

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032924\
 Data File : FG013667.D
 Signal(s) : FID1A.ch
 Acq On : 29 Mar 2024 13:45
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/01/2024
 Supervised By :Ankita Jodhani 04/01/2024

Integration File: autoint1.e
 Quant Time: Mar 30 01:00:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG031524.M
 Quant Title :
 QLast Update : Fri Mar 15 13:14:30 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...	15.077	5961788	51.251 ug/ml
Target Compounds			
1) N-OCTANE	2.057	6190328	49.876 ug/ml
2) N-DECANE	4.585	6352512	49.338 ug/ml
3) N-DODECANE	6.758	6611048	49.480 ug/ml
4) N-TETRADECANE	8.591	6487379	49.890 ug/ml
5) N-HEXADECANE	10.205	6641185	50.431 ug/ml
6) N-OCTADECANE	11.654	6879515	50.889 ug/ml
7) N-EICOSANE	12.969	6717822	51.183 ug/ml
8) N-DOCOSANE	14.173	6598830	51.285 ug/ml
10) N-TETRACOSANE	15.283	6508541	51.157 ug/ml
11) N-HEXACOSANE	16.307	6332291	51.090 ug/ml
12) N-OCTACOSANE	17.261	6191369	50.721 ug/mlm
13) N-TRIACONTANE	18.152	6115115	50.429 ug/mlm
14) N-DOTRIACONTANE	18.989	5770445	49.706 ug/ml
15) N-TETRATRIACONTANE	19.774	4704538	49.947 ug/ml
16) N-HEXATRIACONTANE	20.515	3586264	49.416 ug/mlm
17) N-OCTATRIACONTANE	21.273	3128011	48.072 ug/ml
18) N-TETRACONTANE	22.222	3388553	53.485 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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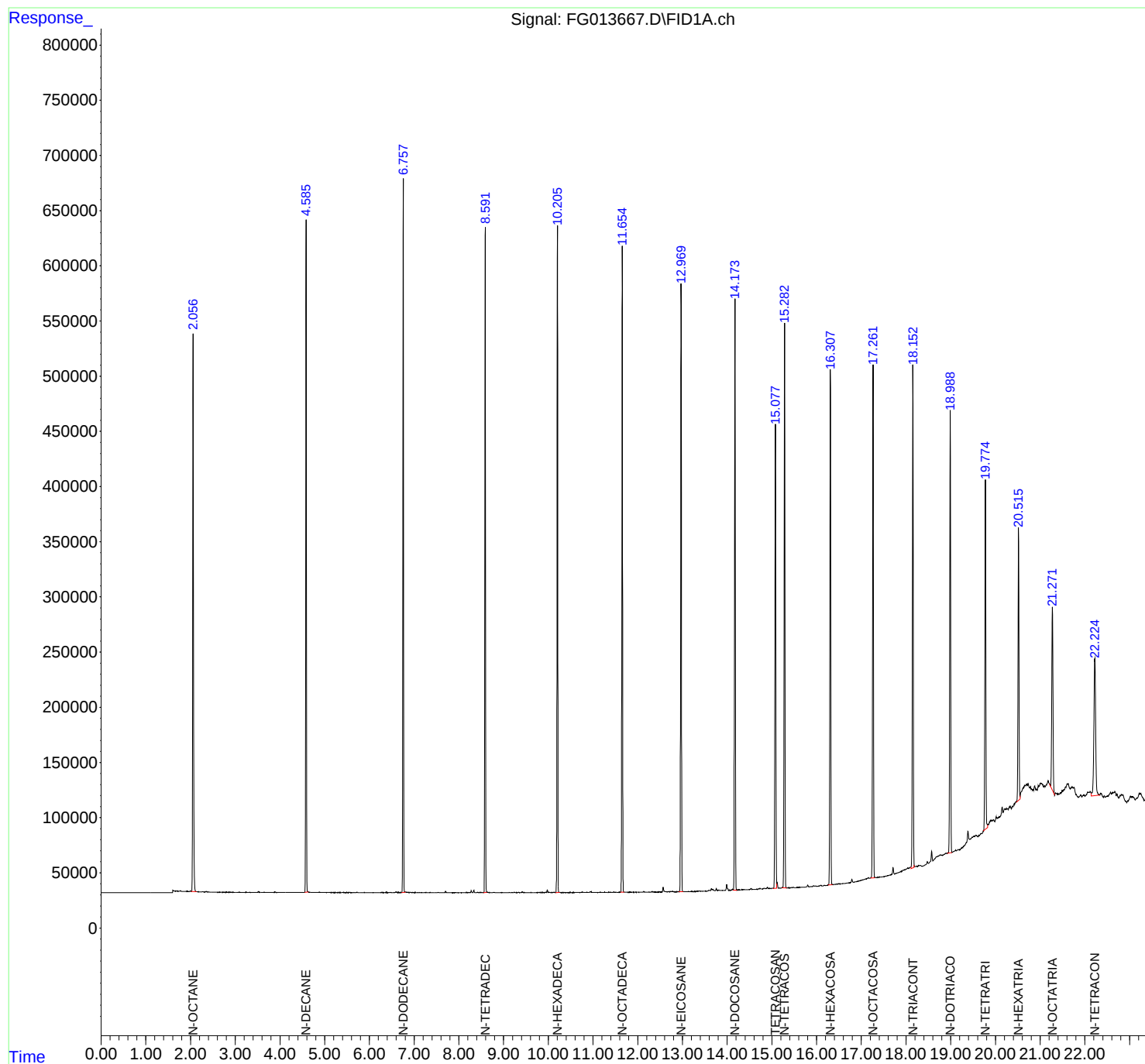
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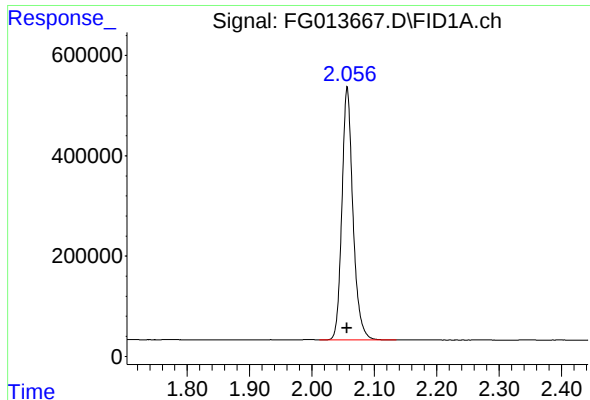
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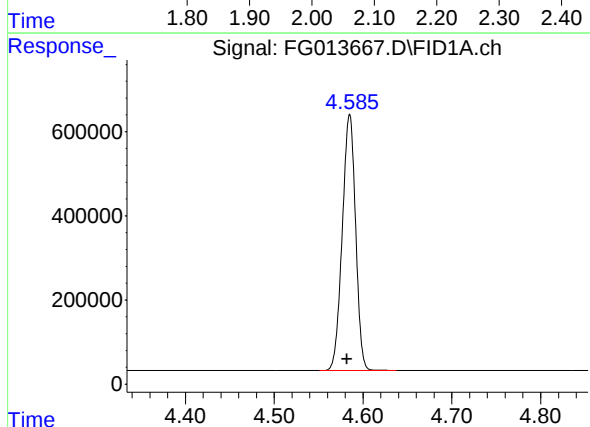
#1 N-OCTANE

R.T.: 2.057 min
Delta R.T.: 0.000 min
Response: 6190328
Conc: 49.88 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

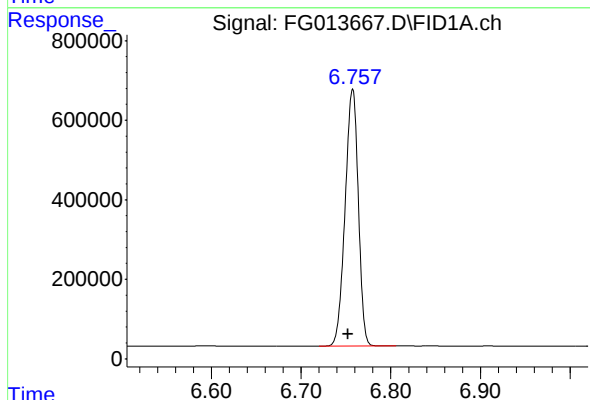
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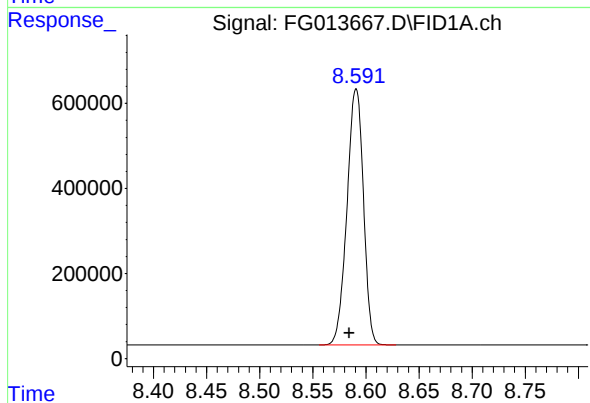
#2 N-DECANE

R.T.: 4.585 min
Delta R.T.: 0.003 min
Response: 6352512
Conc: 49.34 ug/ml



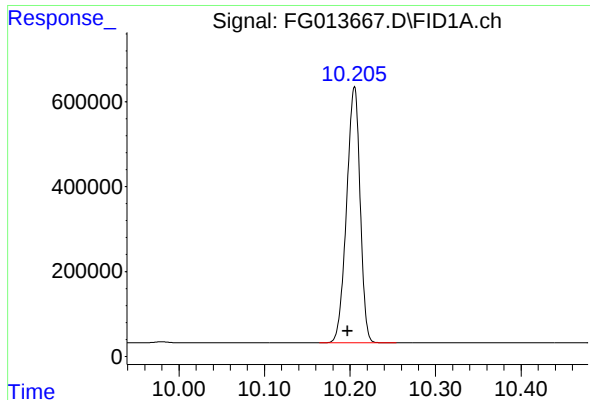
#3 N-DODECANE

R.T.: 6.758 min
Delta R.T.: 0.005 min
Response: 6611048
Conc: 49.48 ug/ml



#4 N-TETRADECANE

R.T.: 8.591 min
Delta R.T.: 0.006 min
Response: 6487379
Conc: 49.89 ug/ml



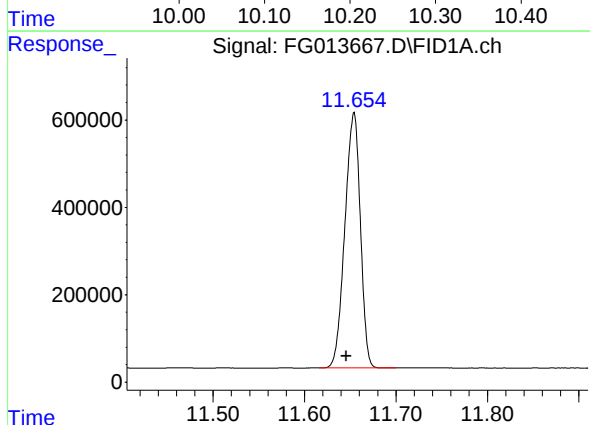
#5 N-HEXADECANE

R.T.: 10.205 min
Delta R.T.: 0.008 min
Response: 6641185
Conc: 50.43 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

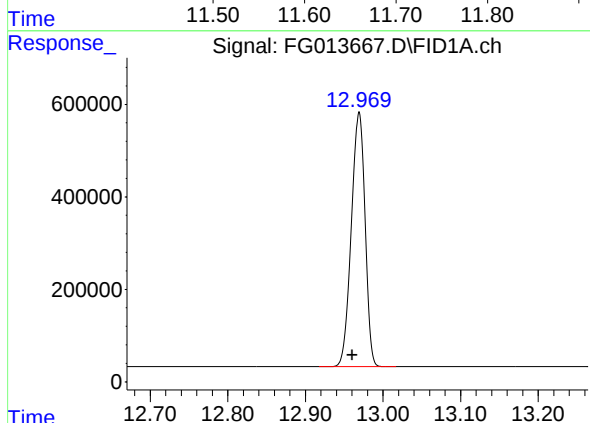
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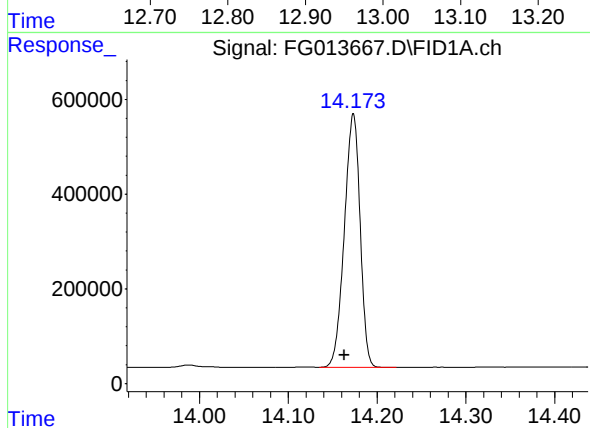
#6 N-OCTADECANE

R.T.: 11.654 min
Delta R.T.: 0.008 min
Response: 6879515
Conc: 50.89 ug/ml



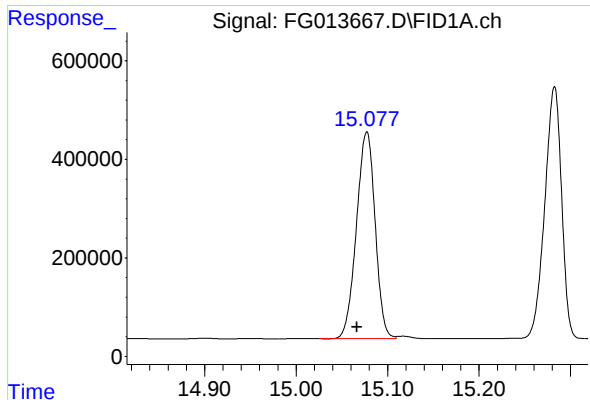
#7 N-EICOSANE

R.T.: 12.969 min
Delta R.T.: 0.008 min
Response: 6717822
Conc: 51.18 ug/ml



#8 N-DOCOSANE

R.T.: 14.173 min
Delta R.T.: 0.010 min
Response: 6598830
Conc: 51.28 ug/ml



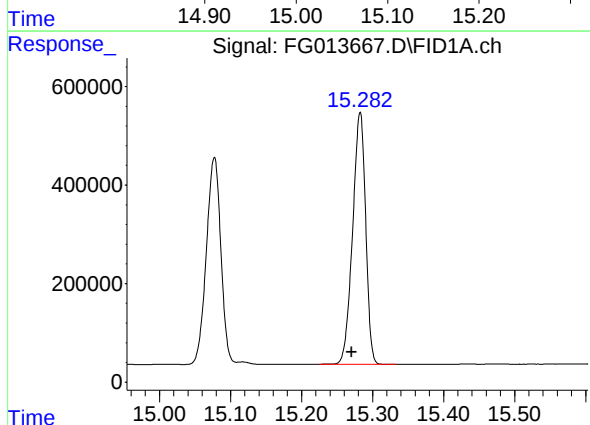
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.077 min
Delta R.T.: 0.011 min
Response: 5961788
Conc: 51.25 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

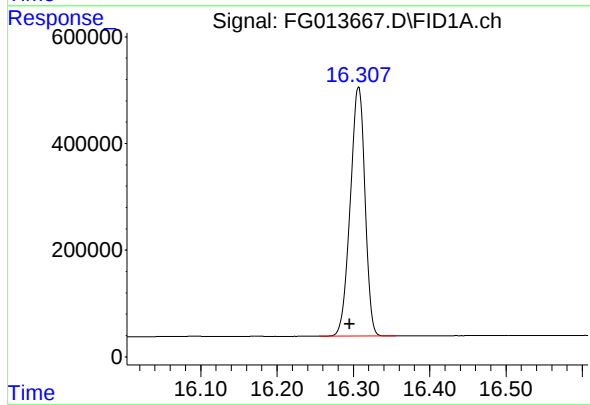
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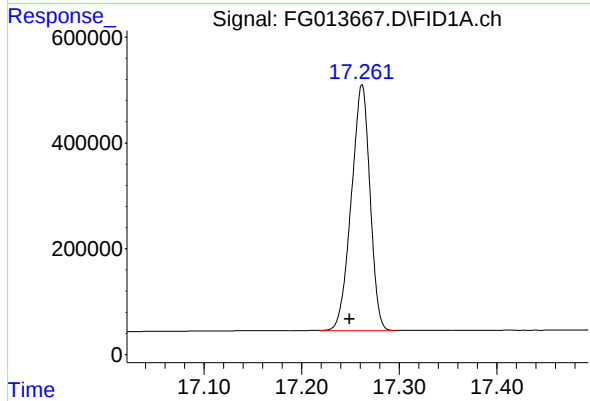
#10 N-TETRACOSANE

R.T.: 15.283 min
Delta R.T.: 0.012 min
Response: 6508541
Conc: 51.16 ug/ml



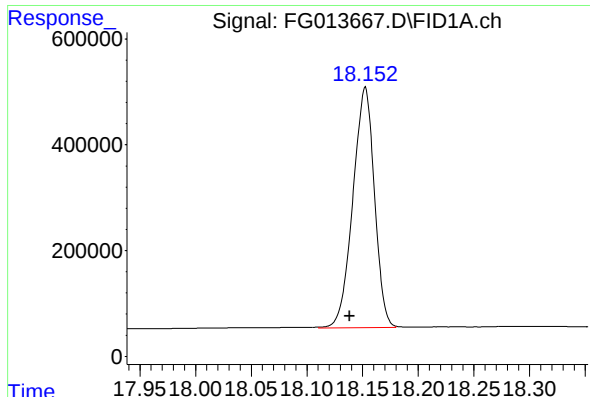
#11 N-HEXACOSANE

R.T.: 16.307 min
Delta R.T.: 0.012 min
Response: 6332291
Conc: 51.09 ug/ml



#12 N-OCTACOSANE

R.T.: 17.261 min
Delta R.T.: 0.012 min
Response: 6191369
Conc: 50.72 ug/ml m



#13 N-TRIACONTANE

R.T.: 18.152 min
Delta R.T.: 0.014 min
Response: 6115115
Conc: 50.43 ug/ml

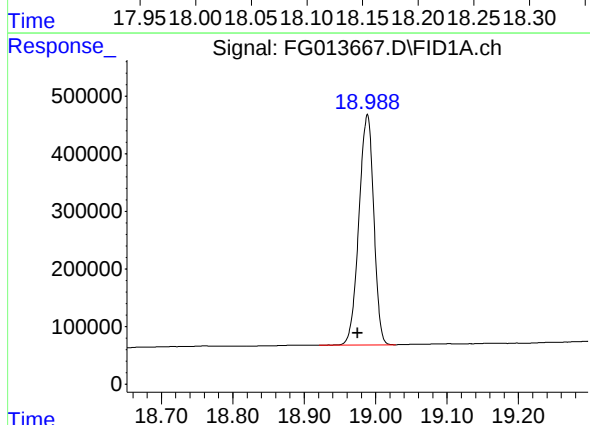
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

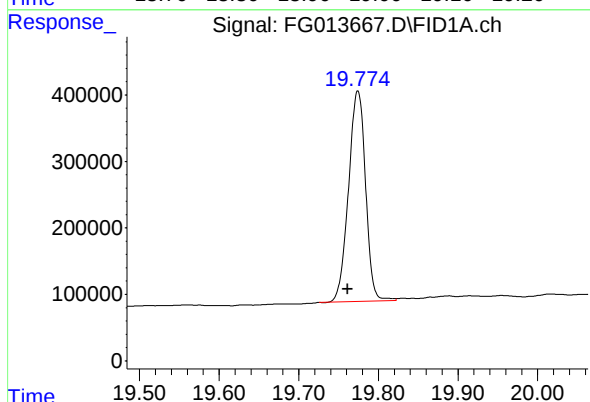
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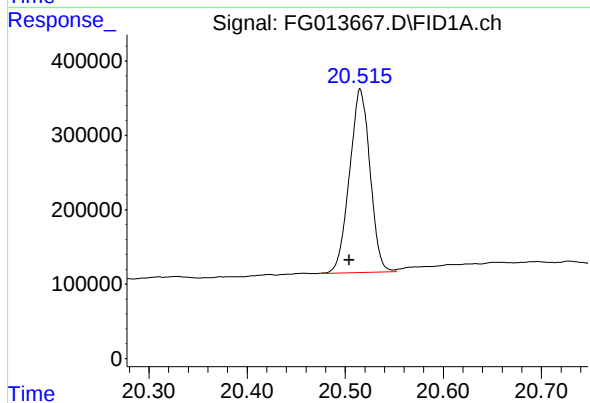
#14 N-DOTRIACONTANE

R.T.: 18.989 min
Delta R.T.: 0.014 min
Response: 5770445
Conc: 49.71 ug/ml



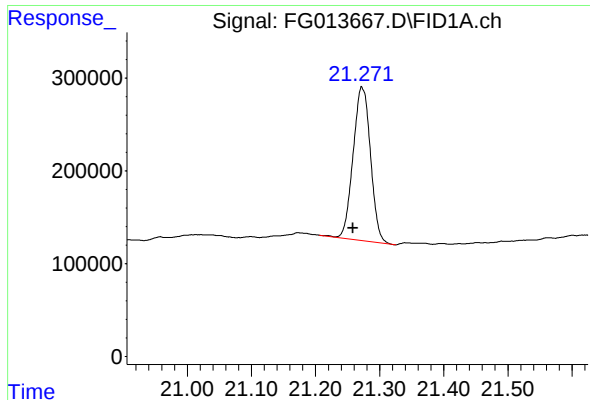
#15 N-TETRATRIACONTANE

R.T.: 19.774 min
Delta R.T.: 0.013 min
Response: 4704538
Conc: 49.95 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.515 min
Delta R.T.: 0.011 min
Response: 3586264
Conc: 49.42 ug/ml m



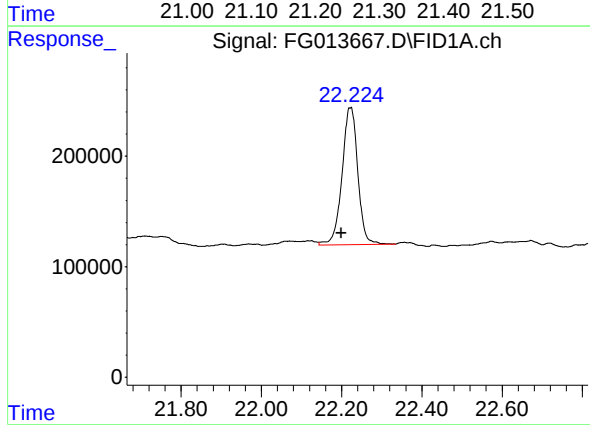
#17 N-OCTATRIACONTANE

R.T.: 21.273 min
Delta R.T.: 0.014 min
Response: 3128011
Conc: 48.07 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.222 min
Delta R.T.: 0.022 min
Response: 3388553
Conc: 53.49 ug/ml