

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100923\
 Data File : FG013039.D
 Signal(s) : FID1A.ch
 Acq On : 09 Oct 2023 10:24
 Operator : YP\AJ
 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 10/09/2023
 Supervised By :Ankita Jodhani 10/10/2023

Integration File: autoint1.e
 Quant Time: Oct 09 11:17:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG092123.M
 Quant Title :
 QLast Update : Fri Sep 22 02:14:31 2023
 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...	15.096	6253327	55.179 ug/ml
Target Compounds			
1) N-OCTANE	2.077	6233723	55.745 ug/ml
2) N-DECANE	4.602	6820197	59.263 ug/ml
3) N-DODECANE	6.778	6964971	59.315 ug/ml
4) N-TETRADECANE	8.613	6960843	58.930 ug/ml
5) N-HEXADECANE	10.227	7064495	58.394 ug/ml
6) N-OCTADECANE	11.675	7034466	57.645 ug/ml
7) N-EICOSANE	12.990	6938729	56.673 ug/ml
8) N-DOCOSANE	14.194	6656364	55.846 ug/ml
10) N-TETRACOSANE	15.300	6602682	55.095 ug/ml
11) N-HEXACOSANE	16.325	6450654	54.481 ug/ml
12) N-OCTACOSANE	17.276	6385322	54.549 ug/ml
13) N-TRIACONTANE	18.166	6398036	55.424 ug/ml
14) N-DOTRIACONTANE	19.000	6216286	55.893 ug/ml
15) N-TETRATRIACONTANE	19.784	5489849	58.131 ug/ml
16) N-HEXATRIACONTANE	20.524	4564311	61.769 ug/ml
17) N-OCTATRIACONTANE	21.283	4219312	63.685 ug/mlm
18) N-TETRACONTANE	22.239	4289284	68.021 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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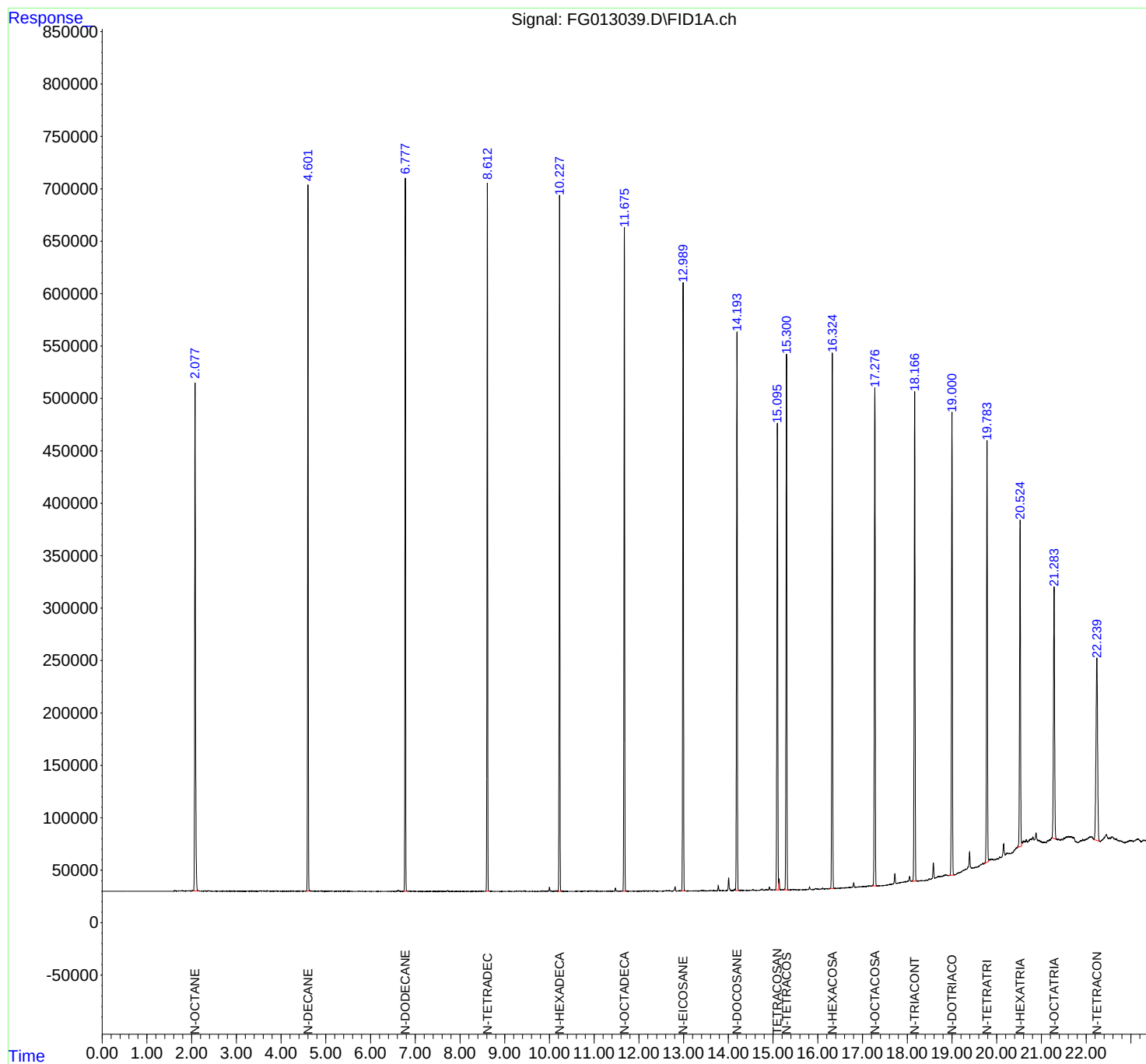
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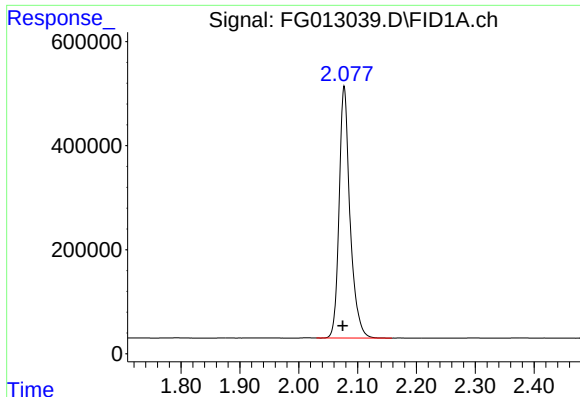
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#1 N-OCTANE

R.T.: 2.077 min
Delta R.T.: 0.002 min
Response: 6233723
Conc: 55.75 ug/ml

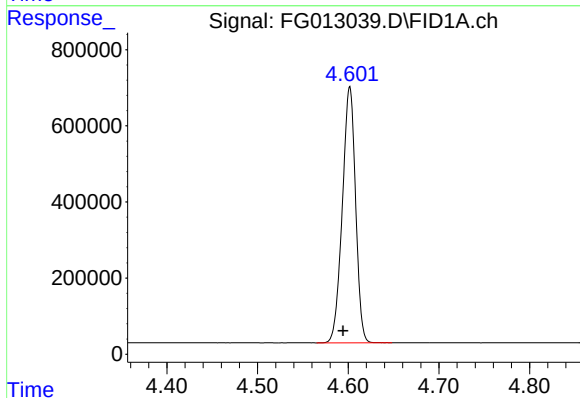
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

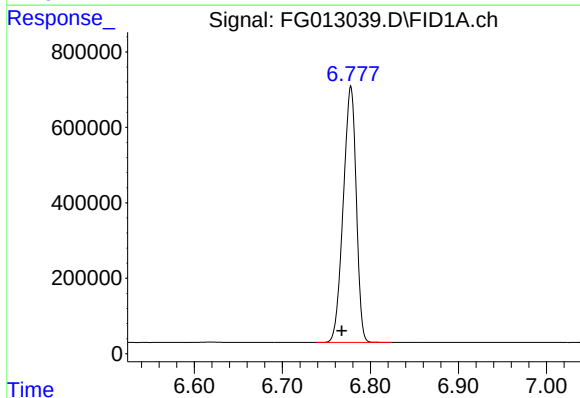
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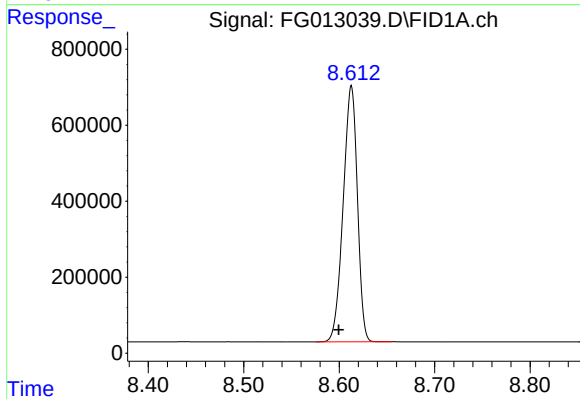
#2 N-DECANE

R.T.: 4.602 min
Delta R.T.: 0.007 min
Response: 6820197
Conc: 59.26 ug/ml



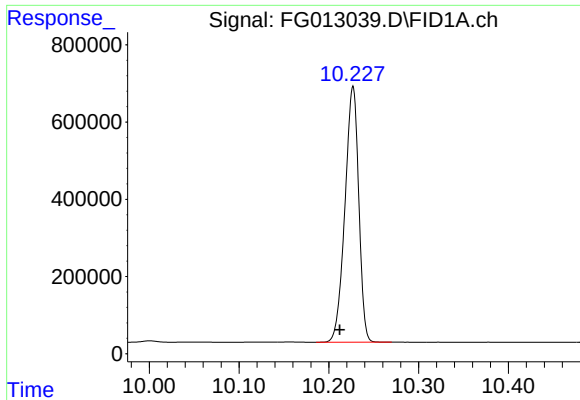
#3 N-DODECANE

R.T.: 6.778 min
Delta R.T.: 0.010 min
Response: 6964971
Conc: 59.31 ug/ml



#4 N-TETRADECANE

R.T.: 8.613 min
Delta R.T.: 0.013 min
Response: 6960843
Conc: 58.93 ug/ml



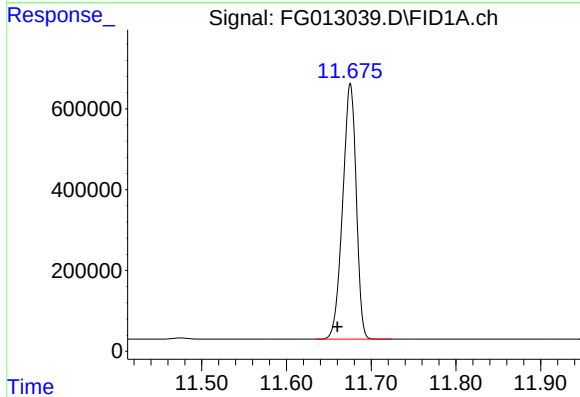
#5 N-HEXADECANE

R.T.: 10.227 min
Delta R.T.: 0.015 min
Response: 7064495
Conc: 58.39 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

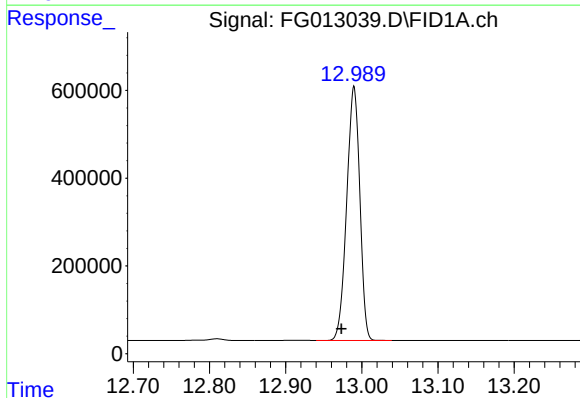
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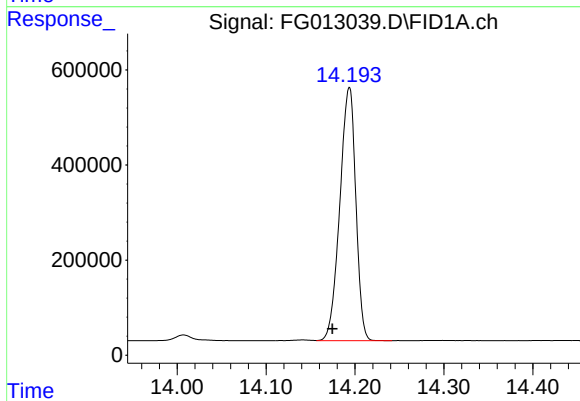
#6 N-OCTADECANE

R.T.: 11.675 min
Delta R.T.: 0.015 min
Response: 7034466
Conc: 57.65 ug/ml



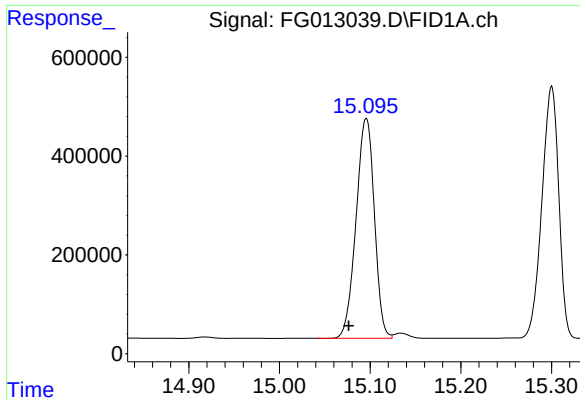
#7 N-EICOSANE

R.T.: 12.990 min
Delta R.T.: 0.017 min
Response: 6938729
Conc: 56.67 ug/ml



#8 N-DOCOSANE

R.T.: 14.194 min
Delta R.T.: 0.019 min
Response: 6656364
Conc: 55.85 ug/ml



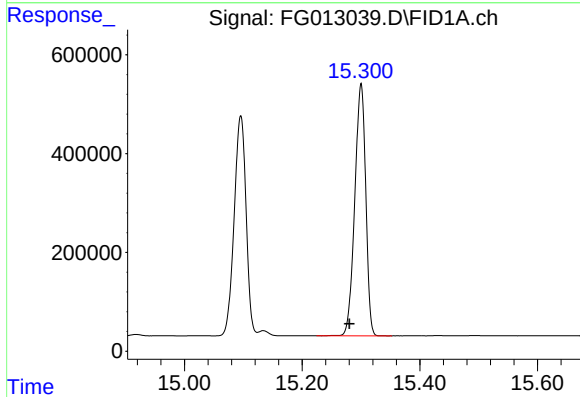
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.096 min
Delta R.T.: 0.019 min
Response: 6253327
Conc: 55.18 ug/ml

Instrument :
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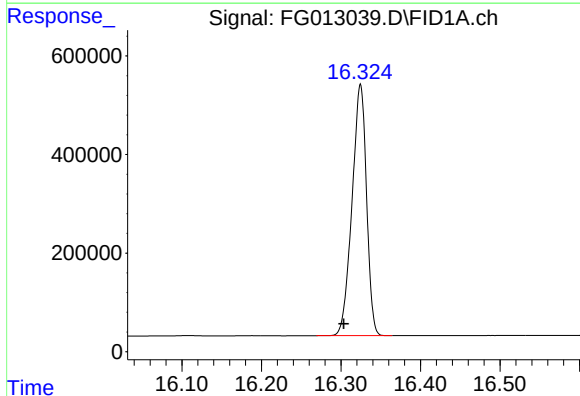
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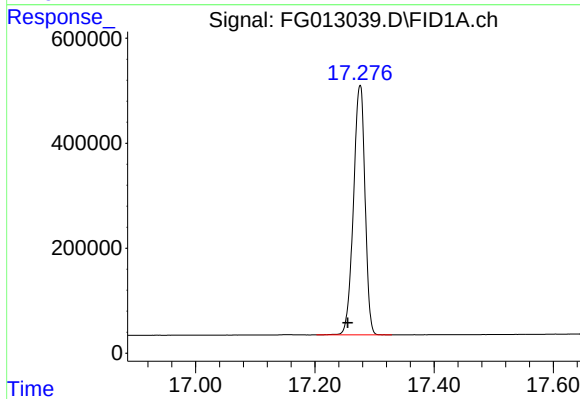
#10 N-TETRACOSANE

R.T.: 15.300 min
Delta R.T.: 0.020 min
Response: 6602682
Conc: 55.09 ug/ml



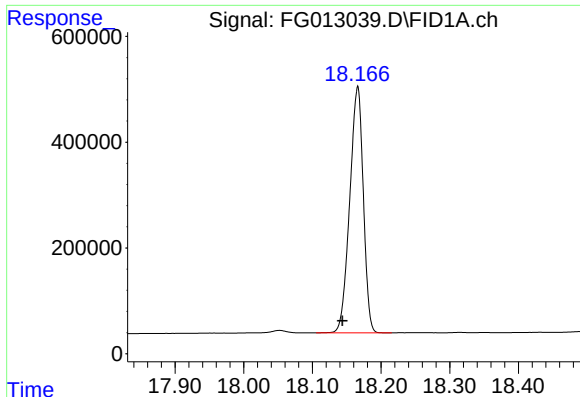
#11 N-HEXACOSANE

R.T.: 16.325 min
Delta R.T.: 0.021 min
Response: 6450654
Conc: 54.48 ug/ml



#12 N-OCTACOSANE

R.T.: 17.276 min
Delta R.T.: 0.021 min
Response: 6385322
Conc: 54.55 ug/ml



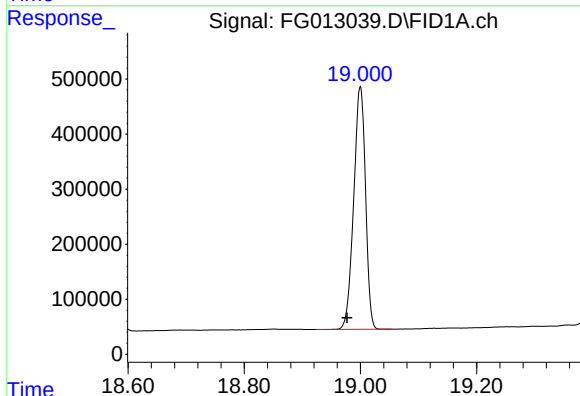
#13 N-TRIACONTANE

R.T.: 18.166 min
Delta R.T.: 0.022 min
Response: 6398036
Conc: 55.42 ug/ml

Instrument :
FID_G
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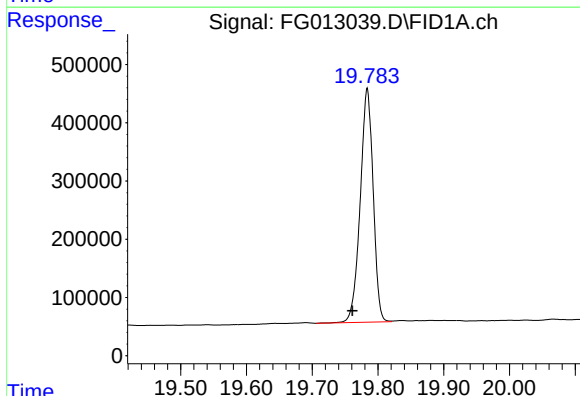
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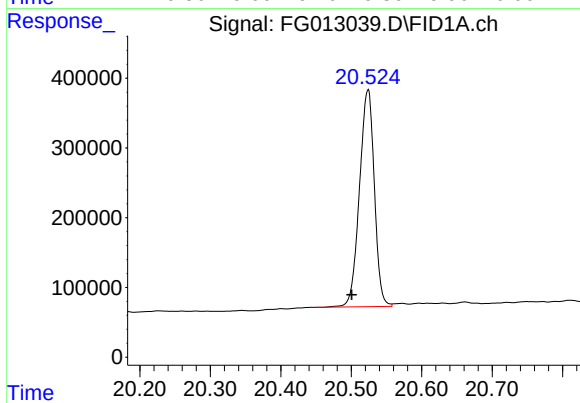
#14 N-DOTRIACONTANE

R.T.: 19.000 min
Delta R.T.: 0.023 min
Response: 6216286
Conc: 55.89 ug/ml



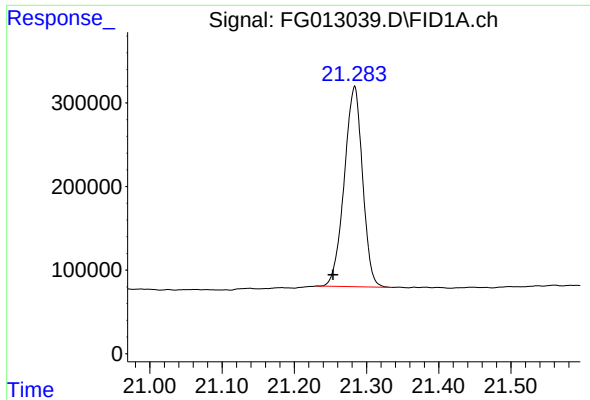
#15 N-TETRATRIACONTANE

R.T.: 19.784 min
Delta R.T.: 0.023 min
Response: 5489849
Conc: 58.13 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.524 min
Delta R.T.: 0.023 min
Response: 4564311
Conc: 61.77 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.283 min
Delta R.T.: 0.029 min
Response: 4219312
Conc: 63.68 ug/ml

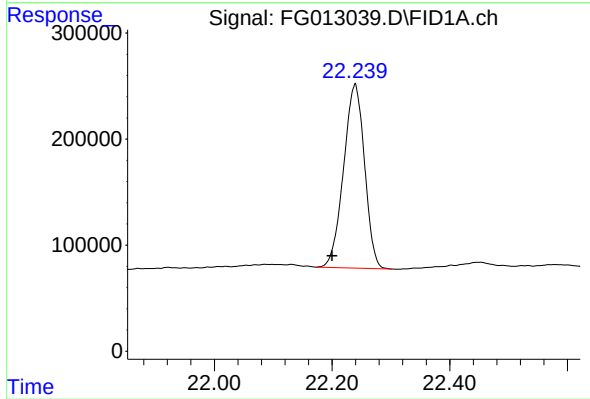
Instrument :

FID_G

ClientSampleId :
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#18 N-TETRACONTANE

R.T.: 22.239 min
Delta R.T.: 0.039 min
Response: 4289284
Conc: 68.02 ug/ml m