

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG080224\
 Data File : FG014052.D
 Signal(s) : FID1A.ch
 Acq On : 02 Aug 2024 21:29
 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 08/05/2024
 Supervised By :Ankita Jodhani 08/05/2024

Integration File: autoint1.e
 Quant Time: Aug 03 01:57:15 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG072324.M
 Quant Title :
 QLast Update : Tue Jul 23 14:43:06 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...	14.951	6218720	51.409 ug/ml
Target Compounds			
1) N-OCTANE	1.961	6529712	54.267 ug/ml
2) N-DECANE	4.469	6716470	53.871 ug/ml
3) N-DODECANE	6.643	6929886	52.520 ug/ml
4) N-TETRADECANE	8.476	6798232	51.994 ug/ml
5) N-HEXADECANE	10.087	6950821	52.152 ug/ml
6) N-OCTADECANE	11.534	7078762	51.799 ug/ml
7) N-EICOSANE	12.847	6947143	51.980 ug/ml
8) N-DOCOSANE	14.049	6792400	51.599 ug/ml
10) N-TETRACOSANE	15.156	6754399	51.745 ug/ml
11) N-HEXACOSANE	16.179	6653384	51.800 ug/ml
12) N-OCTACOSANE	17.132	6660037	52.509 ug/ml
13) N-TRIACONTANE	18.021	6752502	53.680 ug/ml
14) N-DOTRIACONTANE	18.856	6626336	54.308 ug/ml
15) N-TETRATRIACONTANE	19.642	5514368	54.787 ug/ml
16) N-HEXATRIACONTANE	20.381	4625174	55.354 ug/mlm
17) N-OCTATRIACONTANE	21.115	4044634	54.228 ug/ml
18) N-TETRACONTANE	22.015	3902598	56.314 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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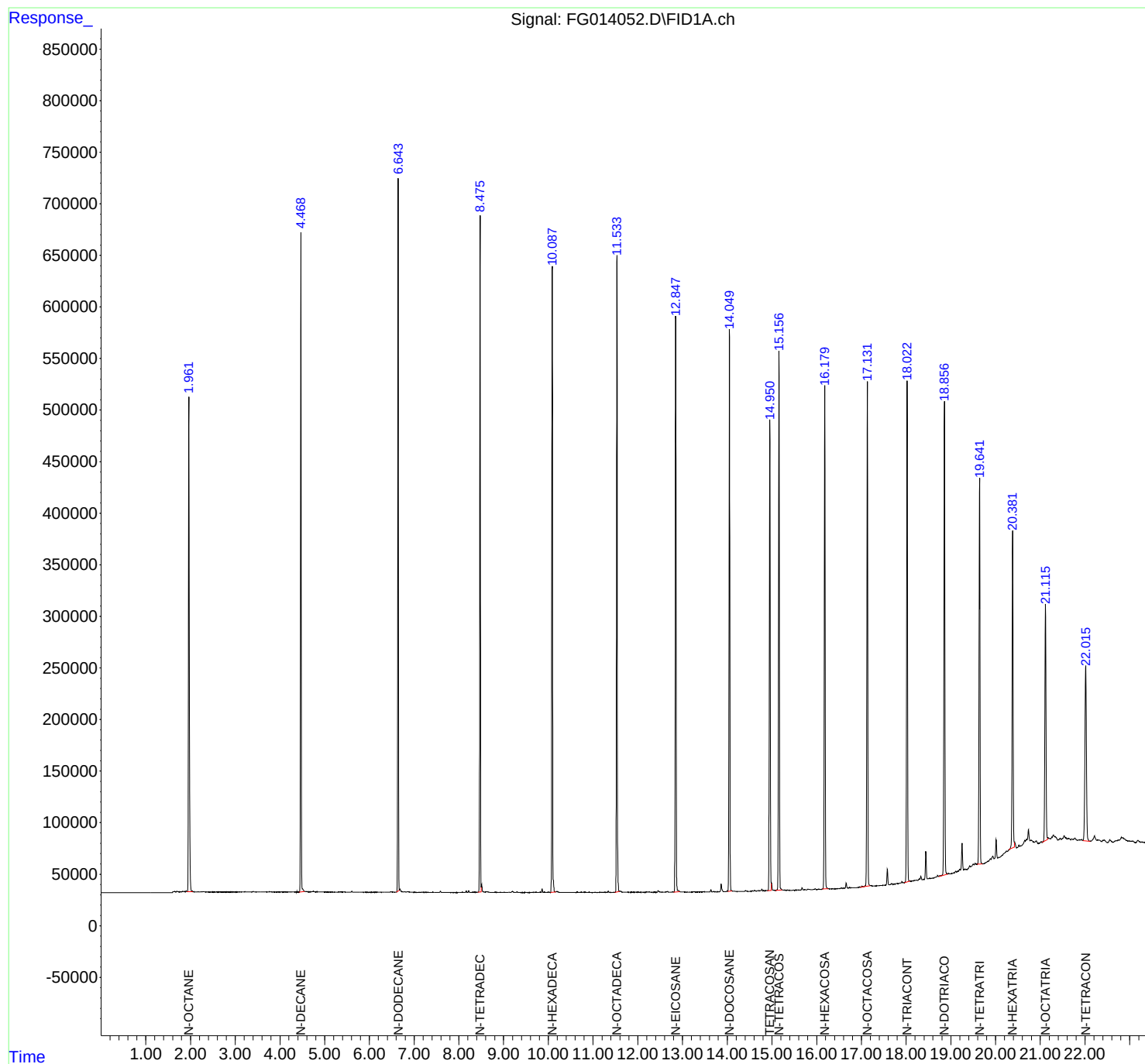
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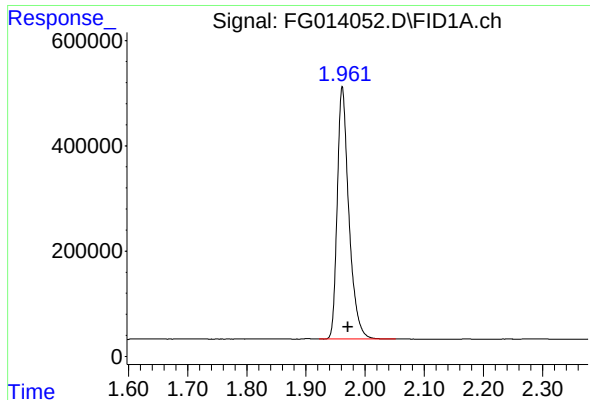
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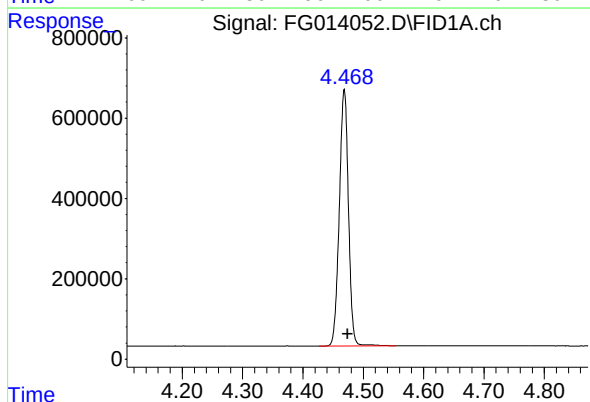
#1 N-OCTANE

R.T.: 1.961 min
Delta R.T.: -0.010 min
Response: 6529712
Conc: 54.27 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

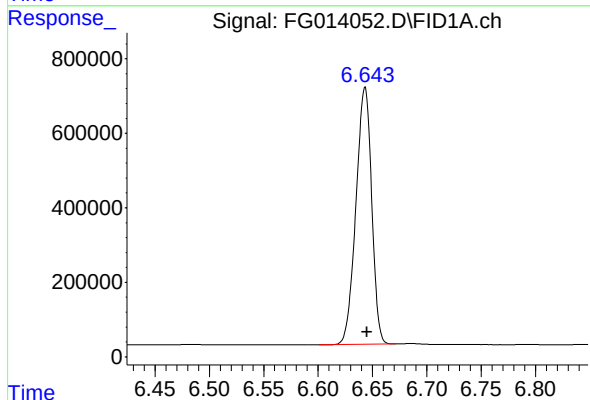
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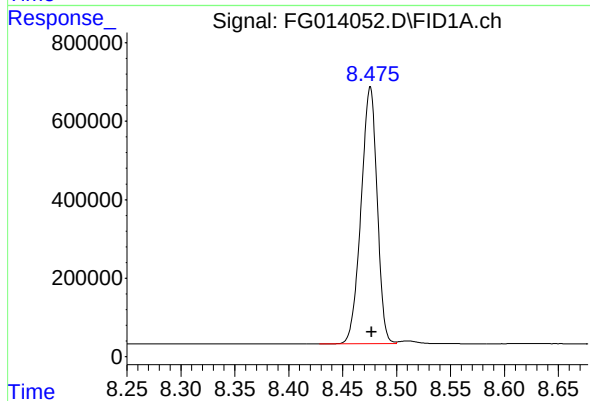
#2 N-DECANE

R.T.: 4.469 min
Delta R.T.: -0.006 min
Response: 6716470
Conc: 53.87 ug/ml



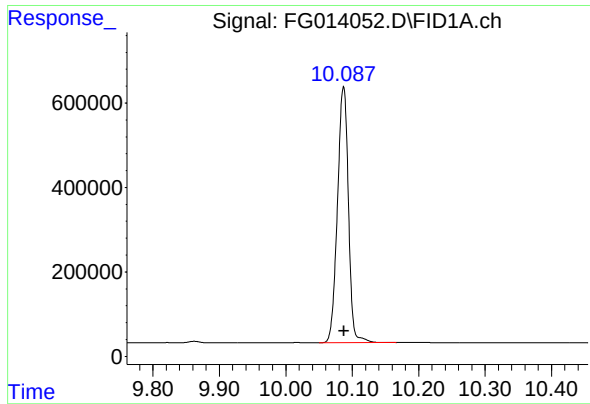
#3 N-DODECANE

R.T.: 6.643 min
Delta R.T.: -0.002 min
Response: 6929886
Conc: 52.52 ug/ml



#4 N-TETRADECANE

R.T.: 8.476 min
Delta R.T.: -0.001 min
Response: 6798232
Conc: 51.99 ug/ml



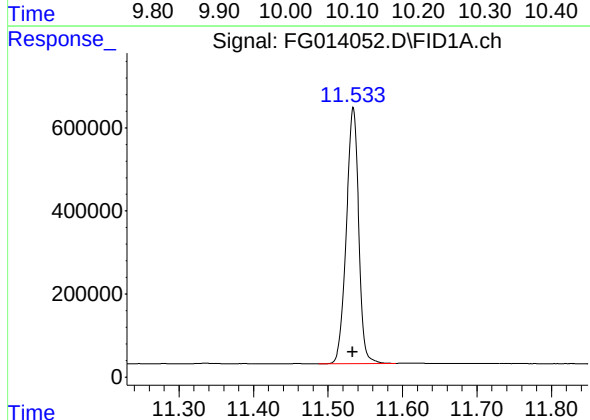
#5 N-HEXADECANE

R.T.: 10.087 min
Delta R.T.: 0.000 min
Response: 6950821
Conc: 52.15 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

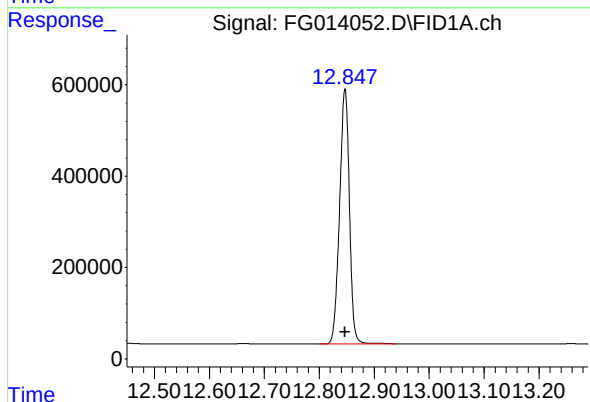
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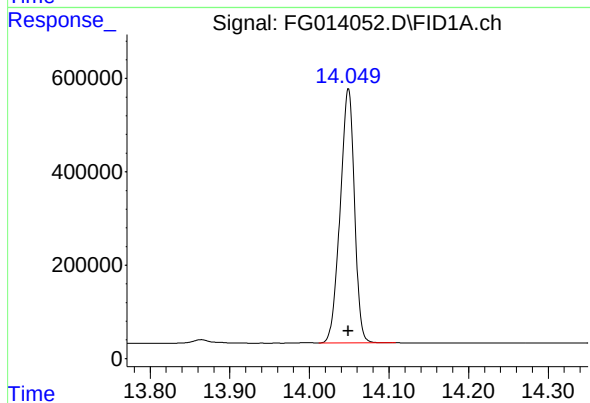
#6 N-OCTADECANE

R.T.: 11.534 min
Delta R.T.: 0.000 min
Response: 7078762
Conc: 51.80 ug/ml



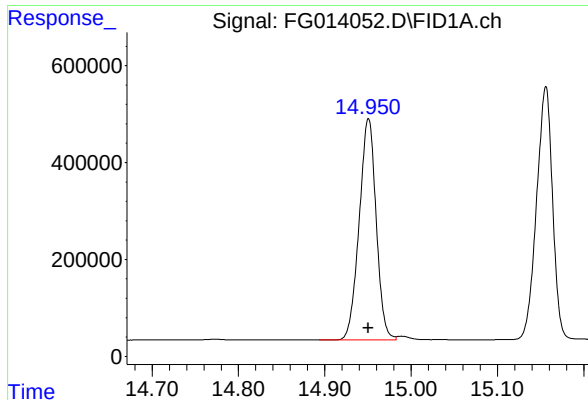
#7 N-EICOSANE

R.T.: 12.847 min
Delta R.T.: 0.000 min
Response: 6947143
Conc: 51.98 ug/ml



#8 N-DOCOSANE

R.T.: 14.049 min
Delta R.T.: 0.000 min
Response: 6792400
Conc: 51.60 ug/ml



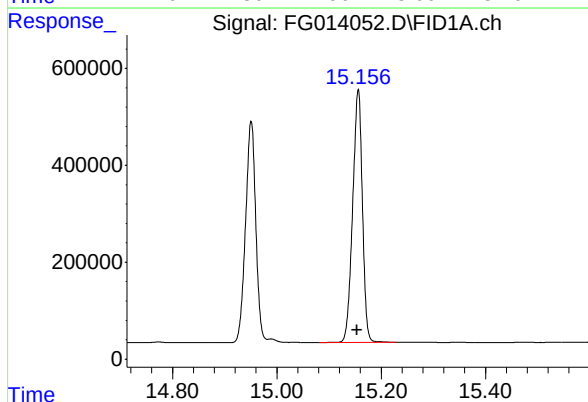
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.951 min
Delta R.T.: 0.000 min
Response: 6218720
Conc: 51.41 ug/ml

Instrument :
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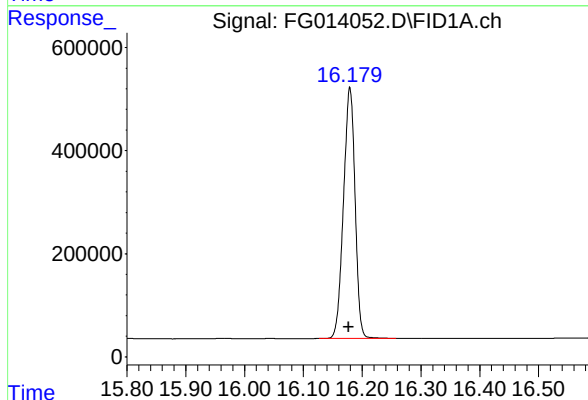
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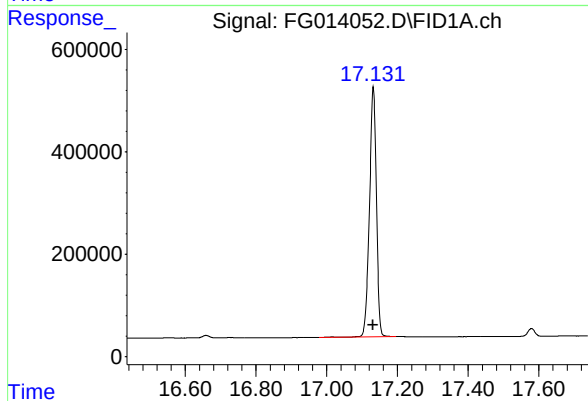
#10 N-TETRACOSANE

R.T.: 15.156 min
Delta R.T.: 0.003 min
Response: 6754399
Conc: 51.75 ug/ml



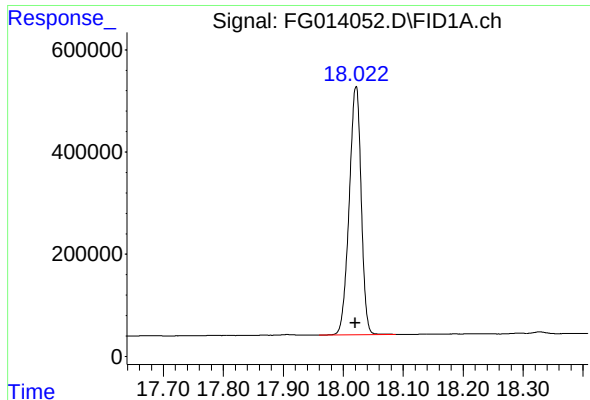
#11 N-HEXACOSANE

R.T.: 16.179 min
Delta R.T.: 0.002 min
Response: 6653384
Conc: 51.80 ug/ml



#12 N-OCTACOSANE

R.T.: 17.132 min
Delta R.T.: 0.001 min
Response: 6660037
Conc: 52.51 ug/ml



#13 N-TRIACONTANE

R.T.: 18.021 min
Delta R.T.: 0.001 min
Response: 6752502
Conc: 53.68 ug/ml

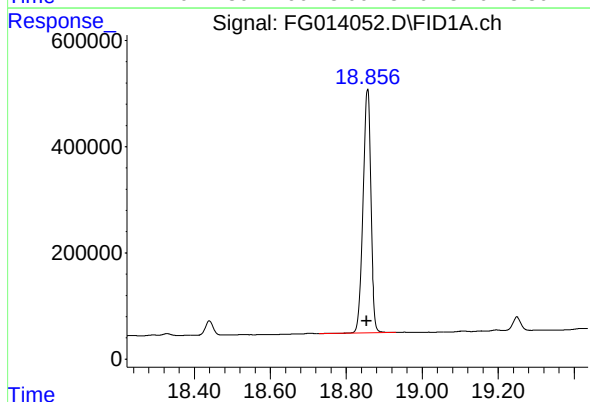
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

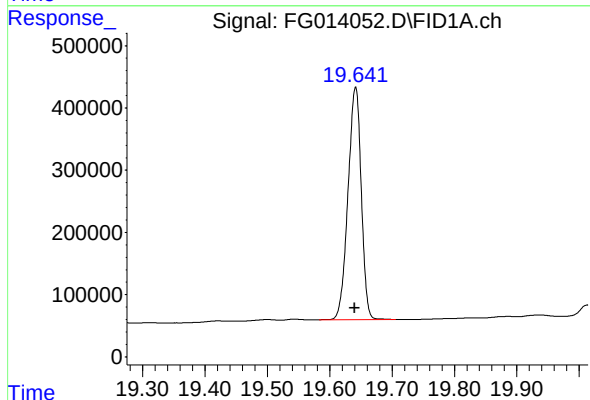
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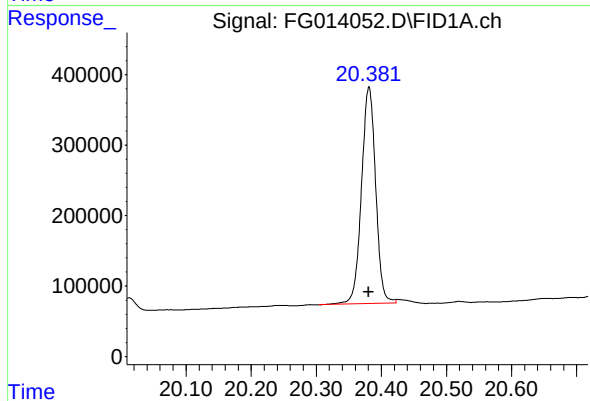
#14 N-DOTRIACONTANE

R.T.: 18.856 min
Delta R.T.: 0.002 min
Response: 6626336
Conc: 54.31 ug/ml



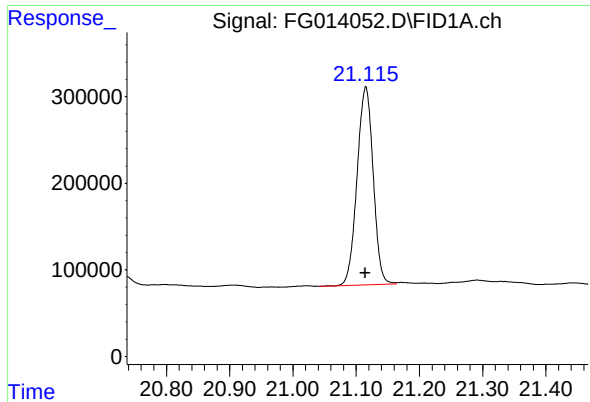
#15 N-TETRATRIACONTANE

R.T.: 19.642 min
Delta R.T.: 0.002 min
Response: 5514368
Conc: 54.79 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.381 min
Delta R.T.: 0.000 min
Response: 4625174
Conc: 55.35 ug/ml m



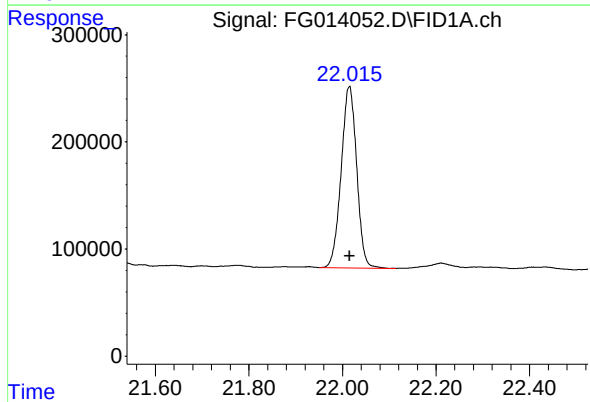
#17 N-OCTATRIACONTANE

R.T.: 21.115 min
Delta R.T.: 0.001 min
Response: 4044634
Conc: 54.23 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.015 min
Delta R.T.: 0.000 min
Response: 3902598
Conc: 56.31 ug/ml