

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082123\
 Data File : FG012747.D
 Signal(s) : FID1A.ch
 Acq On : 21 Aug 2023 16:10
 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 08/22/2023
 Supervised By :Ankita Jodhani 08/22/2023

Integration File: autoint1.e
 Quant Time: Aug 21 23:54:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080223.M
 Quant Title :
 QLast Update : Wed Aug 02 18:57:31 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...	15.089	5073771	45.356 ug/ml
Target Compounds			
1) N-OCTANE	2.080	6026057	48.945 ug/ml
2) N-DECANE	4.602	6214844	48.921 ug/ml
3) N-DODECANE	6.776	6266509	48.787 ug/ml
4) N-TETRADECANE	8.609	6241821	48.453 ug/ml
5) N-HEXADECANE	10.223	6215897	47.914 ug/ml
6) N-OCTADECANE	11.671	6202443	47.290 ug/ml
7) N-EICOSANE	12.985	6018196	46.791 ug/ml
8) N-DOCOSANE	14.186	5814620	45.975 ug/ml
10) N-TETRACOSANE	15.293	5713168	45.175 ug/ml
11) N-HEXACOSANE	16.316	5559817	44.416 ug/ml
12) N-OCTACOSANE	17.267	5401432	43.949 ug/ml
13) N-TRIACONTANE	18.157	5131691	43.330 ug/ml
14) N-DOTRIACONTANE	18.990	4627532	41.206 ug/ml
15) N-TETRATRIACONTANE	19.774	4059857	42.860 ug/ml
16) N-HEXATRIACONTANE	20.513	3528893	43.486 ug/mlm
17) N-OCTATRIACONTANE	21.274	3295153	45.630 ug/ml
18) N-TETRACONTANE	22.225	3316830	47.602 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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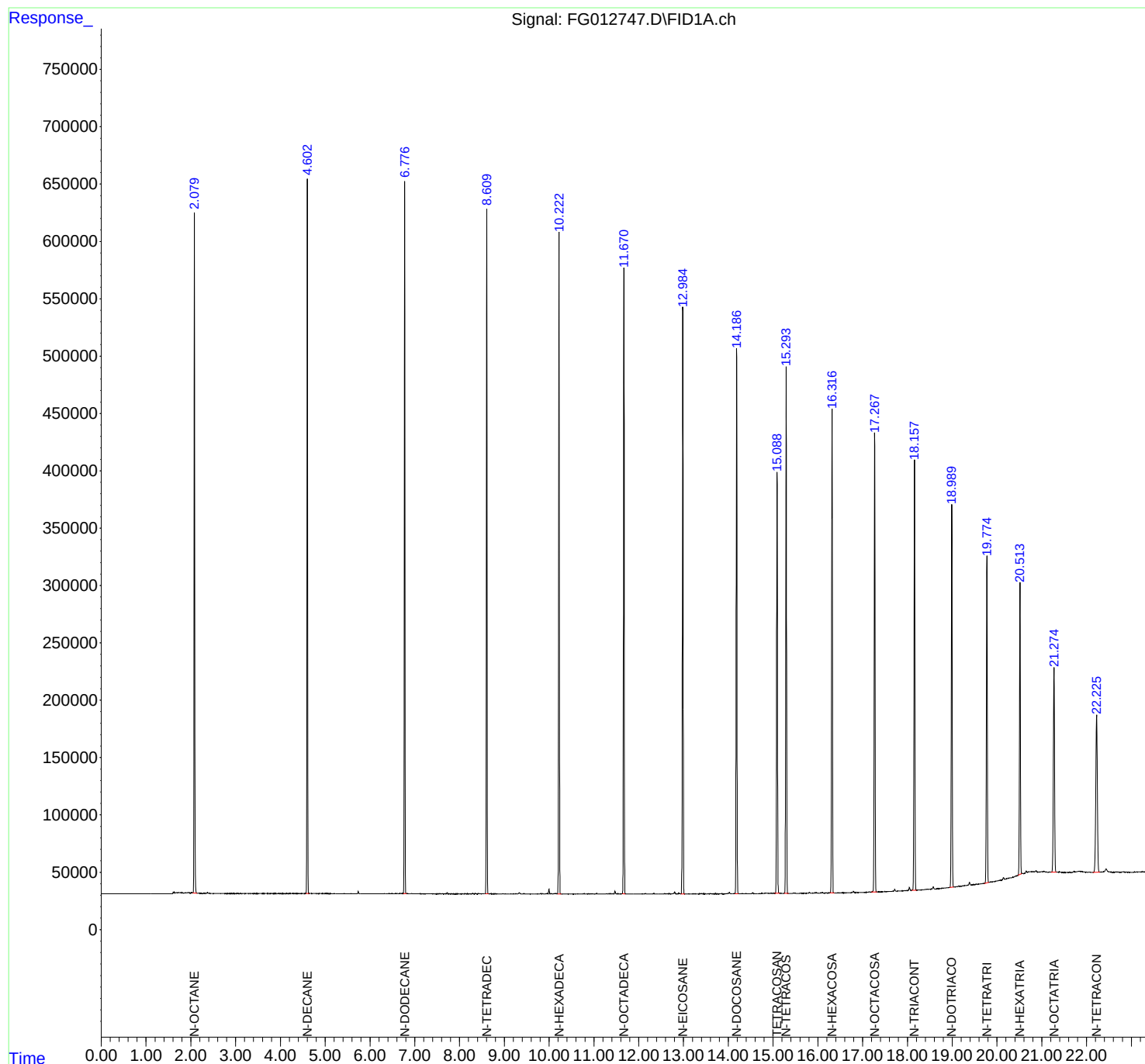
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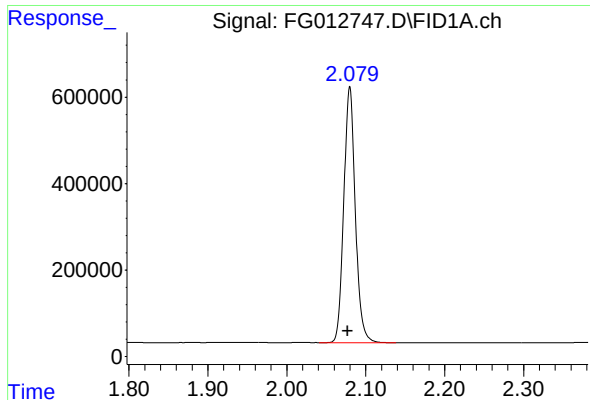
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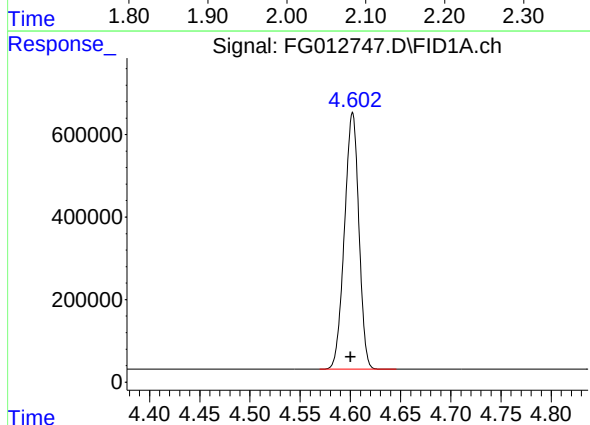
#1 N-OCTANE

R.T.: 2.080 min
Delta R.T.: 0.003 min
Response: 6026057
Conc: 48.94 ug/ml

Instrument :
FID_G
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50 PPM TRPH STD

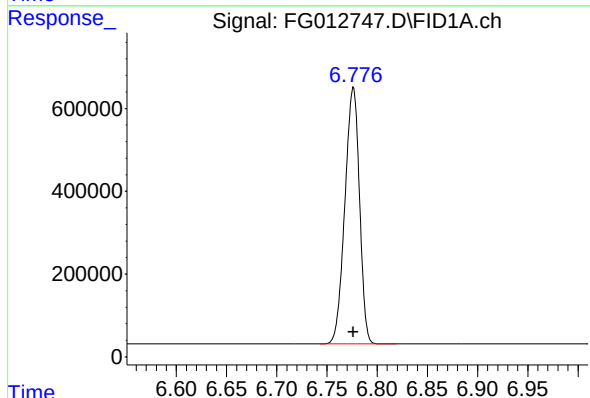
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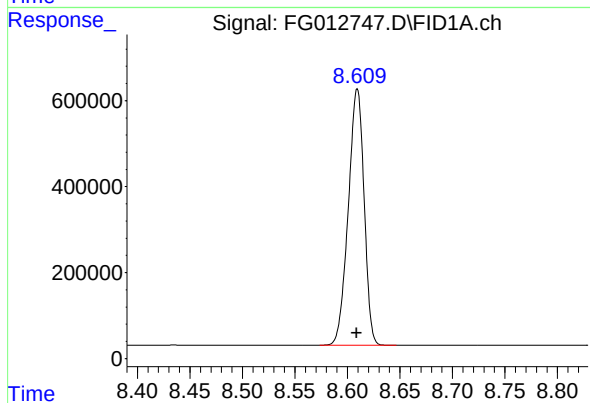
#2 N-DECANE

R.T.: 4.602 min
Delta R.T.: 0.002 min
Response: 6214844
Conc: 48.92 ug/ml



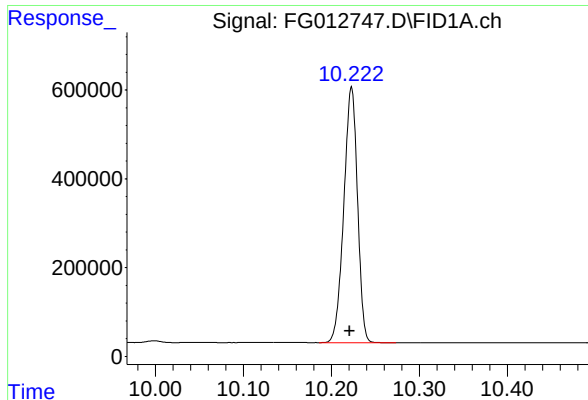
#3 N-DODECANE

R.T.: 6.776 min
Delta R.T.: 0.000 min
Response: 6266509
Conc: 48.79 ug/ml



#4 N-TETRADECANE

R.T.: 8.609 min
Delta R.T.: 0.000 min
Response: 6241821
Conc: 48.45 ug/ml



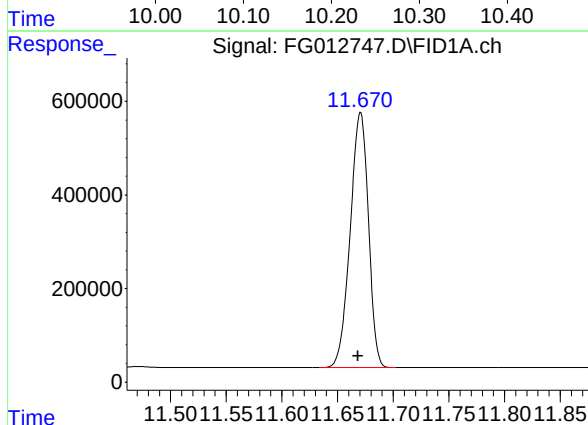
#5 N-HEXADECANE

R.T.: 10.223 min
Delta R.T.: 0.002 min
Response: 6215897
Conc: 47.91 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

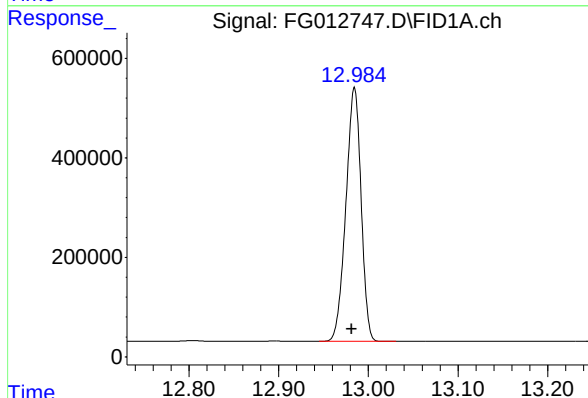
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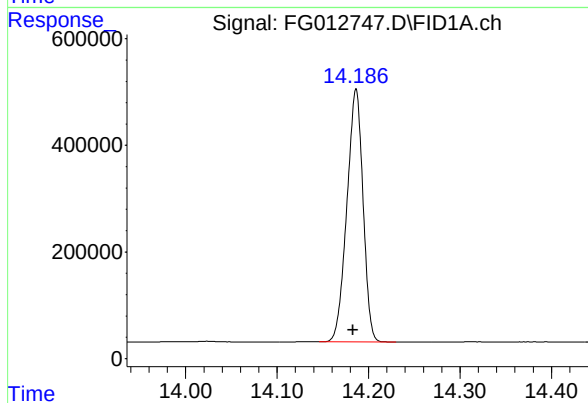
#6 N-OCTADECANE

R.T.: 11.671 min
Delta R.T.: 0.002 min
Response: 6202443
Conc: 47.29 ug/ml



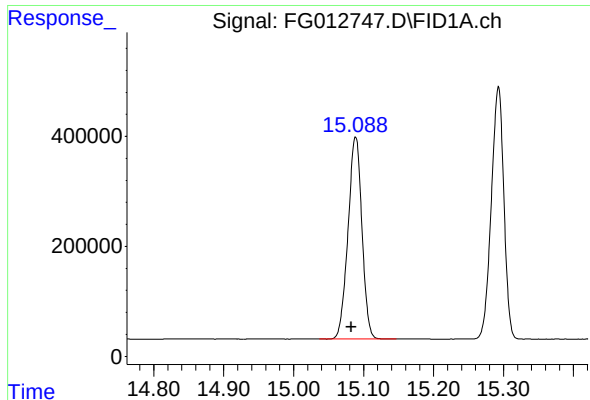
#7 N-EICOSANE

R.T.: 12.985 min
Delta R.T.: 0.003 min
Response: 6018196
Conc: 46.79 ug/ml



#8 N-DOCOSANE

R.T.: 14.186 min
Delta R.T.: 0.003 min
Response: 5814620
Conc: 45.97 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.089 min
Delta R.T.: 0.006 min
Response: 5073771
Conc: 45.36 ug/ml

Instrument :

FID_G

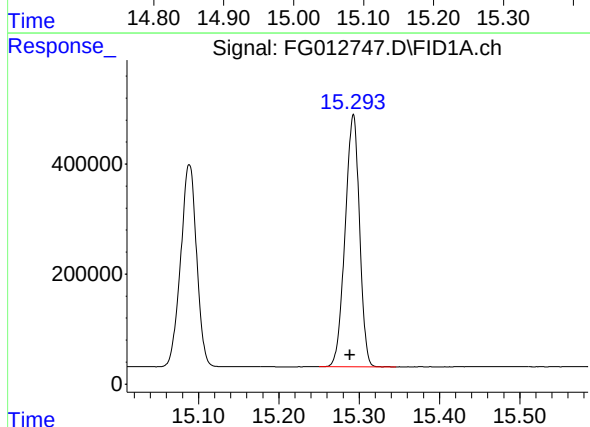
ClientSampleId :

50 PPM TRPH STD

Manual Integrations

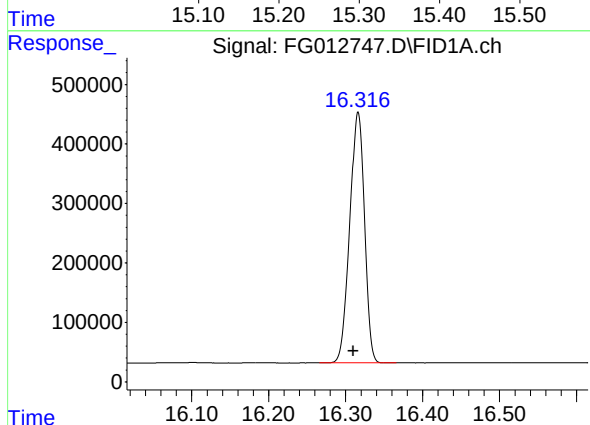
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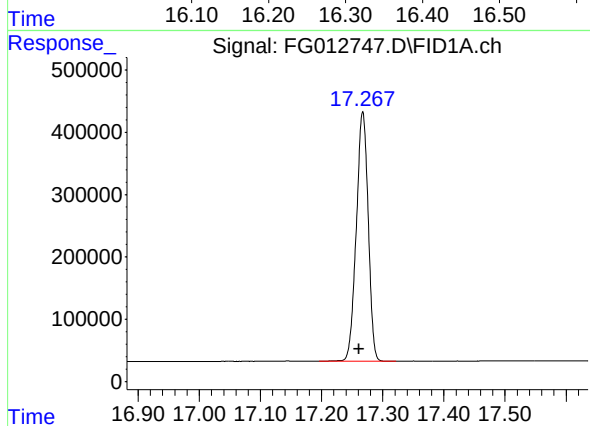
#10 N-TETRACOSANE

R.T.: 15.293 min
Delta R.T.: 0.004 min
Response: 5713168
Conc: 45.18 ug/ml



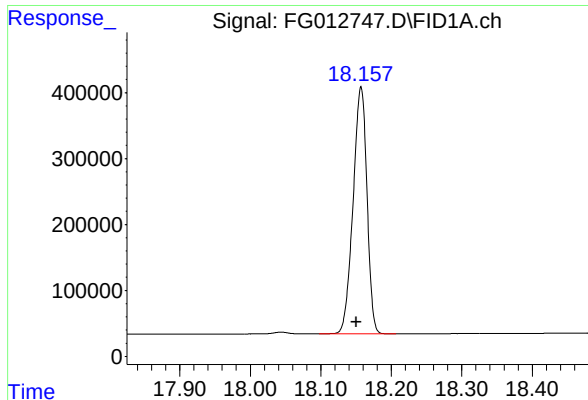
#11 N-HEXACOSANE

R.T.: 16.316 min
Delta R.T.: 0.006 min
Response: 5559817
Conc: 44.42 ug/ml



#12 N-OCTACOSANE

R.T.: 17.267 min
Delta R.T.: 0.006 min
Response: 5401432
Conc: 43.95 ug/ml



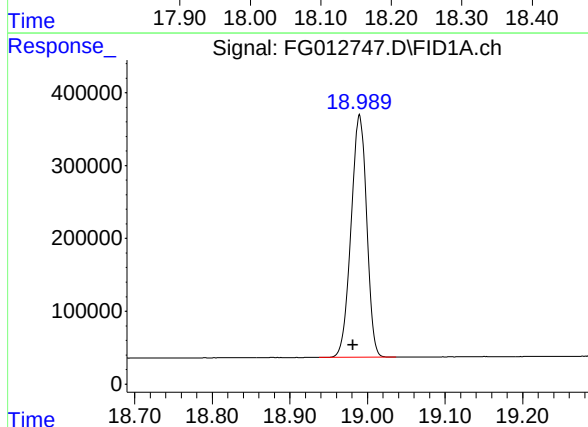
#13 N-TRIACONTANE

R.T.: 18.157 min
Delta R.T.: 0.007 min
Response: 5131691
Conc: 43.33 ug/ml

Instrument :
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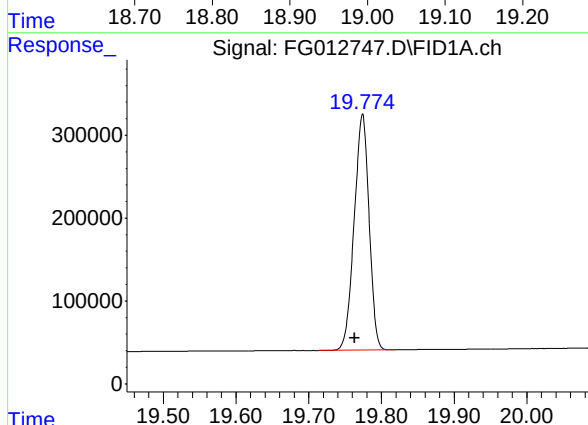
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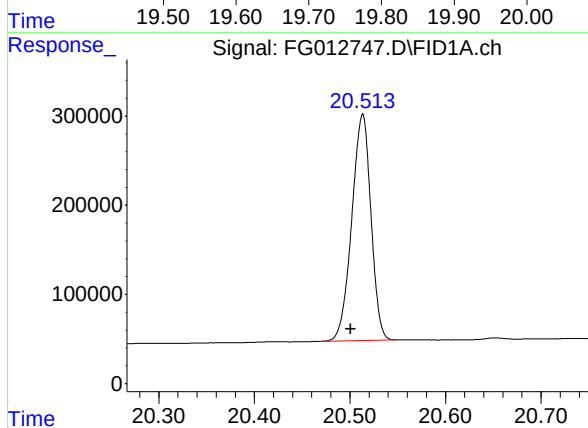
#14 N-DOTRIACONTANE

R.T.: 18.990 min
Delta R.T.: 0.008 min
Response: 4627532
Conc: 41.21 ug/ml



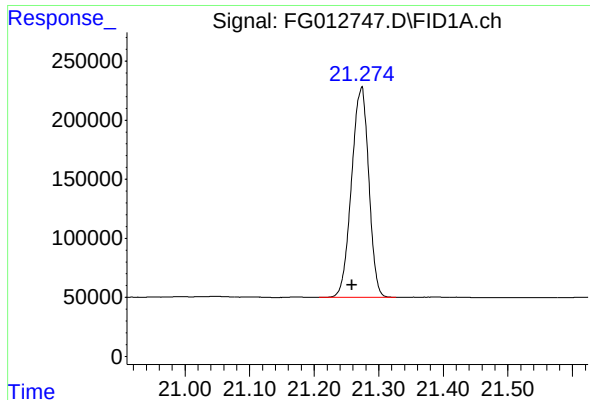
#15 N-TETRATRIACONTANE

R.T.: 19.774 min
Delta R.T.: 0.011 min
Response: 4059857
Conc: 42.86 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.513 min
Delta R.T.: 0.012 min
Response: 3528893
Conc: 43.49 ug/ml m



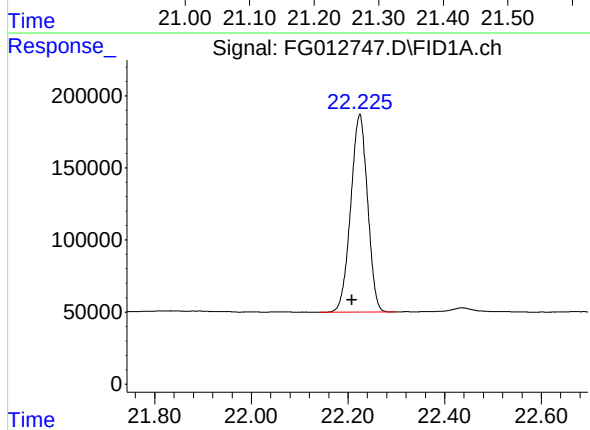
#17 N-OCTATRIACONTANE

R.T.: 21.274 min
Delta R.T.: 0.015 min
Response: 3295153
Conc: 45.63 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.225 min
Delta R.T.: 0.016 min
Response: 3316830
Conc: 47.60 ug/ml