

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG040922\
 Data File : FG009565.D
 Signal(s) : FID1A.ch
 Acq On : 09 Apr 2022 09:13
 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 04/11/2022
 Supervised By :mohammad ahmed 04/12/2022

Integration File: Sample.e
 Quant Time: Apr 11 01:37:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG040122.M
 Quant Title :
 QLast Update : Fri Apr 08 10:19:35 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...	14.643	7166065	55.626 ug/mlm
Target Compounds			
1) N-OCTANE	2.231	8605256	58.900 ug/ml
2) N-DECANE	4.330	9236526	62.210 ug/ml
3) N-DODECANE	6.360	9147507	60.695 ug/ml
4) N-TETRADECANE	8.162	9086832	59.322 ug/ml
5) N-HEXADECANE	9.770	8965135	58.095 ug/mlm
6) N-OCTADECANE	11.219	9016796	57.309 ug/ml
7) N-EICOSANE	12.535	8548484	56.442 ug/ml
8) N-DOCOSANE	13.739	8289828	56.173 ug/ml
10) N-TETRACOSANE	14.849	7985721	55.706 ug/mlm
11) N-HEXACOSANE	15.875	7796616	56.756 ug/mlm
12) N-OCTACOSANE	16.829	7620778	58.392 ug/mlm
13) N-TRIACONTANE	17.722	7527826	60.964 ug/mlm
14) N-DOTRIACONTANE	18.559	7280674	62.722 ug/mlm
15) N-TETRATRIACONTANE	19.347	6692497	62.940 ug/mlm
16) N-HEXATRIACONTANE	20.090	5836346	61.635 ug/mlm
17) N-OCTATRIACONTANE	20.832	5317923	61.756 ug/mlm
18) N-TETRACONTANE	21.759	5207279	60.336 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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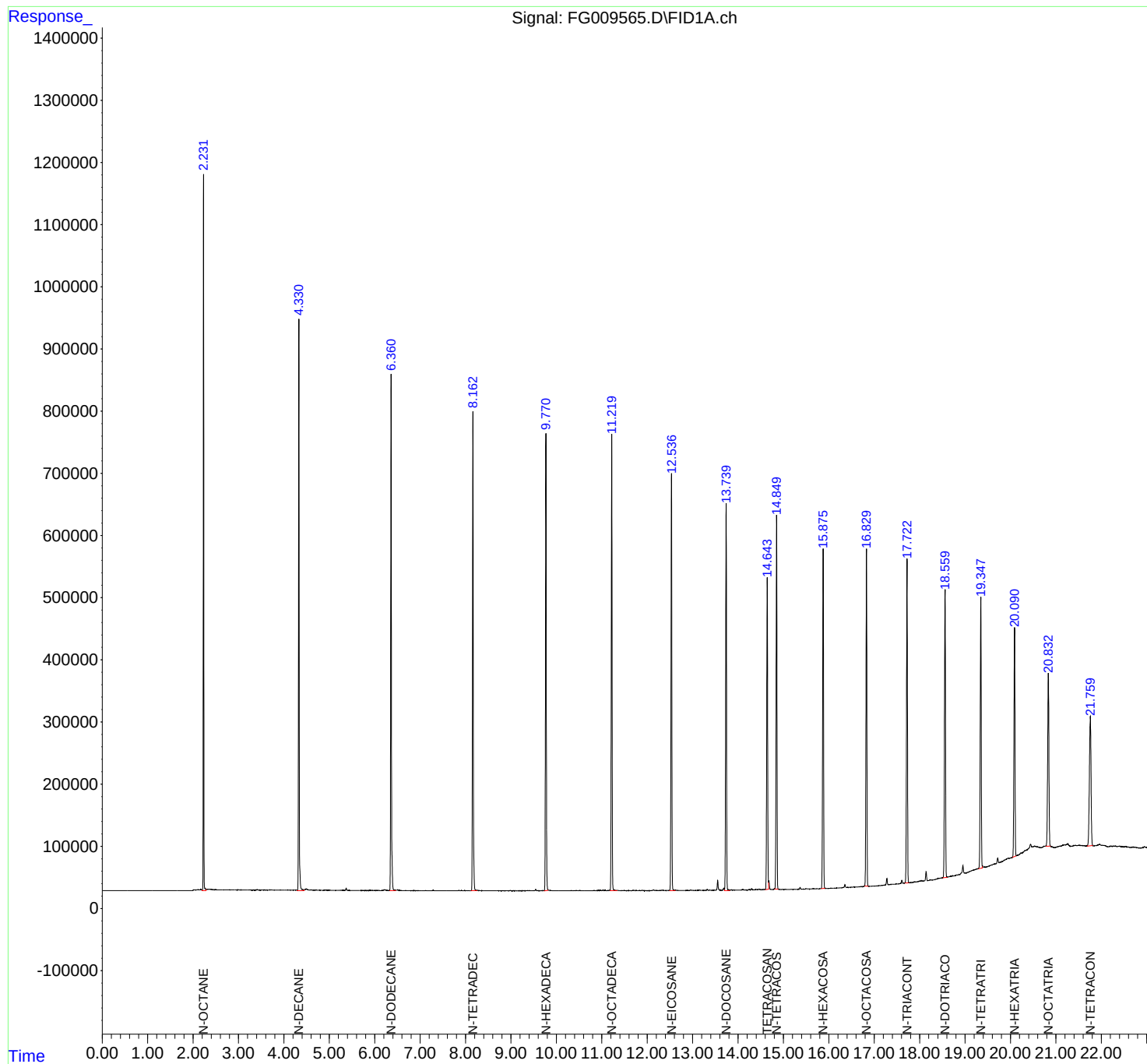
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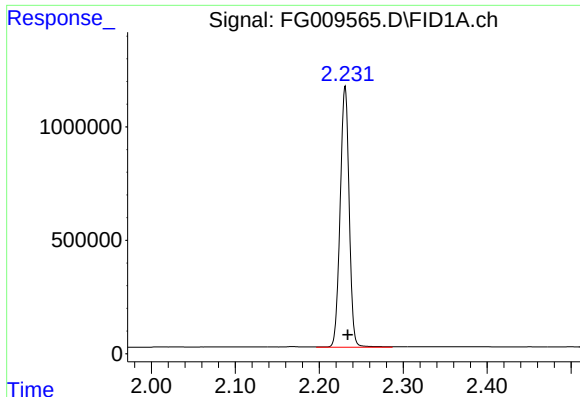
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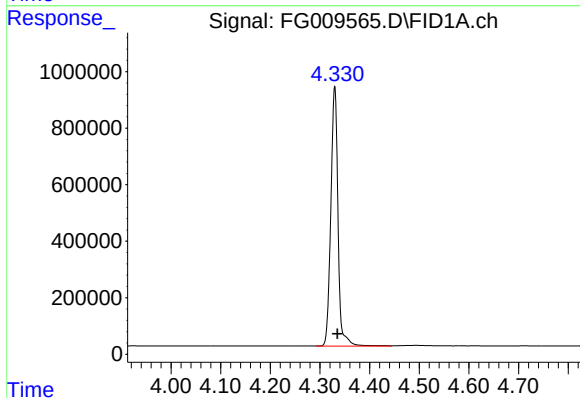
#1 N-OCTANE

R.T.: 2.231 min
Delta R.T.: -0.003 min
Response: 8605256
Conc: 58.90 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

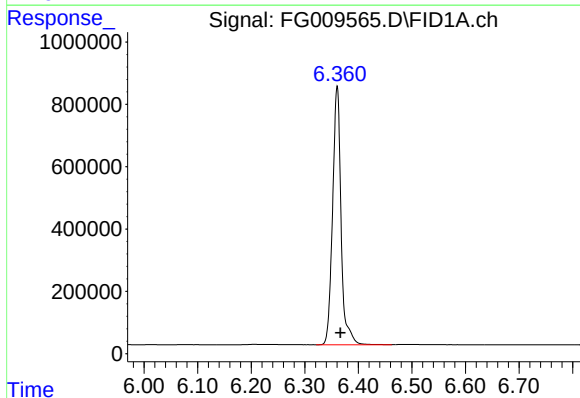
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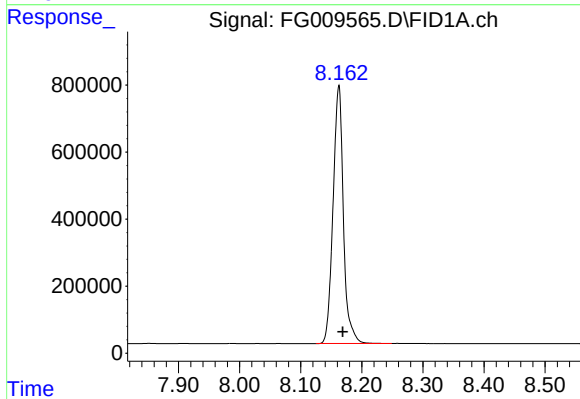
#2 N-DECANE

R.T.: 4.330 min
Delta R.T.: -0.005 min
Response: 9236526
Conc: 62.21 ug/ml



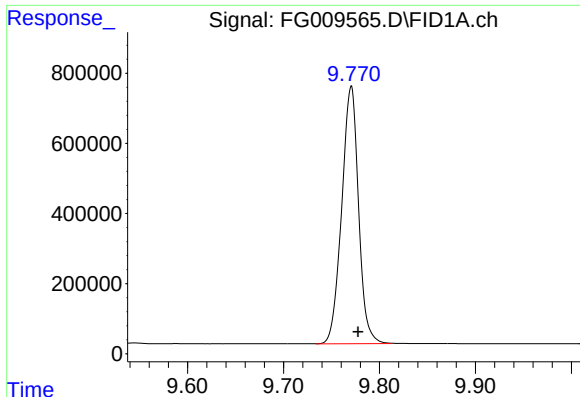
#3 N-DODECANE

R.T.: 6.360 min
Delta R.T.: -0.006 min
Response: 9147507
Conc: 60.70 ug/ml



#4 N-TETRADECANE

R.T.: 8.162 min
Delta R.T.: -0.007 min
Response: 9086832
Conc: 59.32 ug/ml



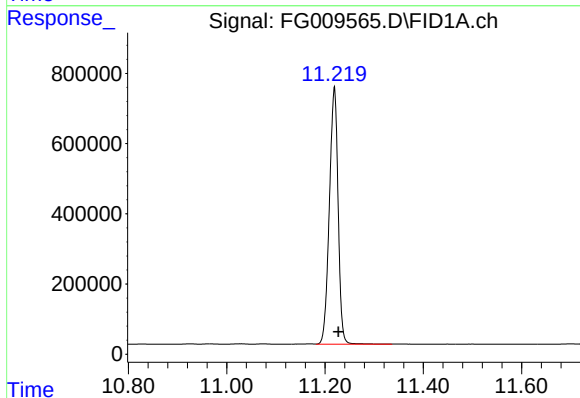
#5 N-HEXADECANE

R.T.: 9.770 min
Delta R.T.: -0.007 min
Response: 8965135
Conc: 58.10 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

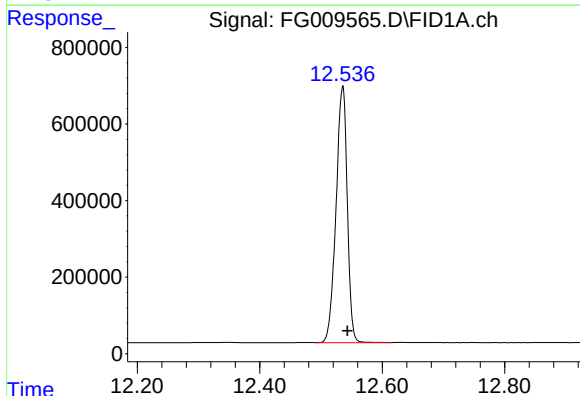
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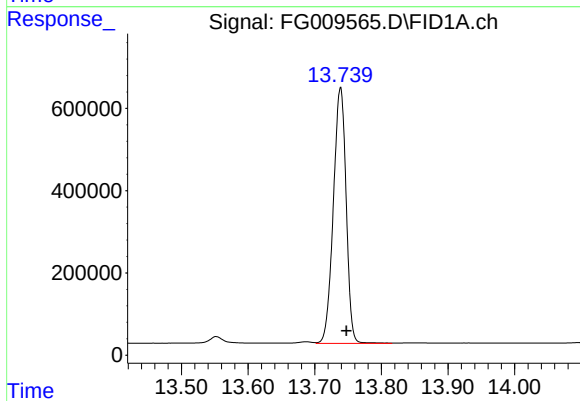
#6 N-OCTADECANE

R.T.: 11.219 min
Delta R.T.: -0.009 min
Response: 9016796
Conc: 57.31 ug/ml



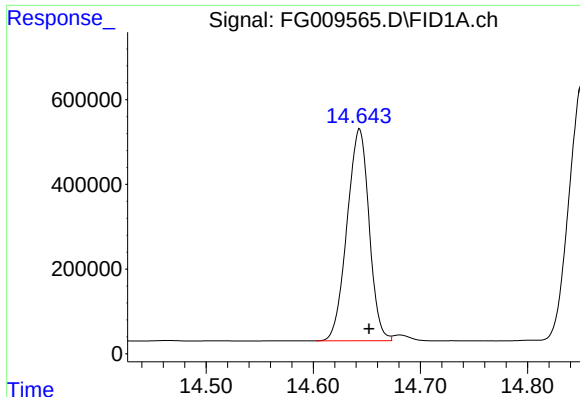
#7 N-EICOSANE

R.T.: 12.535 min
Delta R.T.: -0.008 min
Response: 8548484
Conc: 56.44 ug/ml



#8 N-DOCOSANE

R.T.: 13.739 min
Delta R.T.: -0.009 min
Response: 8289828
Conc: 56.17 ug/ml



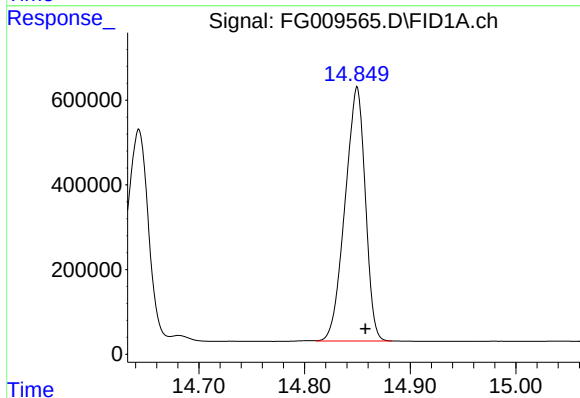
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.643 min
Delta R.T.: -0.009 min
Response: 7166065
Conc: 55.63 ug/ml

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50 PPM TRPH STD

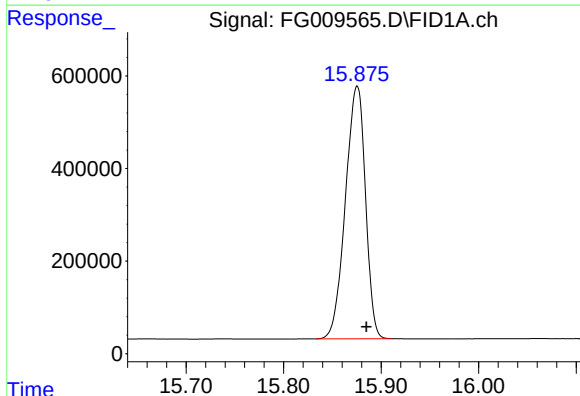
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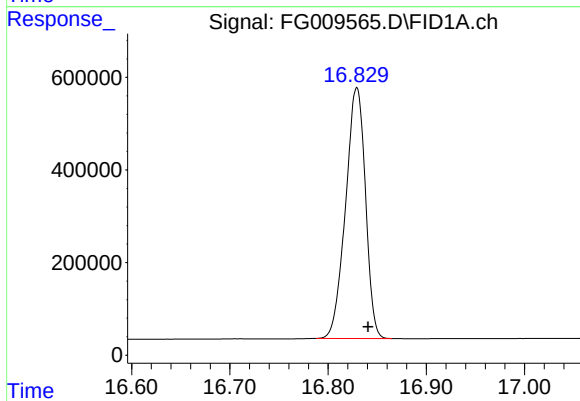
#10 N-TETRACOSANE

R.T.: 14.849 min
Delta R.T.: -0.008 min
Response: 7985721
Conc: 55.71 ug/ml m



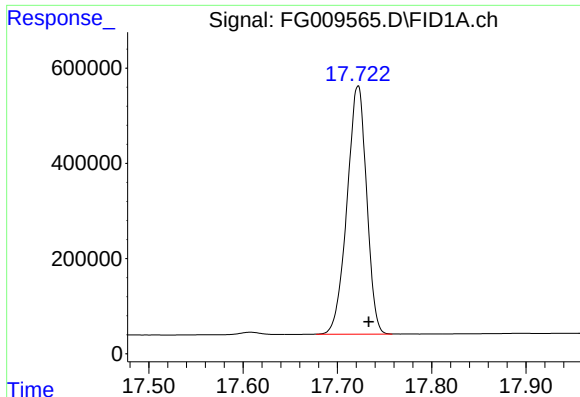
#11 N-HEXACOSANE

R.T.: 15.875 min
Delta R.T.: -0.010 min
Response: 7796616
Conc: 56.76 ug/ml m



#12 N-OCTACOSANE

R.T.: 16.829 min
Delta R.T.: -0.011 min
Response: 7620778
Conc: 58.39 ug/ml m



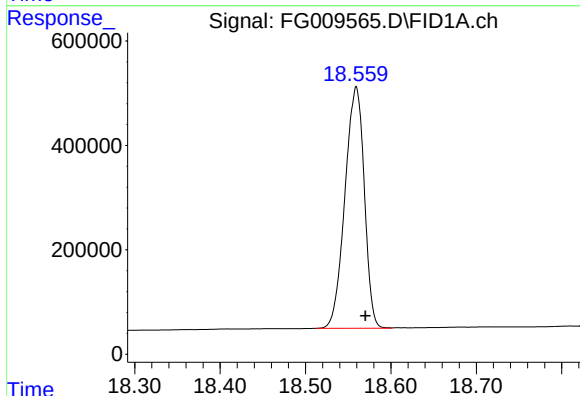
#13 N-TRIACONTANE

R.T.: 17.722 min
Delta R.T.: -0.011 min
Response: 7527826
Conc: 60.96 ug/ml

Instrument :
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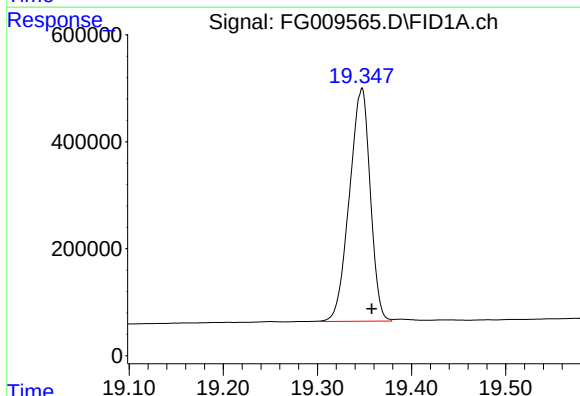
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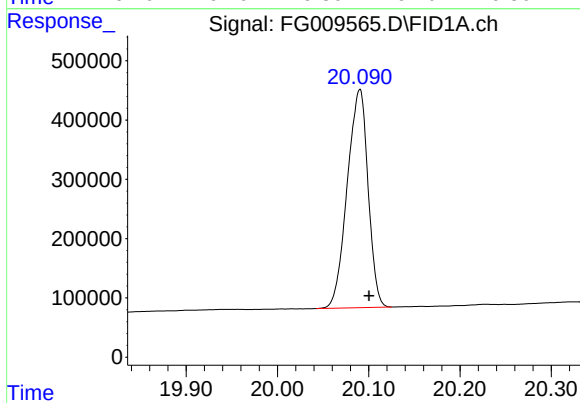
#14 N-DOTRIACONTANE

R.T.: 18.559 min
Delta R.T.: -0.011 min
Response: 7280674
Conc: 62.72 ug/ml m



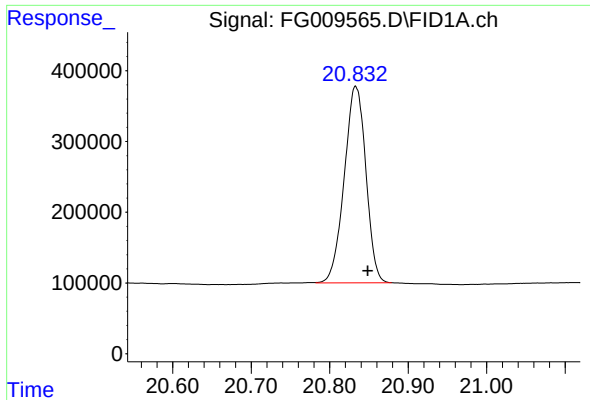
#15 N-TETRATRIACONTANE

R.T.: 19.347 min
Delta R.T.: -0.011 min
Response: 6692497
Conc: 62.94 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.090 min
Delta R.T.: -0.010 min
Response: 5836346
Conc: 61.63 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.832 min
Delta R.T.: -0.016 min
Response: 5317923
Conc: 61.76 ug/ml

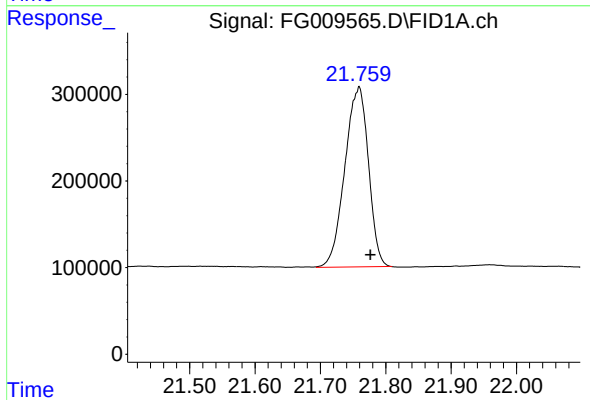
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#18 N-TETRACONTANE

R.T.: 21.759 min
Delta R.T.: -0.018 min
Response: 5207279
Conc: 60.34 ug/ml m