

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG110124\
 Data File : FG014632.D
 Signal(s) : FID1A.ch
 Acq On : 01 Nov 2024 21:22
 Operator : YP\AJ
 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 11/04/2024
 Supervised By :Ankita Jodhani 11/04/2024

Integration File: autoint1.e
 Quant Time: Nov 04 01:31:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG102124.M
 Quant Title :
 QLast Update : Mon Oct 21 17:03:32 2024
 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...	15.055	6324210	52.876 ug/mlm
Target Compounds			
1) N-OCTANE	2.064	6143515	50.942 ug/ml
2) N-DECANE	4.581	7259204	58.628 ug/ml
3) N-DODECANE	6.753	7351063	58.327 ug/ml
4) N-TETRADECANE	8.584	7358523	57.268 ug/ml
5) N-HEXADECANE	10.196	7355476	56.489 ug/ml
6) N-OCTADECANE	11.642	7438886	55.438 ug/ml
7) N-EICOSANE	12.955	7456496	54.691 ug/ml
8) N-DOCOSANE	14.156	7161442	53.943 ug/ml
10) N-TETRACOSANE	15.261	7071329	53.050 ug/ml
11) N-HEXACOSANE	16.282	6942593	52.159 ug/ml
12) N-OCTACOSANE	17.233	6951064	52.416 ug/ml
13) N-TRIACONTANE	18.122	7329928	54.755 ug/ml
14) N-DOTRIACONTANE	18.956	7395987	55.919 ug/ml
15) N-TETRATRIACONTANE	19.741	6979145	55.250 ug/ml
16) N-HEXATRIACONTANE	20.479	6423052	55.498 ug/ml
17) N-OCTATRIACONTANE	21.231	5974132	56.459 ug/ml
18) N-TETRACONTANE	22.176	5732102	60.341 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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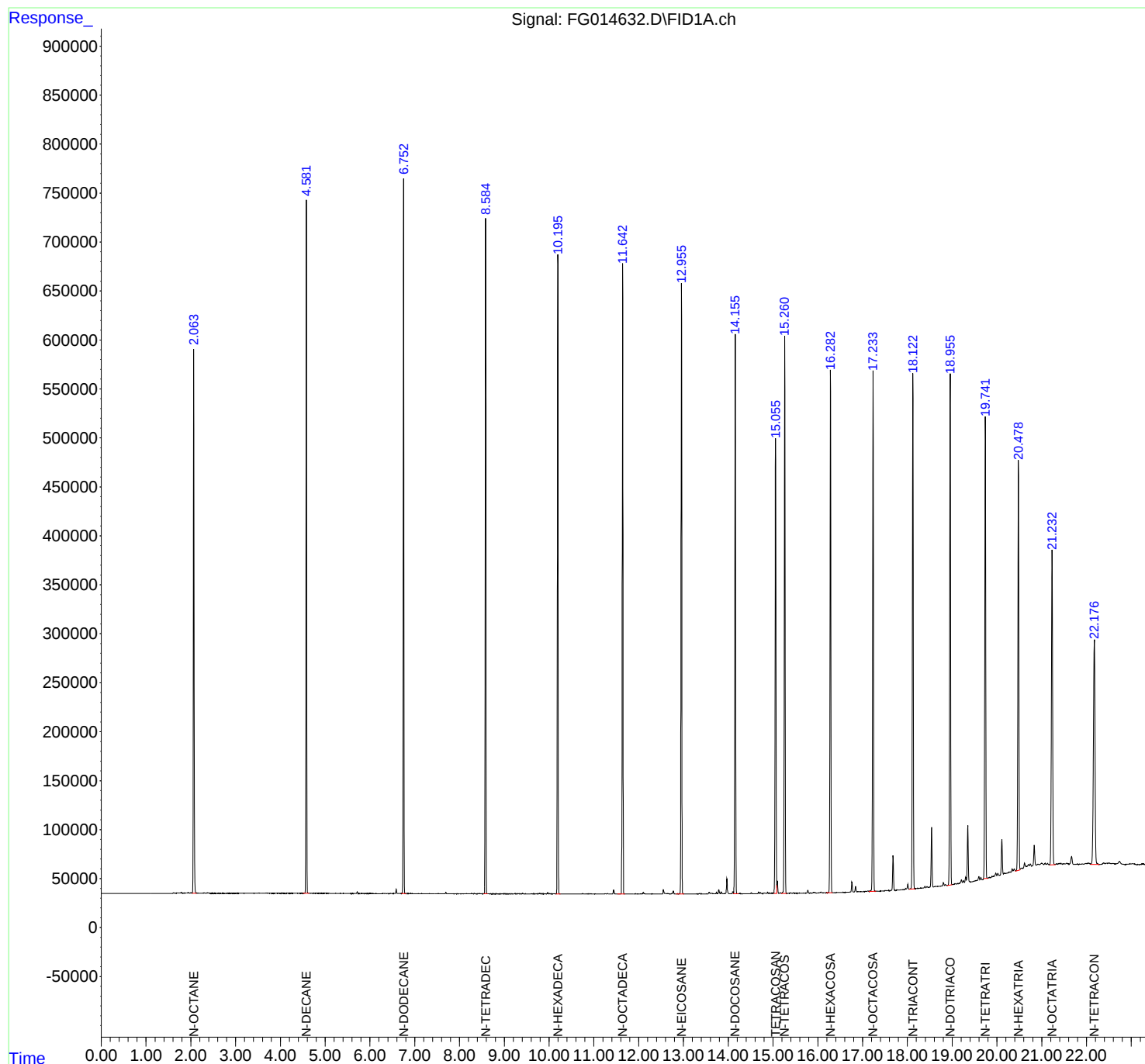
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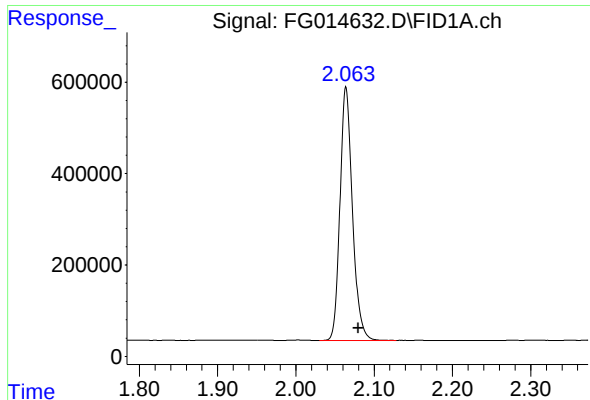
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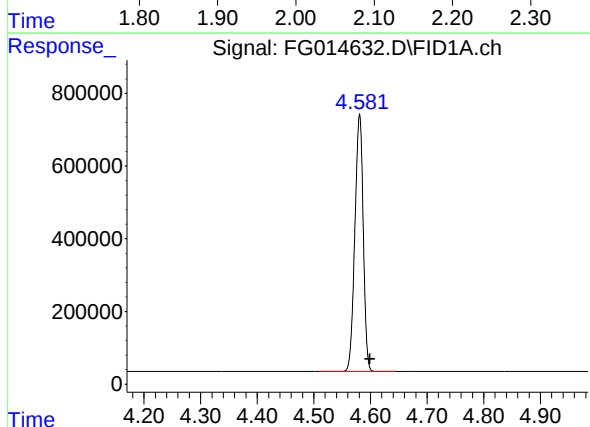
#1 N-OCTANE

R.T.: 2.064 min
Delta R.T.: -0.016 min
Response: 6143515
Conc: 50.94 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

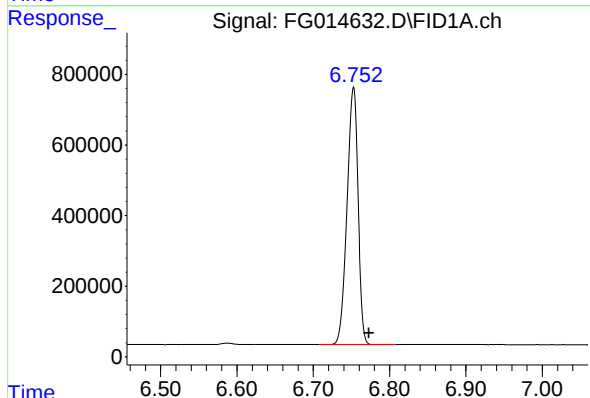
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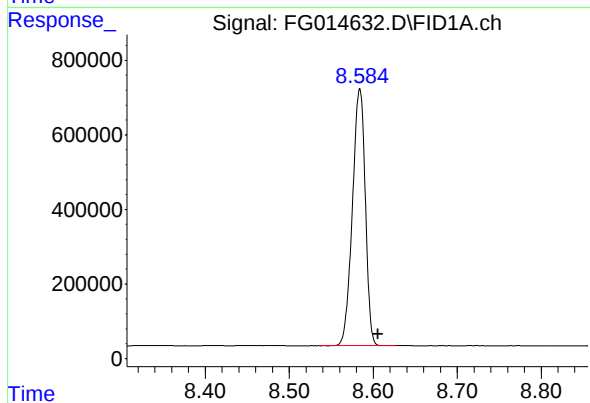
#2 N-DECANE

R.T.: 4.581 min
Delta R.T.: -0.019 min
Response: 7259204
Conc: 58.63 ug/ml



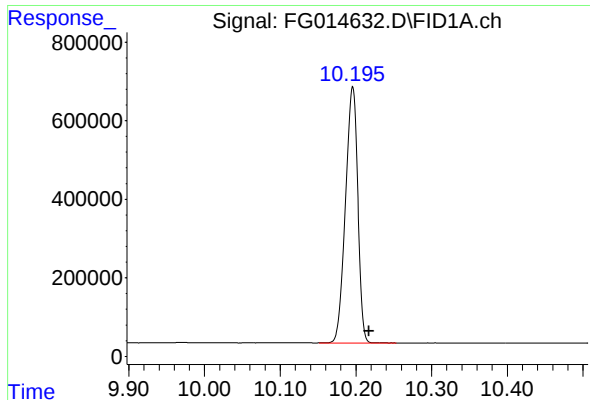
#3 N-DODECANE

R.T.: 6.753 min
Delta R.T.: -0.020 min
Response: 7351063
Conc: 58.33 ug/ml



#4 N-TETRADECANE

R.T.: 8.584 min
Delta R.T.: -0.022 min
Response: 7358523
Conc: 57.27 ug/ml



#5 N-HEXADECANE

R.T.: 10.196 min
Delta R.T.: -0.021 min
Response: 7355476
Conc: 56.49 ug/ml

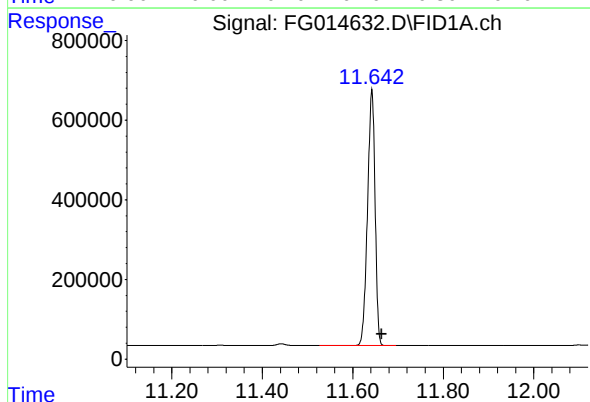
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

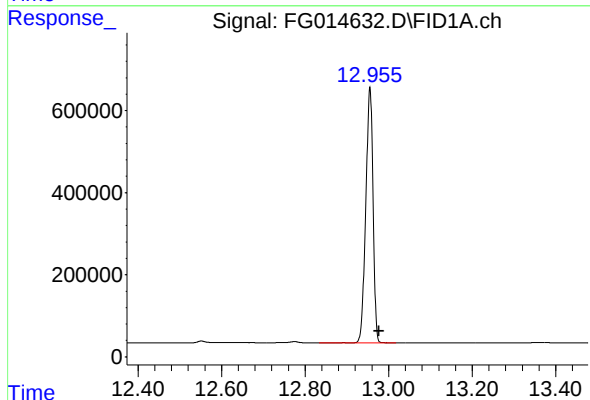
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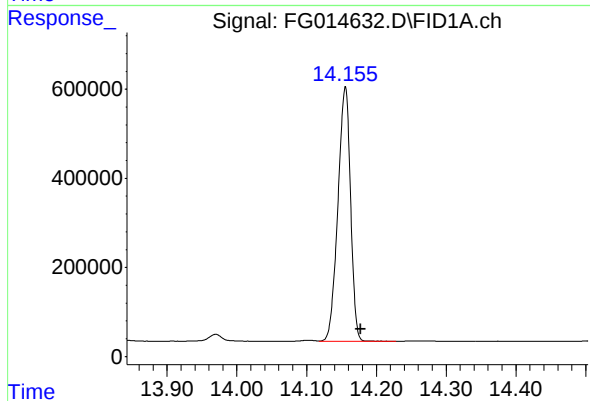
#6 N-OCTADECANE

R.T.: 11.642 min
Delta R.T.: -0.021 min
Response: 7438886
Conc: 55.44 ug/ml



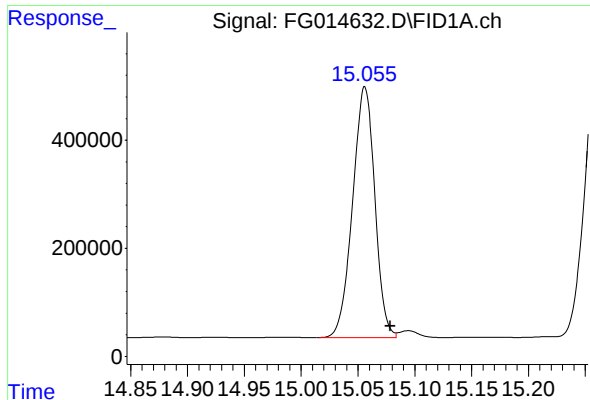
#7 N-EICOSANE

R.T.: 12.955 min
Delta R.T.: -0.022 min
Response: 7456496
Conc: 54.69 ug/ml



#8 N-DOCOSANE

R.T.: 14.156 min
Delta R.T.: -0.022 min
Response: 7161442
Conc: 53.94 ug/ml



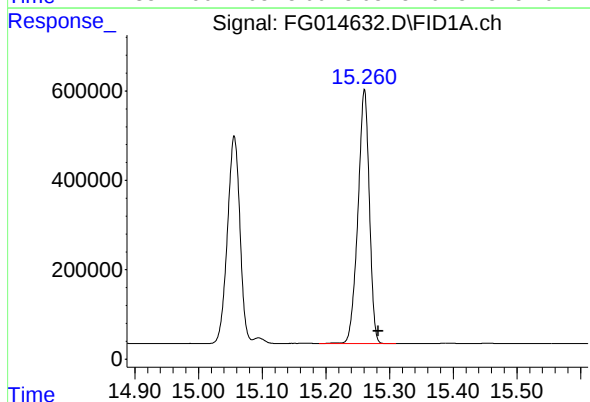
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.055 min
Delta R.T.: -0.023 min
Response: 6324210
Conc: 52.88 ug/ml

Instrument :
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50 PPM TRPH STD

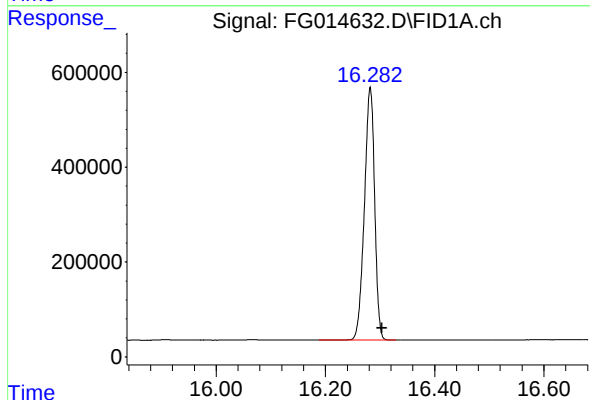
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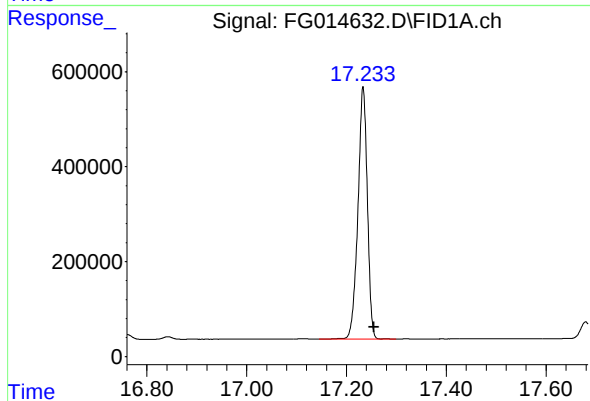
#10 N-TETRACOSANE

R.T.: 15.261 min
Delta R.T.: -0.022 min
Response: 7071329
Conc: 53.05 ug/ml



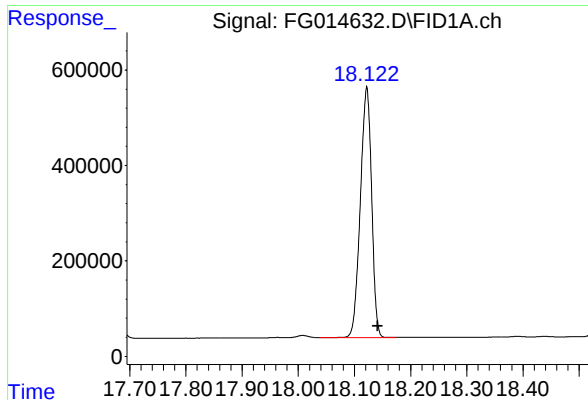
#11 N-HEXACOSANE

R.T.: 16.282 min
Delta R.T.: -0.022 min
Response: 6942593
Conc: 52.16 ug/ml



#12 N-OCTACOSANE

R.T.: 17.233 min
Delta R.T.: -0.022 min
Response: 6951064
Conc: 52.42 ug/ml



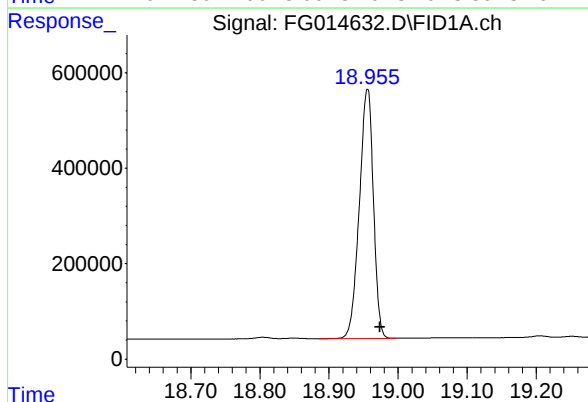
#13 N-TRIACONTANE

R.T.: 18.122 min
Delta R.T.: -0.019 min
Response: 7329928
Conc: 54.75 ug/ml

Instrument :
FID_G
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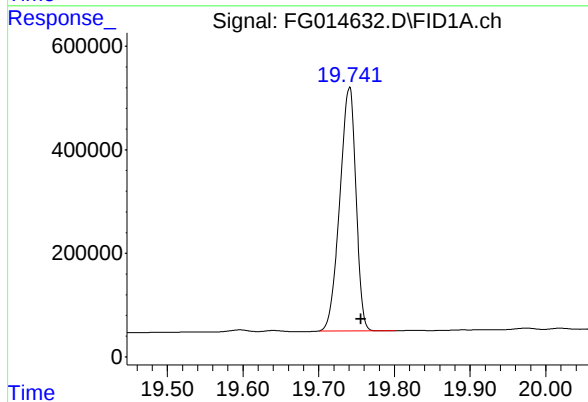
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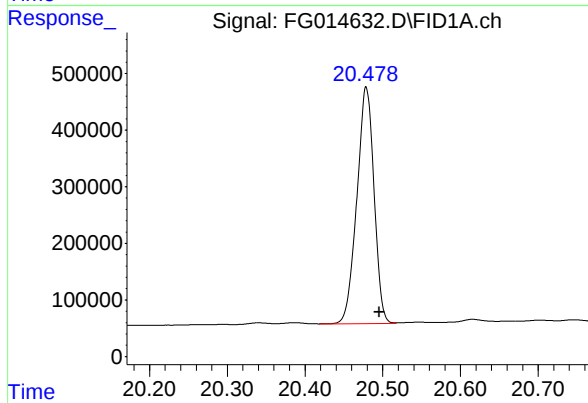
#14 N-DOTRIACONTANE

R.T.: 18.956 min
Delta R.T.: -0.018 min
Response: 7395987
Conc: 55.92 ug/ml



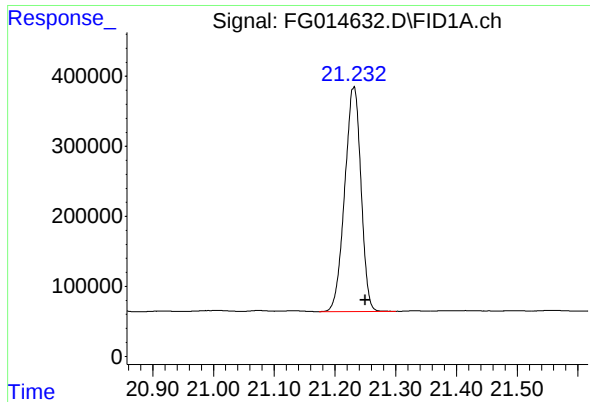
#15 N-TETRATRIACONTANE

R.T.: 19.741 min
Delta R.T.: -0.015 min
Response: 6979145
Conc: 55.25 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.479 min
Delta R.T.: -0.017 min
Response: 6423052
Conc: 55.50 ug/ml



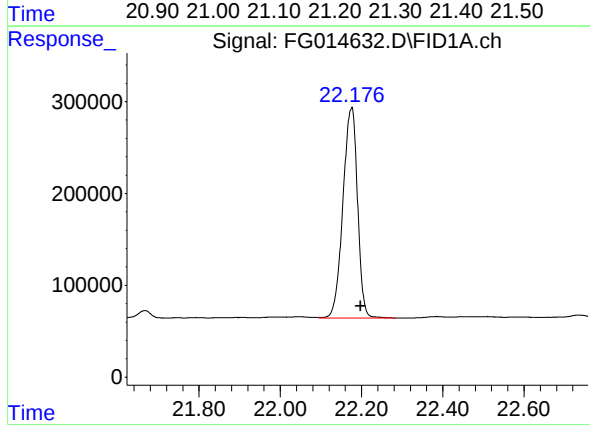
#17 N-OCTATRIACONTANE

R.T.: 21.231 min
Delta R.T.: -0.019 min
Response: 5974132
Conc: 56.46 ug/ml

Instrument :
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#18 N-TETRACONTANE

R.T.: 22.176 min
Delta R.T.: -0.022 min
Response: 5732102
Conc: 60.34 ug/ml