09 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032522.M
 Quant Title :
 QLast Update : Sat Mar 26 00:33:44 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...	14.621	6520867	47.319 ug/ml
Target Compounds			
1) N-OCTANE	2.232	6827147	47.471 ug/ml
2) N-DECANE	4.329	7024360	48.021 ug/ml
3) N-DODECANE	6.355	7135517	47.848 ug/ml
4) N-TETRADECANE	8.153	7272241	47.631 ug/ml
5) N-HEXADECANE	9.759	7343697	47.403 ug/ml
6) N-OCTADECANE	11.205	7549554	47.311 ug/ml
7) N-EICOSANE	12.518	7369425	47.204 ug/ml
8) N-DOCOSANE	13.719	7323271	47.313 ug/ml
10) N-TETRACOSANE	14.826	7296020	47.309 ug/ml
11) N-HEXACOSANE	15.849	7187624	47.343 ug/ml
12) N-OCTACOSANE	16.801	7029436	47.432 ug/ml
13) N-TRIACONTANE	17.690	6748536	47.323 ug/ml
14) N-DOTRIACONTANE	18.523	6294897	47.339 ug/ml
15) N-TETRATRIACONTANE	19.309	5555821	47.549 ug/ml
16) N-HEXATRIACONTANE	20.050	4669394	47.349 ug/ml
17) N-OCTATRIACONTANE	20.788	4120852	47.536 ug/ml
18) N-TETRACONTANE	21.694	4054817	47.704 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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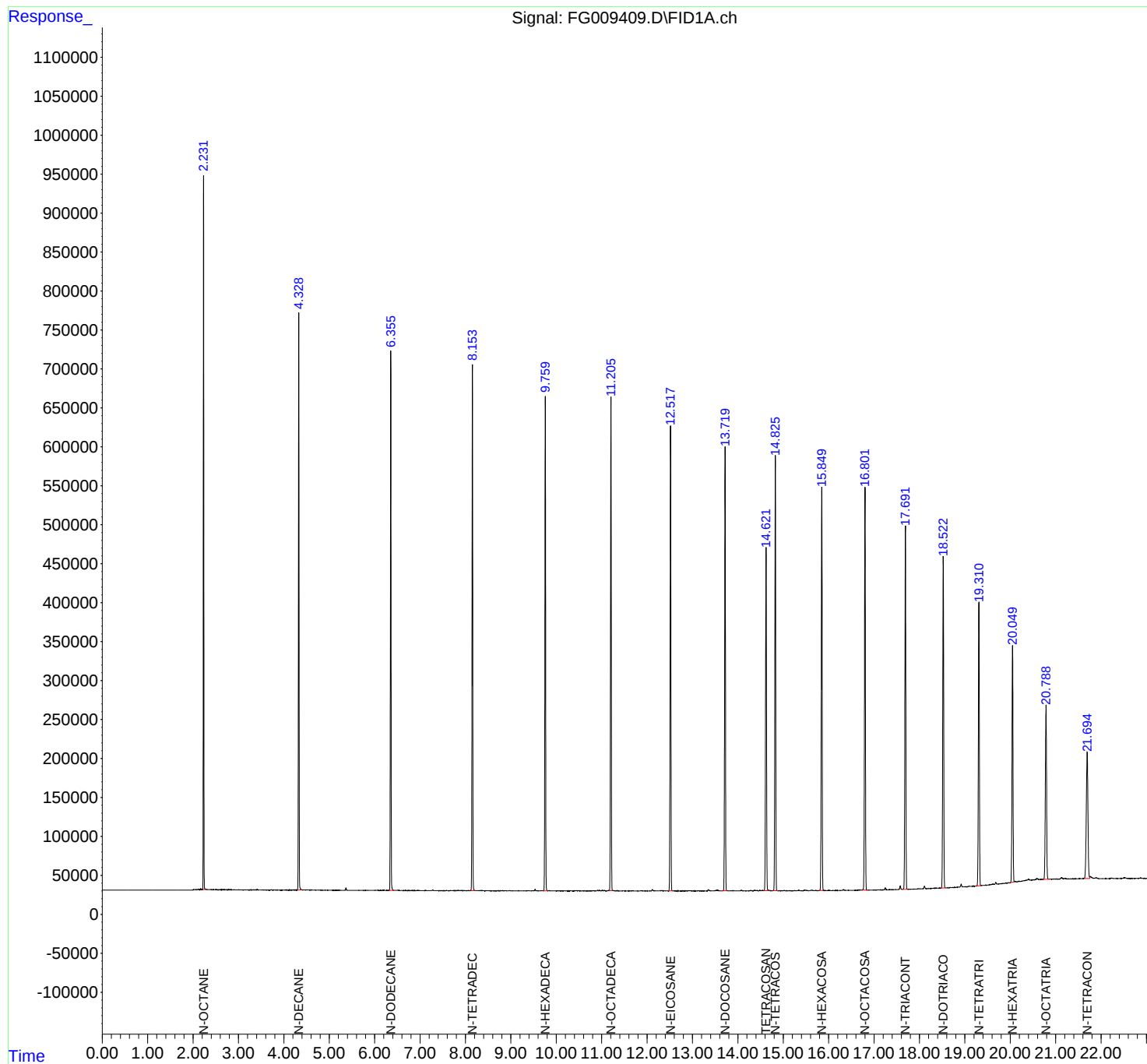
Instrument :
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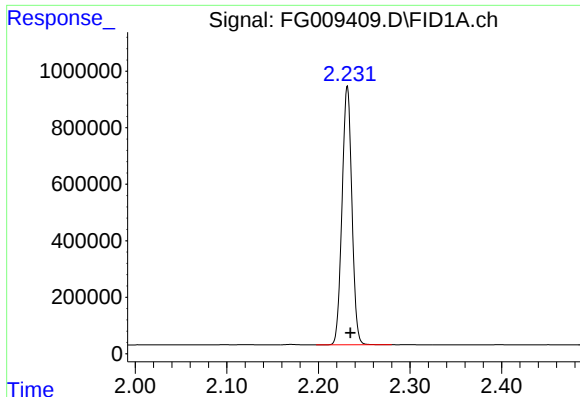
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Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 2.232 min
Delta R.T.: -0.003 min
Response: 6827147
Conc: 47.47 ug/ml

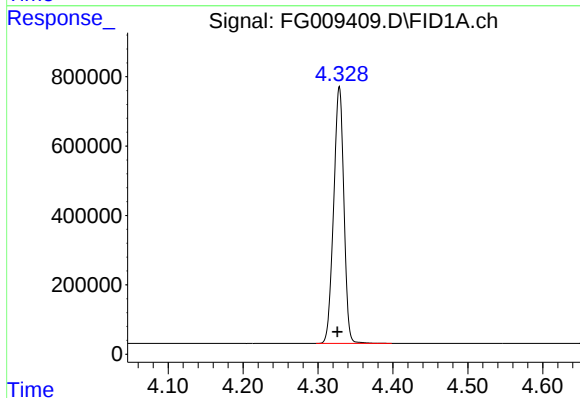
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

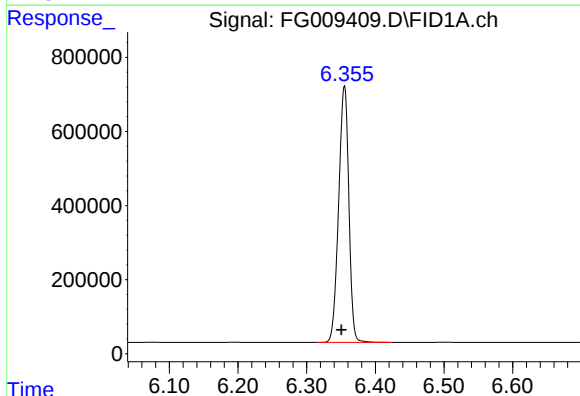
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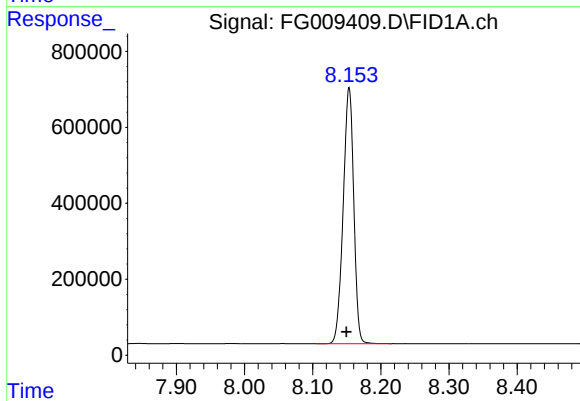
#2 N-DECANE

R.T.: 4.329 min
Delta R.T.: 0.003 min
Response: 7024360
Conc: 48.02 ug/ml



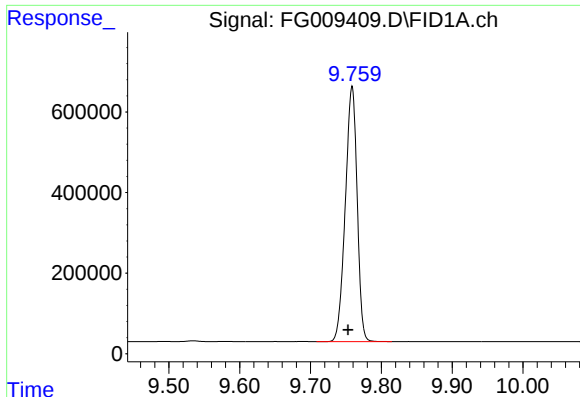
#3 N-DODECANE

R.T.: 6.355 min
Delta R.T.: 0.005 min
Response: 7135517
Conc: 47.85 ug/ml



#4 N-TETRADECANE

R.T.: 8.153 min
Delta R.T.: 0.004 min
Response: 7272241
Conc: 47.63 ug/ml



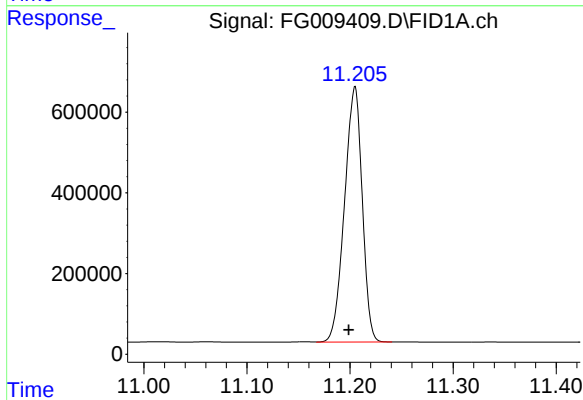
#5 N-HEXADECANE

R.T.: 9.759 min
Delta R.T.: 0.006 min
Response: 7343697
Conc: 47.40 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

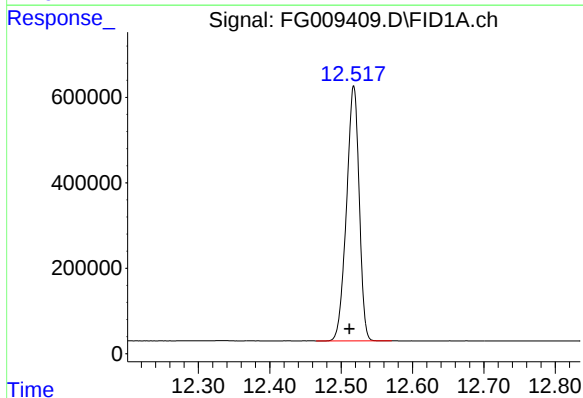
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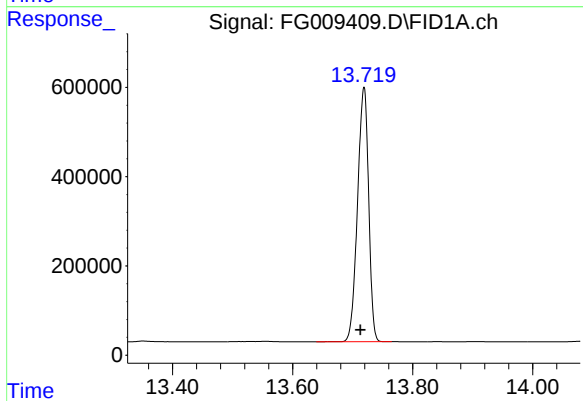
#6 N-OCTADECANE

R.T.: 11.205 min
Delta R.T.: 0.006 min
Response: 7549554
Conc: 47.31 ug/ml



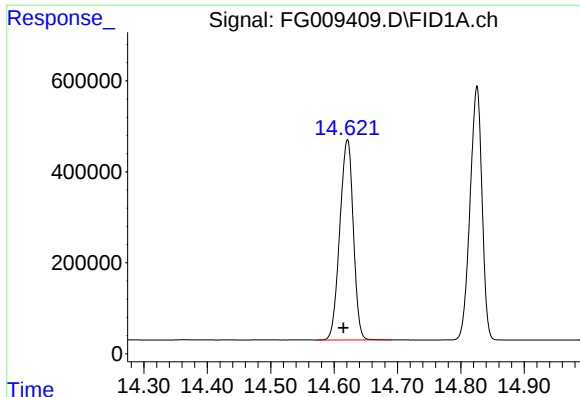
#7 N-EICOSANE

R.T.: 12.518 min
Delta R.T.: 0.006 min
Response: 7369425
Conc: 47.20 ug/ml



#8 N-DOCOSANE

R.T.: 13.719 min
Delta R.T.: 0.006 min
Response: 7323271
Conc: 47.31 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.621 min
Delta R.T.: 0.006 min
Response: 6520867
Conc: 47.32 ug/ml

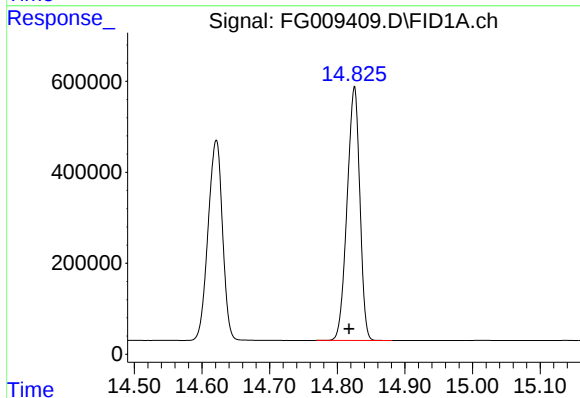
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

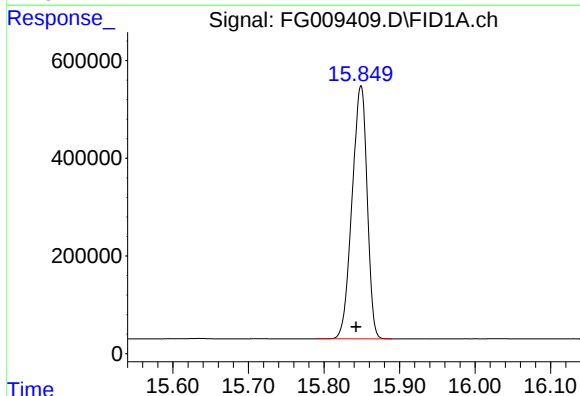
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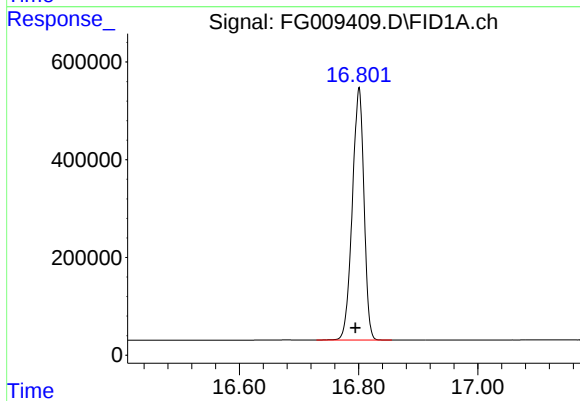
#10 N-TETRACOSANE

R.T.: 14.826 min
Delta R.T.: 0.008 min
Response: 7296020
Conc: 47.31 ug/ml



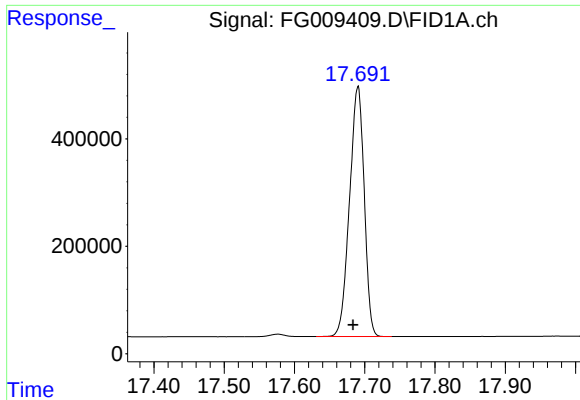
#11 N-HEXACOSANE

R.T.: 15.849 min
Delta R.T.: 0.007 min
Response: 7187624
Conc: 47.34 ug/ml



#12 N-OCTACOSANE

R.T.: 16.801 min
Delta R.T.: 0.006 min
Response: 7029436
Conc: 47.43 ug/ml



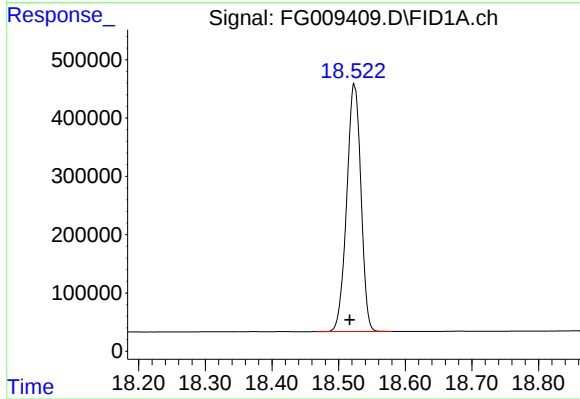
#13 N-TRIACONTANE

R.T.: 17.690 min
Delta R.T.: 0.007 min
Response: 6748536
Conc: 47.32 ug/ml

Instrument :
FID_G
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50 PPM TRPH STD

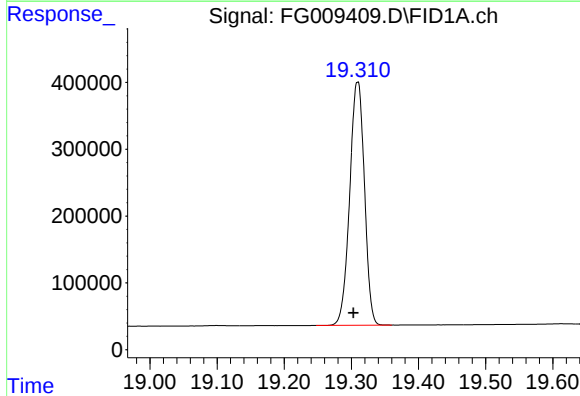
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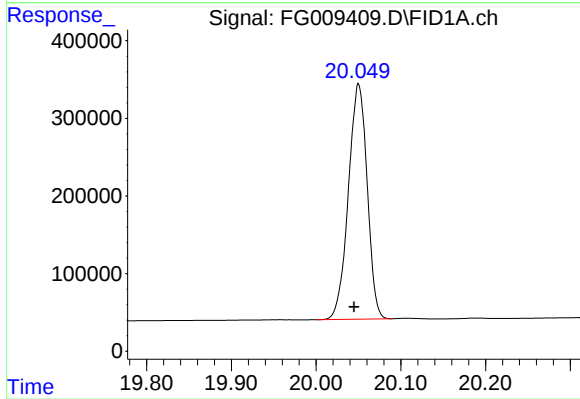
#14 N-DOTRIACONTANE

R.T.: 18.523 min
Delta R.T.: 0.006 min
Response: 6294897
Conc: 47.34 ug/ml



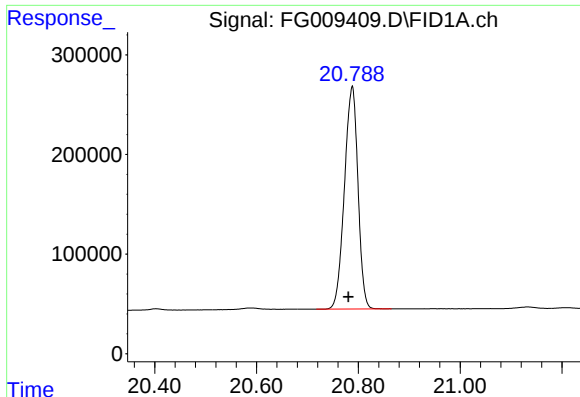
#15 N-TETRATRIACONTANE

R.T.: 19.309 min
Delta R.T.: 0.006 min
Response: 5555821
Conc: 47.55 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.050 min
Delta R.T.: 0.005 min
Response: 4669394
Conc: 47.35 ug/ml



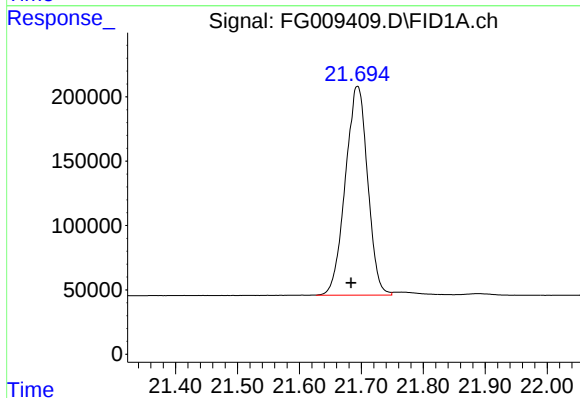
#17 N-OCTATRIACONTANE

R.T.: 20.788 min
Delta R.T.: 0.008 min
Response: 4120852
Conc: 47.54 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.694 min
Delta R.T.: 0.011 min
Response: 4054817
Conc: 47.70 ug/ml m