

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG081823\
 Data File : FG012732.D
 Signal(s) : FID1A.ch
 Acq On : 18 Aug 2023 20:24
 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 08/21/2023
 Supervised By :Ankita Jodhani 08/21/2023

Integration File: autoint1.e
 Quant Time: Aug 18 23:41:24 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	5228450	46.739 ug/ml
Target Compounds			
1) N-OCTANE	2.079	6145377	49.914 ug/ml
2) N-DECANE	4.602	6332509	49.848 ug/ml
3) N-DODECANE	6.777	6365023	49.554 ug/ml
4) N-TETRADECANE	8.610	6337656	49.197 ug/ml
5) N-HEXADECANE	10.223	6324835	48.754 ug/ml
6) N-OCTADECANE	11.671	6333002	48.285 ug/ml
7) N-EICOSANE	12.986	6163575	47.921 ug/ml
8) N-DOCOSANE	14.187	5976470	47.254 ug/ml
10) N-TETRACOSANE	15.294	5889865	46.572 ug/ml
11) N-HEXACOSANE	16.318	5744742	45.893 ug/ml
12) N-OCTACOSANE	17.270	5595096	45.524 ug/ml
13) N-TRIACONTANE	18.158	5320952	44.928 ug/ml
14) N-DOTRIACONTANE	18.992	4799185	42.734 ug/ml
15) N-TETRATRIACONTANE	19.776	4199246	44.332 ug/ml
16) N-HEXATRIACONTANE	20.515	3670850	45.236 ug/mlm
17) N-OCTATRIACONTANE	21.277	3387648	46.911 ug/ml
18) N-TETRACONTANE	22.231	3424999	49.155 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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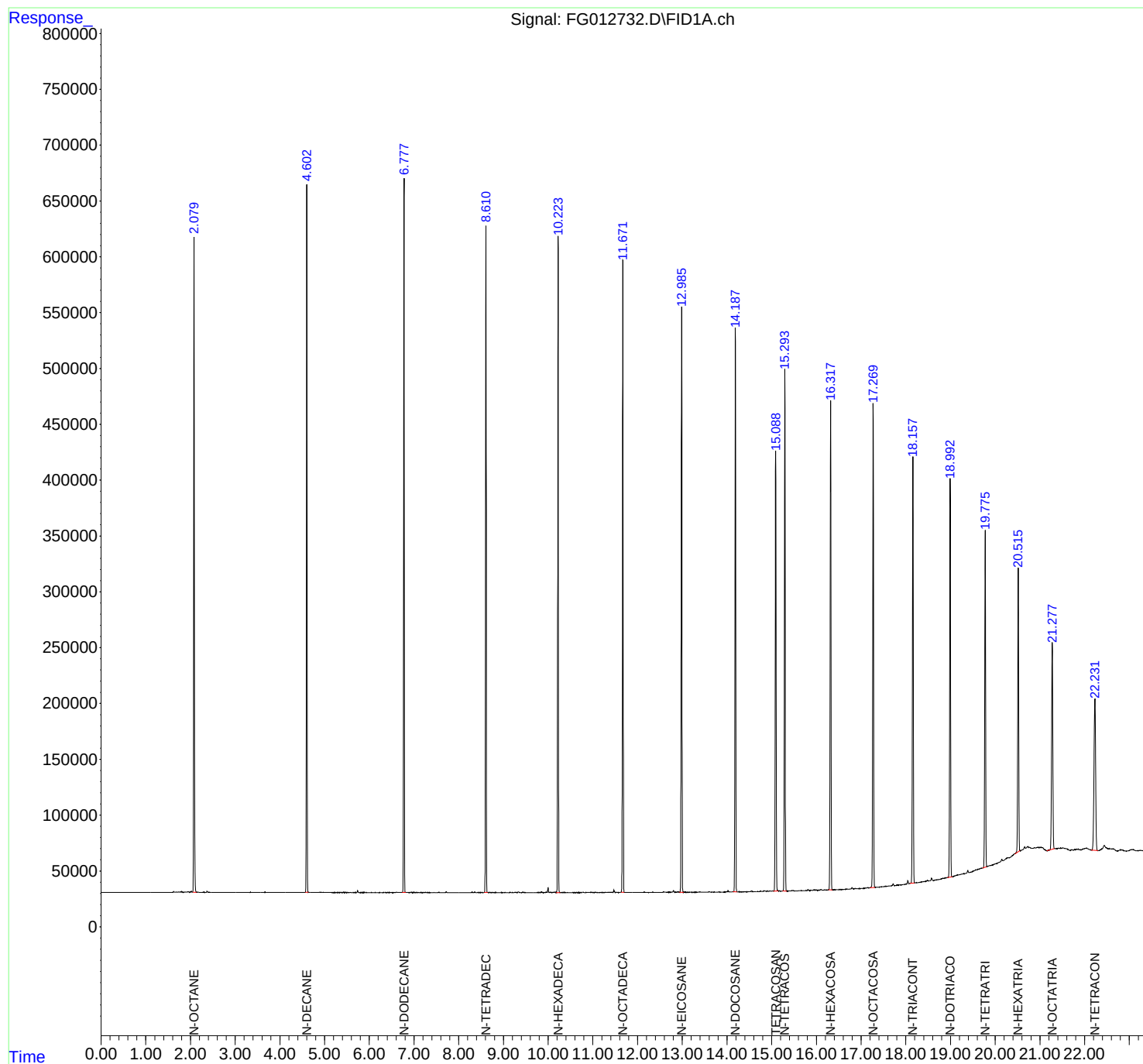
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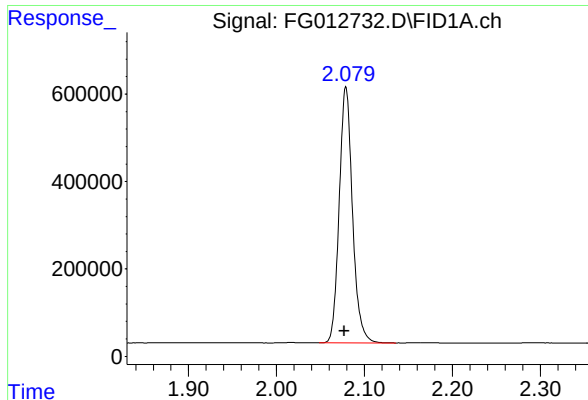
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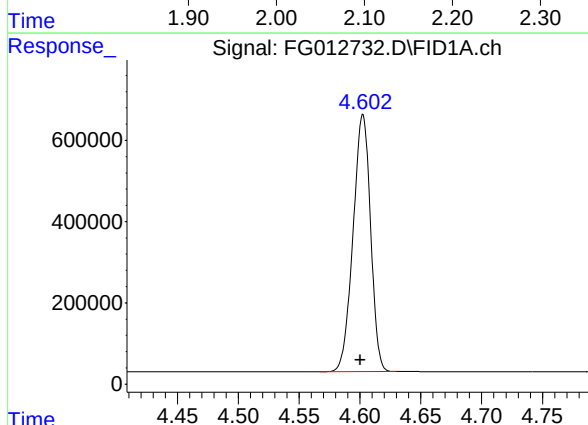
#1 N-OCTANE

R.T.: 2.079 min
Delta R.T.: 0.002 min
Response: 6145377
Conc: 49.91 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

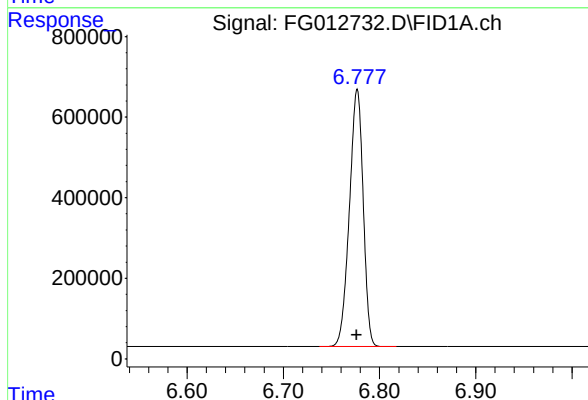
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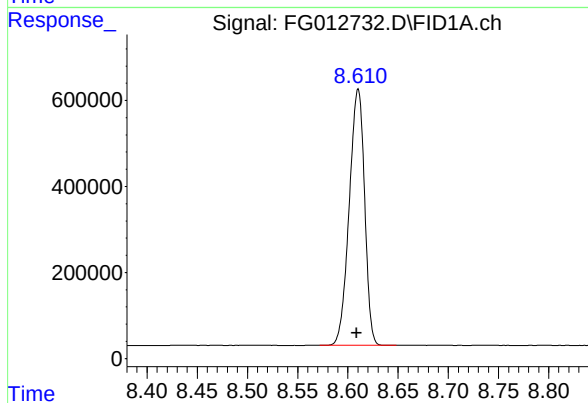
#2 N-DECANE

R.T.: 4.602 min
Delta R.T.: 0.002 min
Response: 6332509
Conc: 49.85 ug/ml



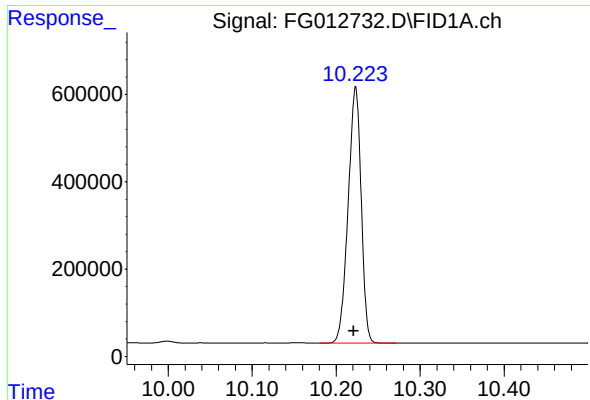
#3 N-DODECANE

R.T.: 6.777 min
Delta R.T.: 0.000 min
Response: 6365023
Conc: 49.55 ug/ml



#4 N-TETRADECANE

R.T.: 8.610 min
Delta R.T.: 0.002 min
Response: 6337656
Conc: 49.20 ug/ml



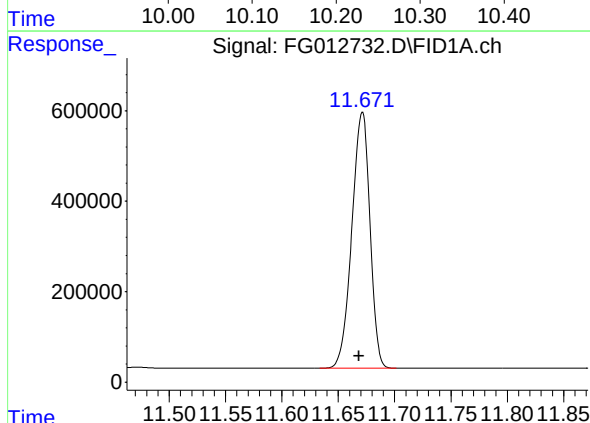
#5 N-HEXADECANE

R.T.: 10.223 min
Delta R.T.: 0.002 min
Response: 6324835
Conc: 48.75 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

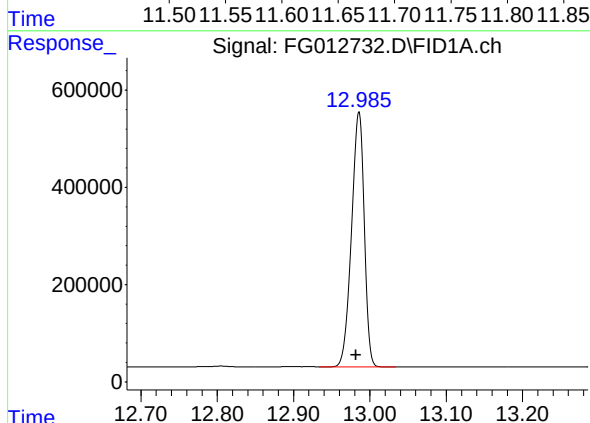
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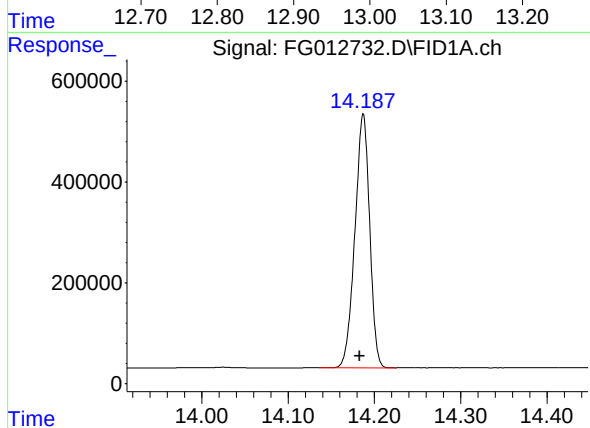
#6 N-OCTADECANE

R.T.: 11.671 min
Delta R.T.: 0.003 min
Response: 6333002
Conc: 48.29 ug/ml



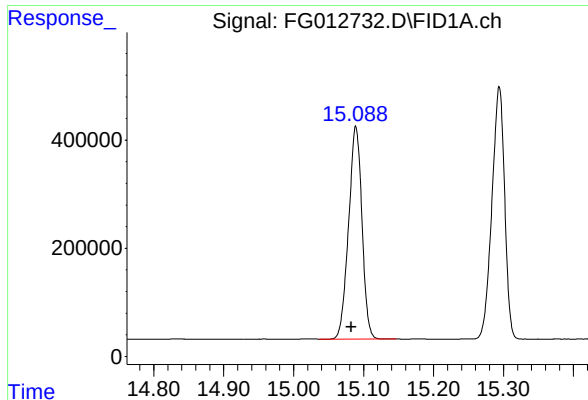
#7 N-EICOSANE

R.T.: 12.986 min
Delta R.T.: 0.004 min
Response: 6163575
Conc: 47.92 ug/ml



#8 N-DOCOSANE

R.T.: 14.187 min
Delta R.T.: 0.004 min
Response: 5976470
Conc: 47.25 ug/ml



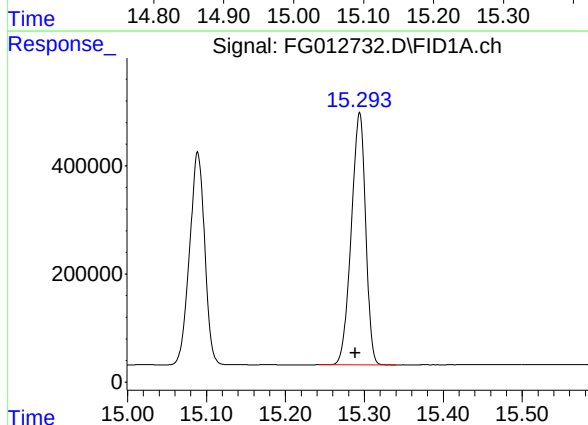
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.089 min
Delta R.T.: 0.006 min
Response: 5228450
Conc: 46.74 ug/ml

Instrument :
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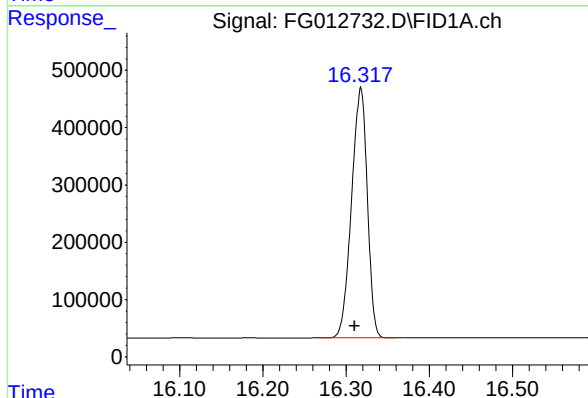
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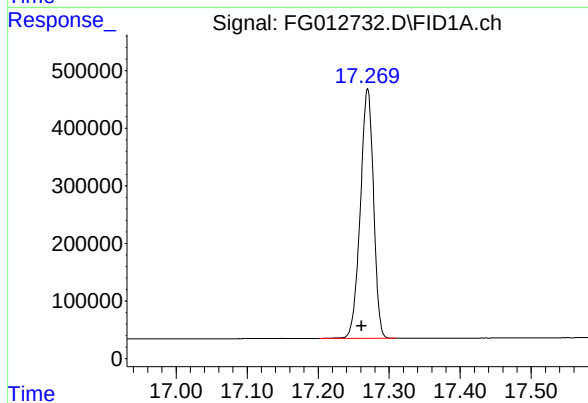
#10 N-TETRACOSANE

R.T.: 15.294 min
Delta R.T.: 0.005 min
Response: 5889865
Conc: 46.57 ug/ml



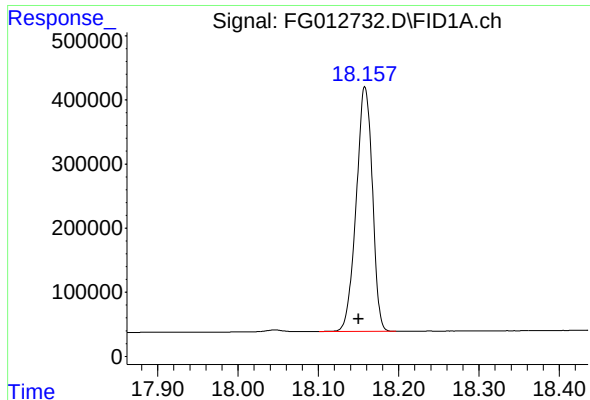
#11 N-HEXACOSANE

R.T.: 16.318 min
Delta R.T.: 0.008 min
Response: 5744742
Conc: 45.89 ug/ml



#12 N-OCTACOSANE

R.T.: 17.270 min
Delta R.T.: 0.009 min
Response: 5595096
Conc: 45.52 ug/ml



#13 N-TRIACONTANE

R.T.: 18.158 min
Delta R.T.: 0.008 min
Response: 5320952
Conc: 44.93 ug/ml

Instrument :

FID_G

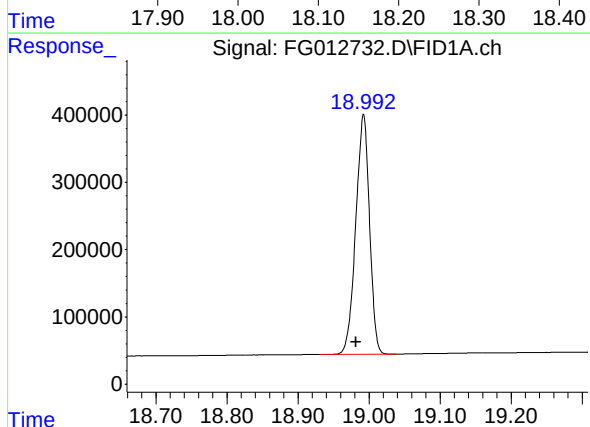
ClientSampleId :

50 PPM TRPH STD

Manual Integrations

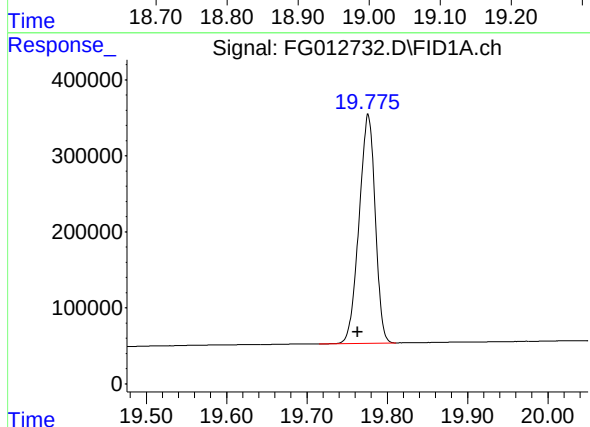
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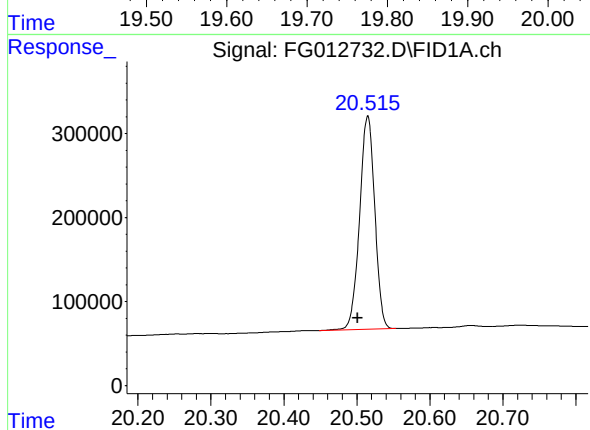
#14 N-DOTRIACONTANE

R.T.: 18.992 min
Delta R.T.: 0.011 min
Response: 4799185
Conc: 42.73 ug/ml



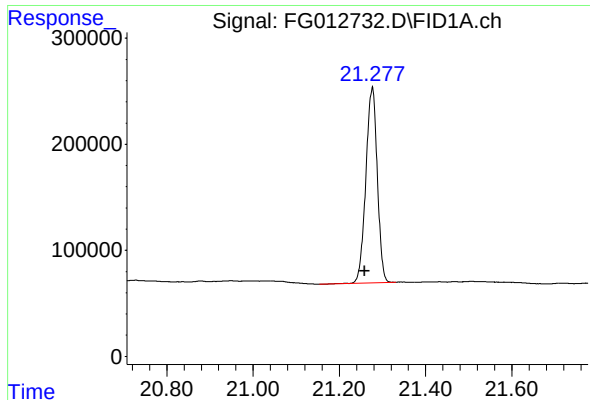
#15 N-TETRATRIACONTANE

R.T.: 19.776 min
Delta R.T.: 0.013 min
Response: 4199246
Conc: 44.33 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.515 min
Delta R.T.: 0.014 min
Response: 3670850
Conc: 45.24 ug/ml m



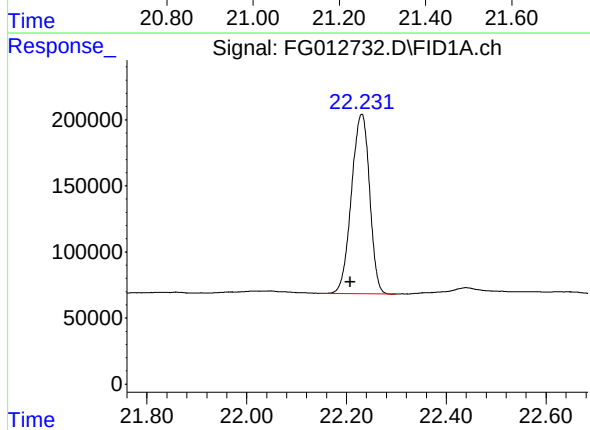
#17 N-OCTATRIACONTANE

R.T.: 21.277 min
Delta R.T.: 0.018 min
Response: 3387648
Conc: 46.91 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.231 min
Delta R.T.: 0.023 min
Response: 3424999
Conc: 49.15 ug/ml