

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121523\
 Data File : FG013293.D
 Signal(s) : FID1A.ch
 Acq On : 15 Dec 2023 17:33
 Operator : YP\AJ
 Sample : PB157816BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB157816BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/18/2023
 Supervised By :Ankita Jodhani 12/18/2023

Integration File: autoint1.e
 Quant Time: Dec 15 22:37:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120423.M
 Quant Title :
 QLast Update : Mon Dec 04 11:42:34 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...	15.081	2021918	18.834 ug/ml
Target Compounds			
1) N-OCTANE	2.060	2063632	16.917 ug/ml
2) N-DECANE	4.588	2273001	17.982 ug/ml
3) N-DODECANE	6.763	2312773	18.414 ug/ml
4) N-TETRADECANE	8.598	2269643	18.801 ug/ml
5) N-HEXADECANE	10.213	2299443	18.918 ug/ml
6) N-OCTADECANE	11.661	2301603	19.151 ug/ml
7) N-EICOSANE	12.976	2286881	19.353 ug/ml
8) N-DOCOSANE	14.179	2281134	20.111 ug/ml
10) N-TETRACOSANE	15.285	2250553	19.324 ug/ml
11) N-HEXACOSANE	16.310	2164625	19.437 ug/ml
12) N-OCTACOSANE	17.262	2189809	19.843 ug/ml
13) N-TRIACONTANE	18.151	2263080	20.606 ug/ml
14) N-DOTRIACONTANE	18.985	2293930	21.445 ug/mlm
15) N-TETRATRIACONTANE	19.771	1923960	20.480 ug/ml
16) N-HEXATRIACONTANE	20.510	1566188	20.196 ug/ml
17) N-OCTATRIACONTANE	21.268	1408693	20.384 ug/ml
18) N-TETRACONTANE	22.220	1413574	19.505 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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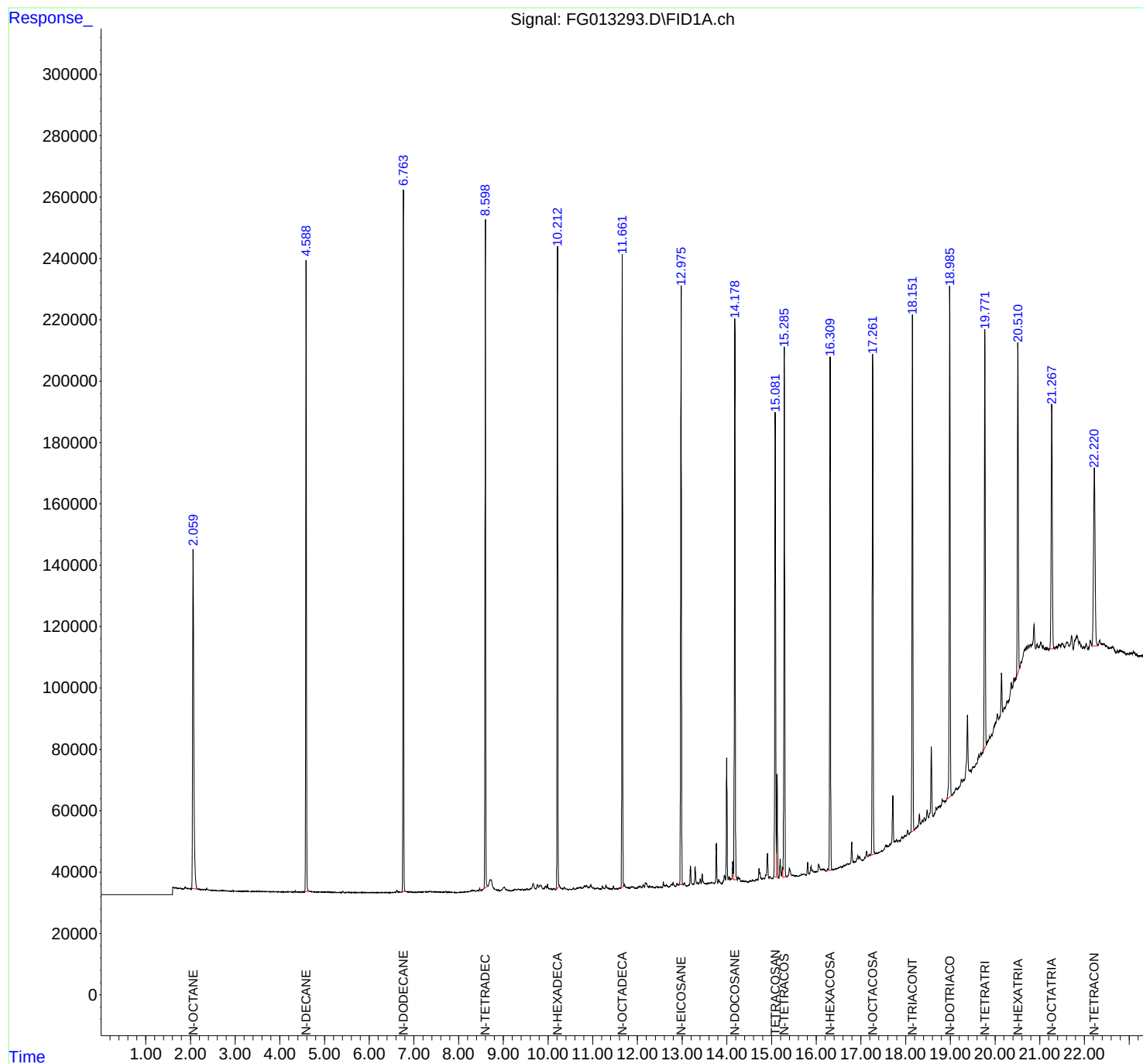
APPROVED

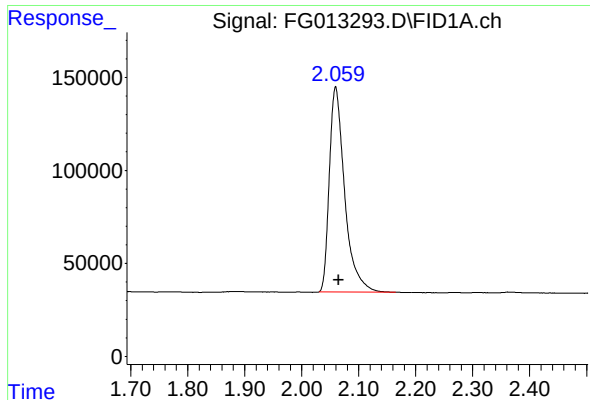
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Signal Info : 20mx0.18mmx0.18um





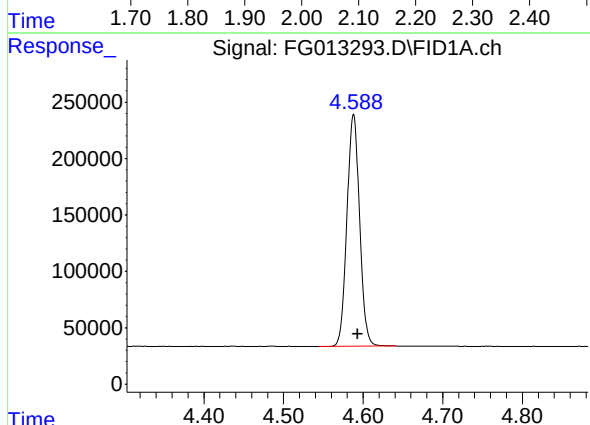
#1 N-OCTANE

R.T.: 2.060 min
Delta R.T.: -0.005 min
Response: 2063632
Conc: 16.92 ug/ml

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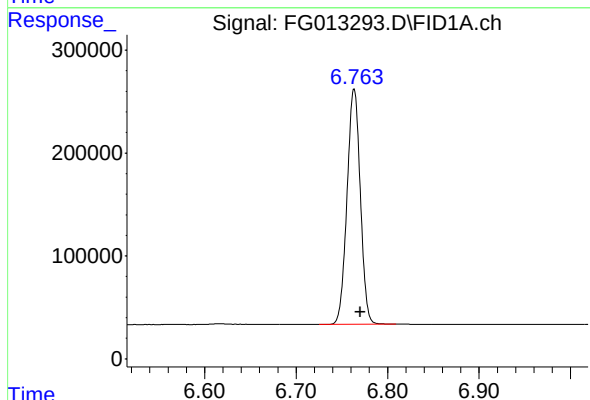
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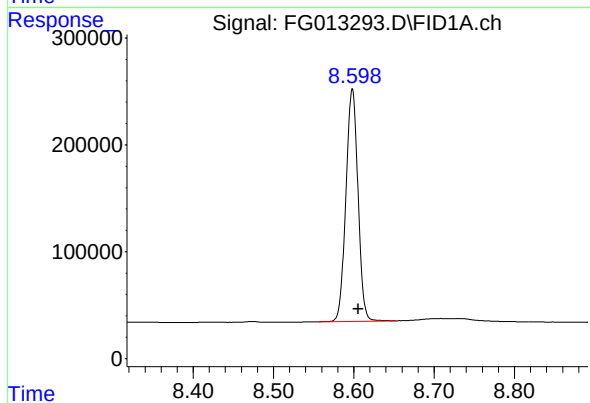
#2 N-DECANE

R.T.: 4.588 min
Delta R.T.: -0.005 min
Response: 2273001
Conc: 17.98 ug/ml



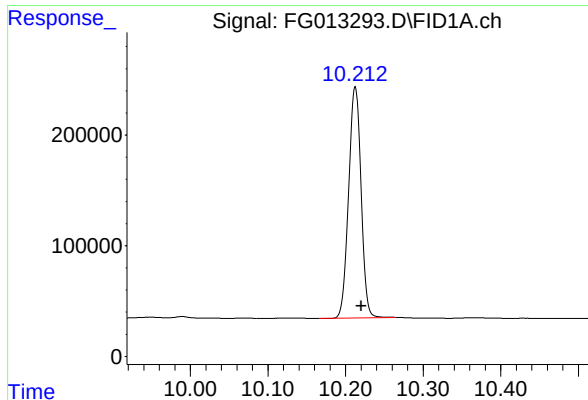
#3 N-DODECANE

R.T.: 6.763 min
Delta R.T.: -0.007 min
Response: 2312773
Conc: 18.41 ug/ml



#4 N-TETRADECANE

R.T.: 8.598 min
Delta R.T.: -0.008 min
Response: 2269643
Conc: 18.80 ug/ml



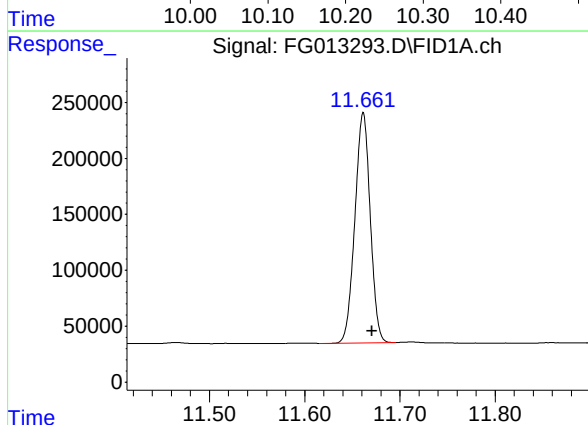
#5 N-HEXADECANE

R.T.: 10.213 min
Delta R.T.: -0.008 min
Response: 2299443
Conc: 18.92 ug/ml

Instrument :
FID_G
ClientSampleId :
PB157816BS

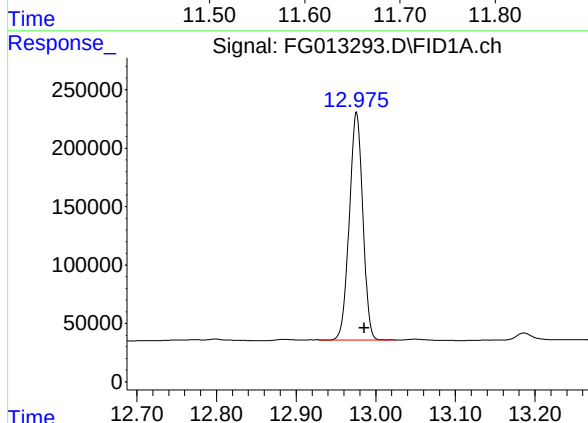
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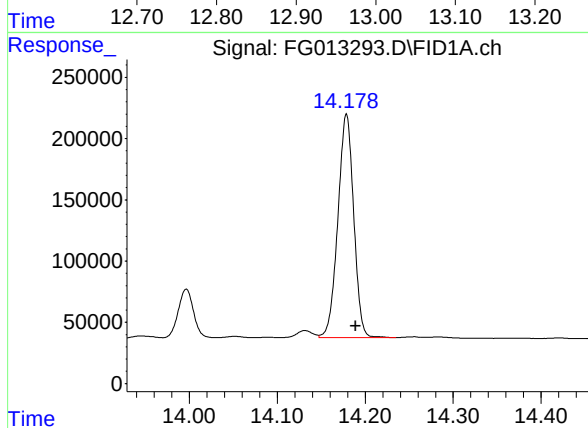
#6 N-OCTADECANE

R.T.: 11.661 min
Delta R.T.: -0.009 min
Response: 2301603
Conc: 19.15 ug/ml



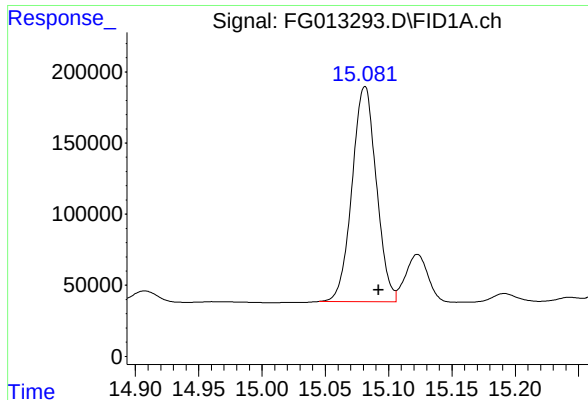
#7 N-EICOSANE

R.T.: 12.976 min
Delta R.T.: -0.010 min
Response: 2286881
Conc: 19.35 ug/ml



#8 N-DOCOSANE

R.T.: 14.179 min
Delta R.T.: -0.010 min
Response: 2281134
Conc: 20.11 ug/ml



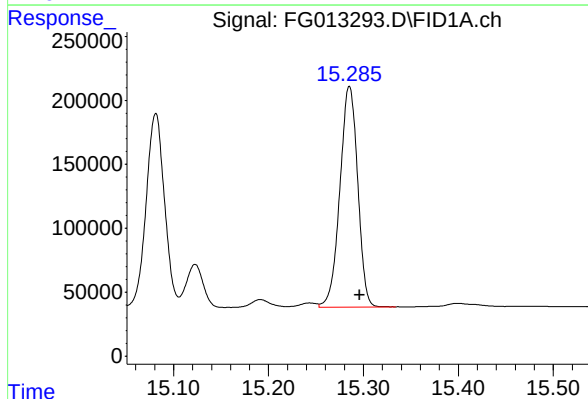
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.081 min
Delta R.T.: -0.011 min
Response: 2021918
Conc: 18.83 ug/ml

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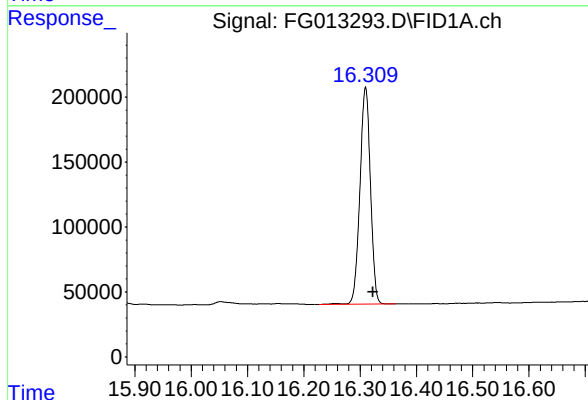
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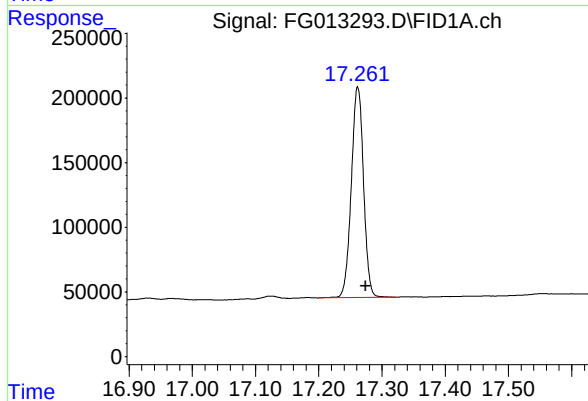
#10 N-TETRACOSANE

R.T.: 15.285 min
Delta R.T.: -0.011 min
Response: 2250553
Conc: 19.32 ug/ml



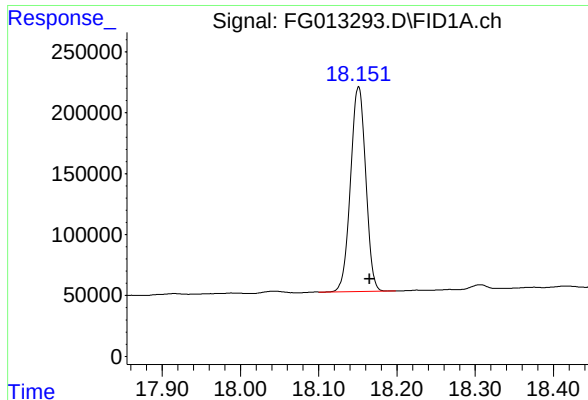
#11 N-HEXACOSANE

R.T.: 16.310 min
Delta R.T.: -0.013 min
Response: 2164625
Conc: 19.44 ug/ml



#12 N-OCTACOSANE

R.T.: 17.262 min
Delta R.T.: -0.013 min
Response: 2189809
Conc: 19.84 ug/ml



#13 N-TRIACONTANE

R.T.: 18.151 min
Delta R.T.: -0.014 min
Response: 2263080
Conc: 20.61 ug/ml

Instrument :

FID_G

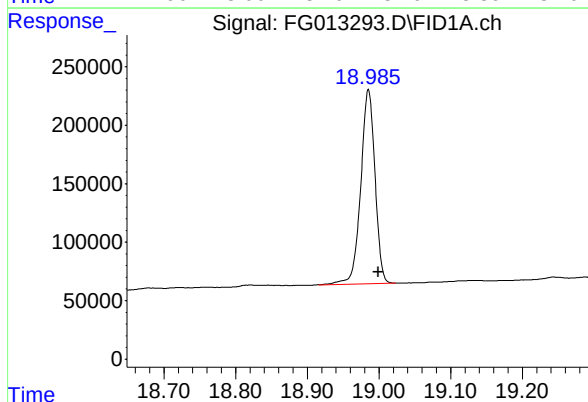
ClientSampleId :

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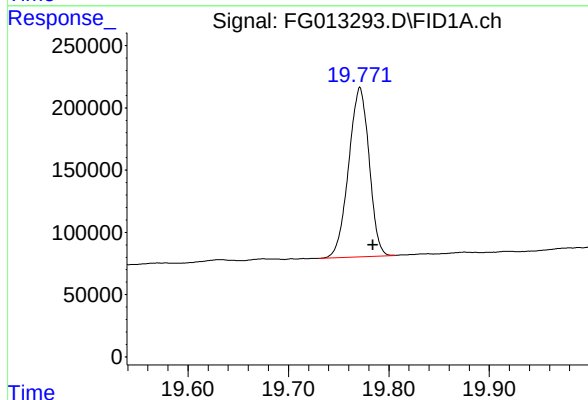
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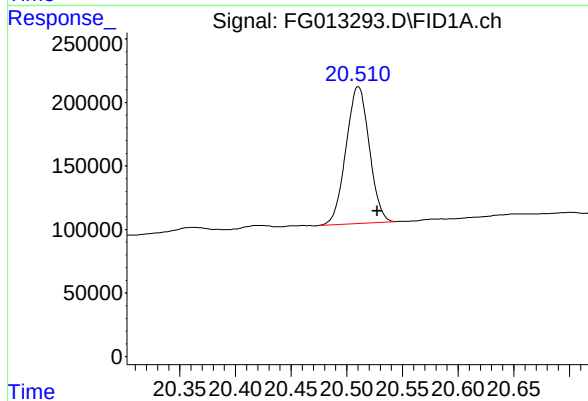
#14 N-DOTRIACONTANE

R.T.: 18.985 min
Delta R.T.: -0.014 min
Response: 2293930
Conc: 21.45 ug/ml m



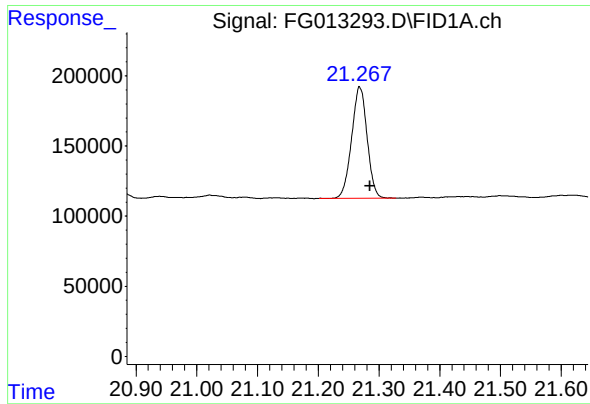
#15 N-TETRATRIACONTANE

R.T.: 19.771 min
Delta R.T.: -0.013 min
Response: 1923960
Conc: 20.48 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.510 min
Delta R.T.: -0.017 min
Response: 1566188
Conc: 20.20 ug/ml



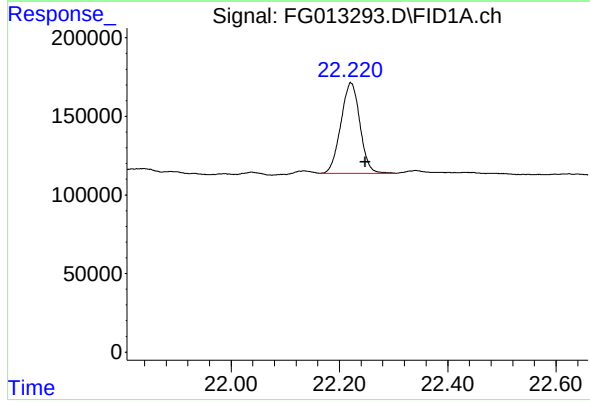
#17 N-OCTATRIACONTANE

R.T.: 21.268 min
Delta R.T.: -0.017 min
Response: 1408693
Conc: 20.38 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.220 min
Delta R.T.: -0.028 min
Response: 1413574
Conc: 19.51 ug/ml m