

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042522\
 Data File : FG009665.D
 Signal(s) : FID1A.ch
 Acq On : 25 Apr 2022 19:21
 Operator : AJ\MA
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/26/2022
 Supervised By :mohammad ahmed 04/27/2022

Integration File: Sample.e
 Quant Time: Apr 26 01:59:20 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...	14.625	5850749	45.416 ug/ml
Target Compounds			
1) N-OCTANE	2.221	6867840	47.008 ug/ml
2) N-DECANE	4.319	6940832	46.748 ug/ml
3) N-DODECANE	6.348	6951420	46.124 ug/ml
4) N-TETRADECANE	8.148	6900353	45.048 ug/ml
5) N-HEXADECANE	9.755	6858996	44.447 ug/ml
6) N-OCTADECANE	11.203	6928736	44.037 ug/ml
7) N-EICOSANE	12.518	6691580	44.182 ug/ml
8) N-DOCOSANE	13.721	6573646	44.544 ug/ml
10) N-TETRACOSANE	14.830	6530536	45.555 ug/ml
11) N-HEXACOSANE	15.855	6471985	47.113 ug/ml
12) N-OCTACOSANE	16.810	6454657	49.457 ug/ml
13) N-TRIACONTANE	17.700	6447007	52.211 ug/ml
14) N-DOTRIACONTANE	18.538	6342684	54.641 ug/ml
15) N-TETRATRIACONTANE	19.322	5984481	56.282 ug/ml
16) N-HEXATRIACONTANE	20.065	5484132	57.915 ug/mlm
17) N-OCTATRIACONTANE	20.805	5024058	58.343 ug/ml
18) N-TETRACONTANE	21.717	4958573	57.454 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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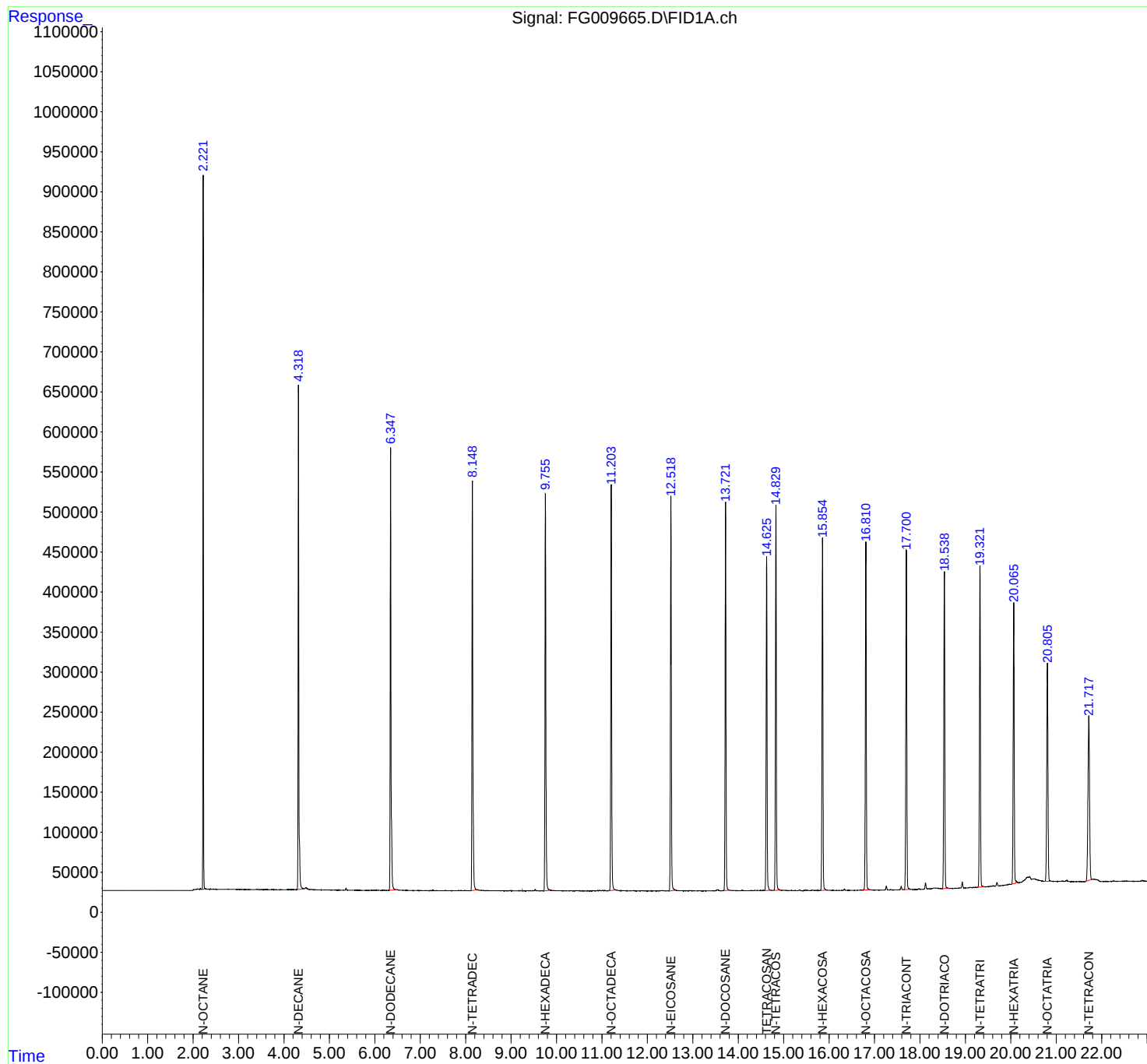
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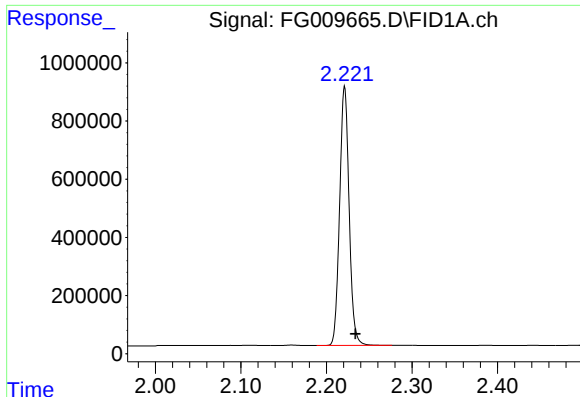
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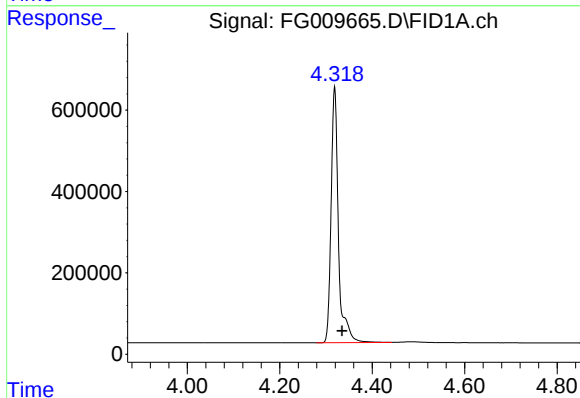
#1 N-OCTANE

R.T.: 2.221 min
Delta R.T.: -0.013 min
Response: 6867840
Conc: 47.01 ug/ml

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50 PPM TRPH STD

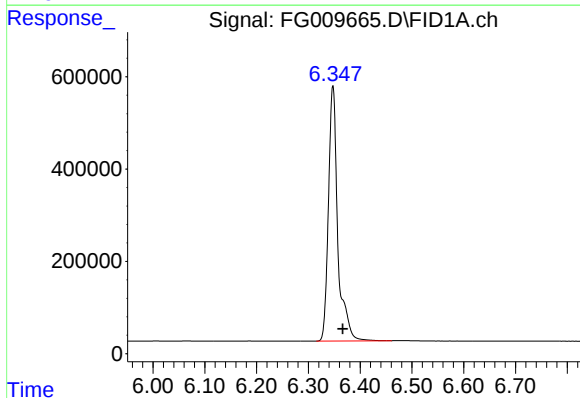
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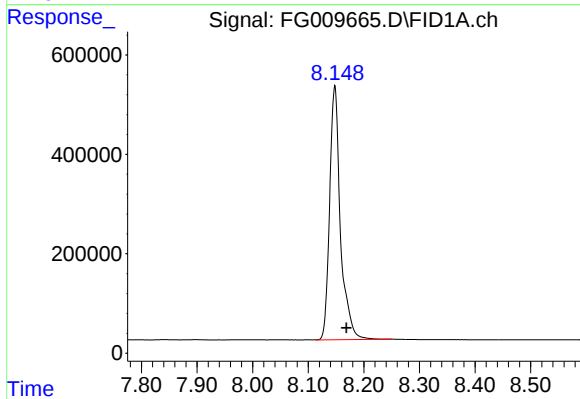
#2 N-DECANE

R.T.: 4.319 min
Delta R.T.: -0.016 min
Response: 6940832
Conc: 46.75 ug/ml



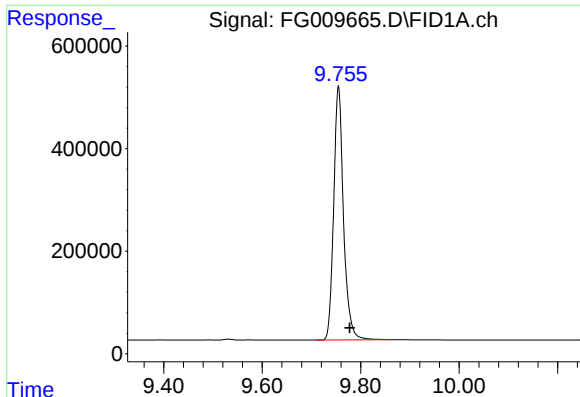
#3 N-DODECANE

R.T.: 6.348 min
Delta R.T.: -0.019 min
Response: 6951420
Conc: 46.12 ug/ml



#4 N-TETRADECANE

R.T.: 8.148 min
Delta R.T.: -0.021 min
Response: 6900353
Conc: 45.05 ug/ml



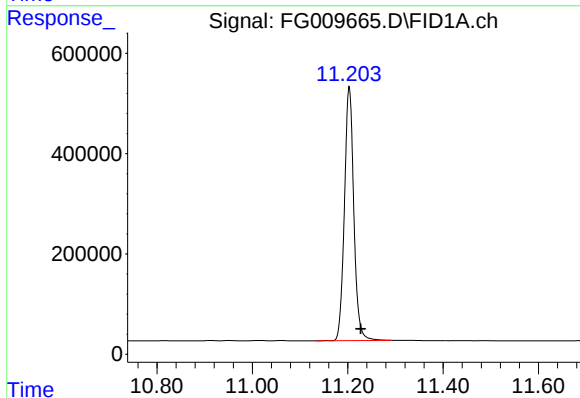
#5 N-HEXADECANE

R.T.: 9.755 min
Delta R.T.: -0.023 min
Response: 6858996
Conc: 44.45 ug/ml

Instrument :
FID_G
ClientSampleId :
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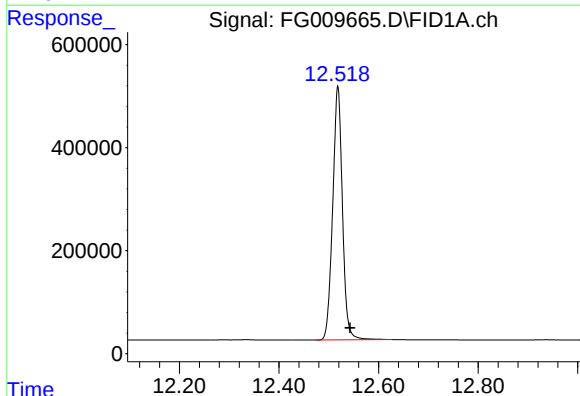
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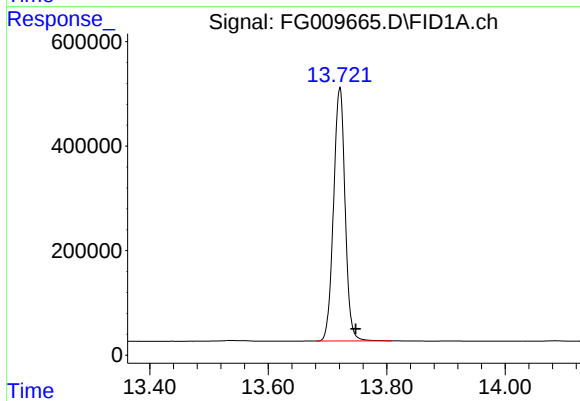
#6 N-OCTADECANE

R.T.: 11.203 min
Delta R.T.: -0.024 min
Response: 6928736
Conc: 44.04 ug/ml



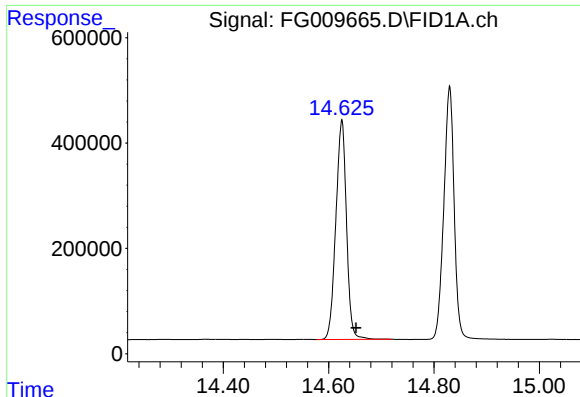
#7 N-EICOSANE

R.T.: 12.518 min
Delta R.T.: -0.025 min
Response: 6691580
Conc: 44.18 ug/ml



#8 N-DOCOSANE

R.T.: 13.721 min
Delta R.T.: -0.027 min
Response: 6573646
Conc: 44.54 ug/ml



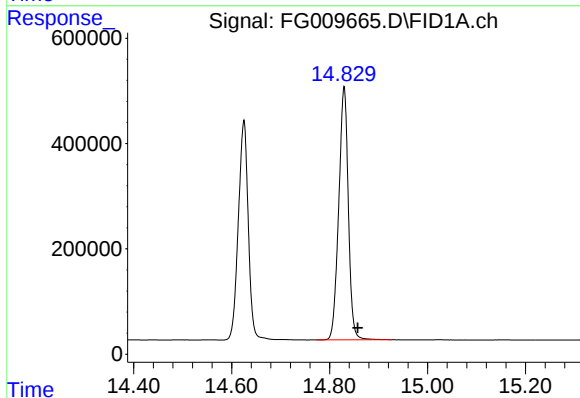
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.625 min
Delta R.T.: -0.027 min
Response: 5850749
Conc: 45.42 ug/ml

Instrument :
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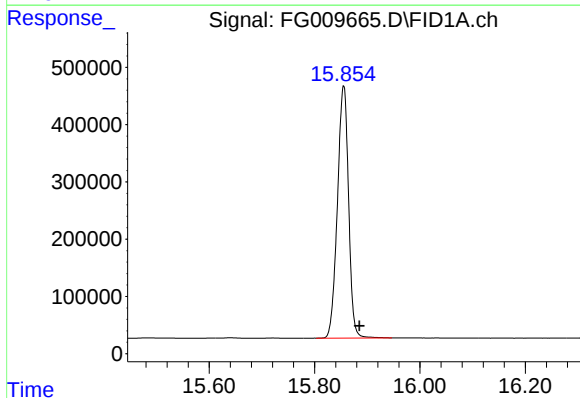
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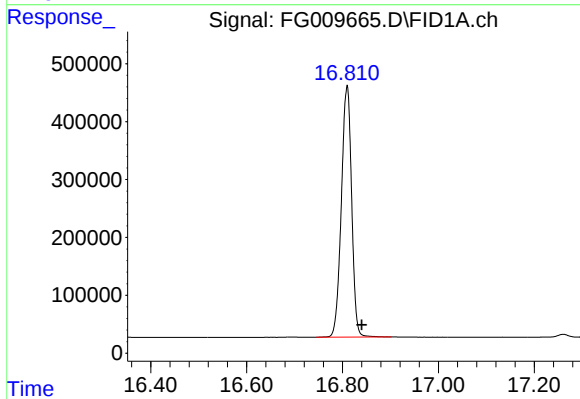
#10 N-TETRACOSANE

R.T.: 14.830 min
Delta R.T.: -0.028 min
Response: 6530536
Conc: 45.55 ug/ml



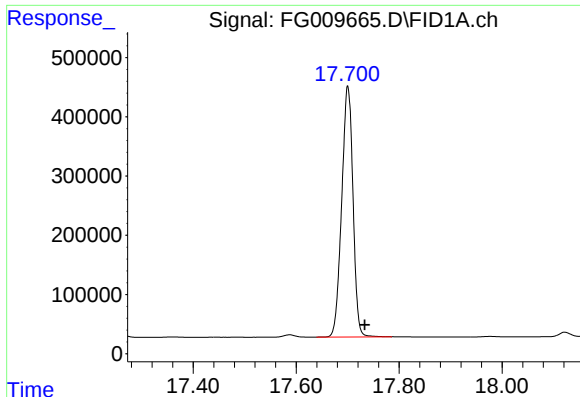
#11 N-HEXACOSANE

R.T.: 15.855 min
Delta R.T.: -0.030 min
Response: 6471985
Conc: 47.11 ug/ml



#12 N-OCTACOSANE

R.T.: 16.810 min
Delta R.T.: -0.031 min
Response: 6454657
Conc: 49.46 ug/ml



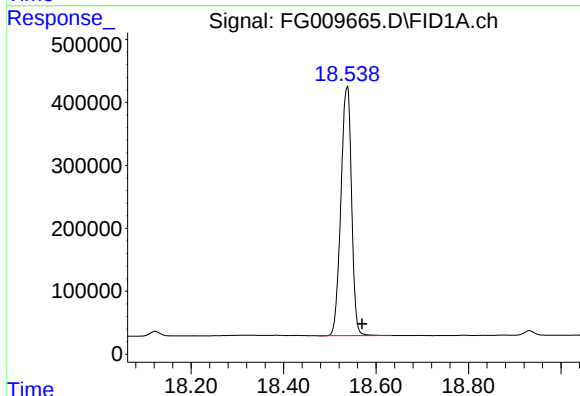
#13 N-TRIACONTANE

R.T.: 17.700 min
Delta R.T.: -0.033 min
Response: 6447007
Conc: 52.21 ug/ml

Instrument :
FID_G
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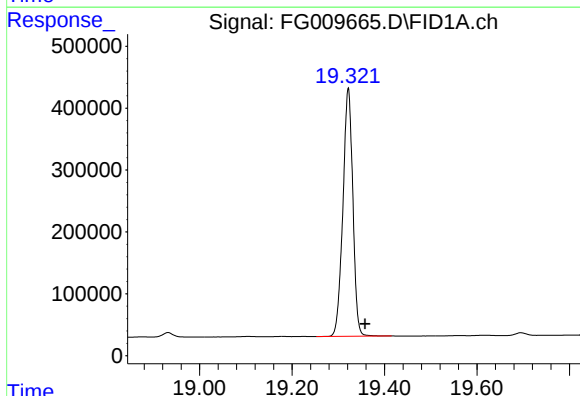
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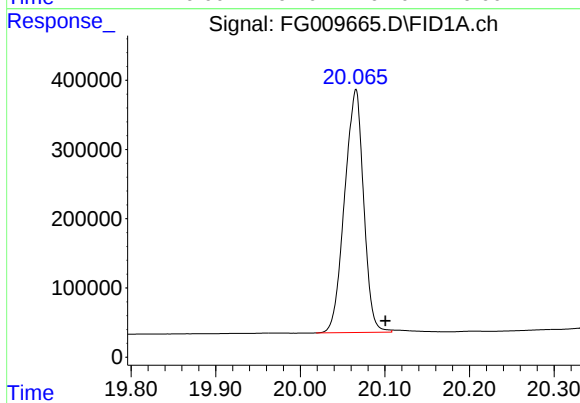
#14 N-DOTRIACONTANE

R.T.: 18.538 min
Delta R.T.: -0.032 min
Response: 6342684
Conc: 54.64 ug/ml



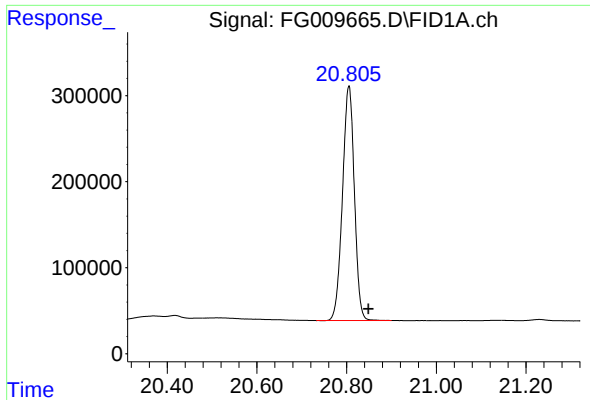
#15 N-TETRATRIACONTANE

R.T.: 19.322 min
Delta R.T.: -0.036 min
Response: 5984481
Conc: 56.28 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.065 min
Delta R.T.: -0.035 min
Response: 5484132
Conc: 57.92 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.805 min
Delta R.T.: -0.043 min
Response: 5024058
Conc: 58.34 ug/ml

Instrument :

FID_G

ClientSampleId :

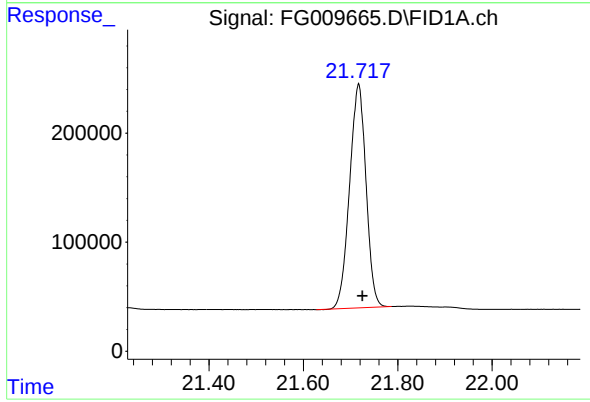
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#18 N-TETRACONTANE

R.T.: 21.717 min
Delta R.T.: -0.008 min
Response: 4958573
Conc: 57.45 ug/ml