

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG033023\
 Data File : FG011694.D
 Signal(s) : FID1A.ch
 Acq On : 30 Mar 2023 11:08
 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 03/31/2023
 Supervised By :mohammad ahmed 03/31/2023

Integration File: Sample.e
 Quant Time: Mar 31 00:04:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG031523.M
 Quant Title :
 QLast Update : Wed Mar 15 18:43:49 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...	15.045	4445991	44.171 ug/ml
Target Compounds			
1) N-OCTANE	2.053	4559831	38.745 ug/ml
2) N-DECANE	4.574	5210317	43.112 ug/ml
3) N-DODECANE	6.744	5181301	42.461 ug/ml
4) N-TETRADECANE	8.575	5103480	41.939 ug/ml
5) N-HEXADECANE	10.185	5178997	41.999 ug/ml
6) N-OCTADECANE	11.631	5199091	42.568 ug/ml
7) N-EICOSANE	12.944	5184835	43.150 ug/ml
8) N-DOCOSANE	14.145	5023384	43.792 ug/ml
10) N-TETRACOSANE	15.250	5008894	44.342 ug/ml
11) N-HEXACOSANE	16.273	4877689	45.167 ug/ml
12) N-OCTACOSANE	17.226	4785668	46.152 ug/ml
13) N-TRIACONTANE	18.116	4757800	48.010 ug/ml
14) N-DOTRIACONTANE	18.950	4609005	49.696 ug/ml
15) N-TETRATRIACONTANE	19.736	4386512	52.031 ug/ml
16) N-HEXATRIACONTANE	20.476	4351045	56.519 ug/mlm
17) N-OCTATRIACONTANE	21.226	4503067	59.810 ug/ml
18) N-TETRACONTANE	22.162	4575232	62.338 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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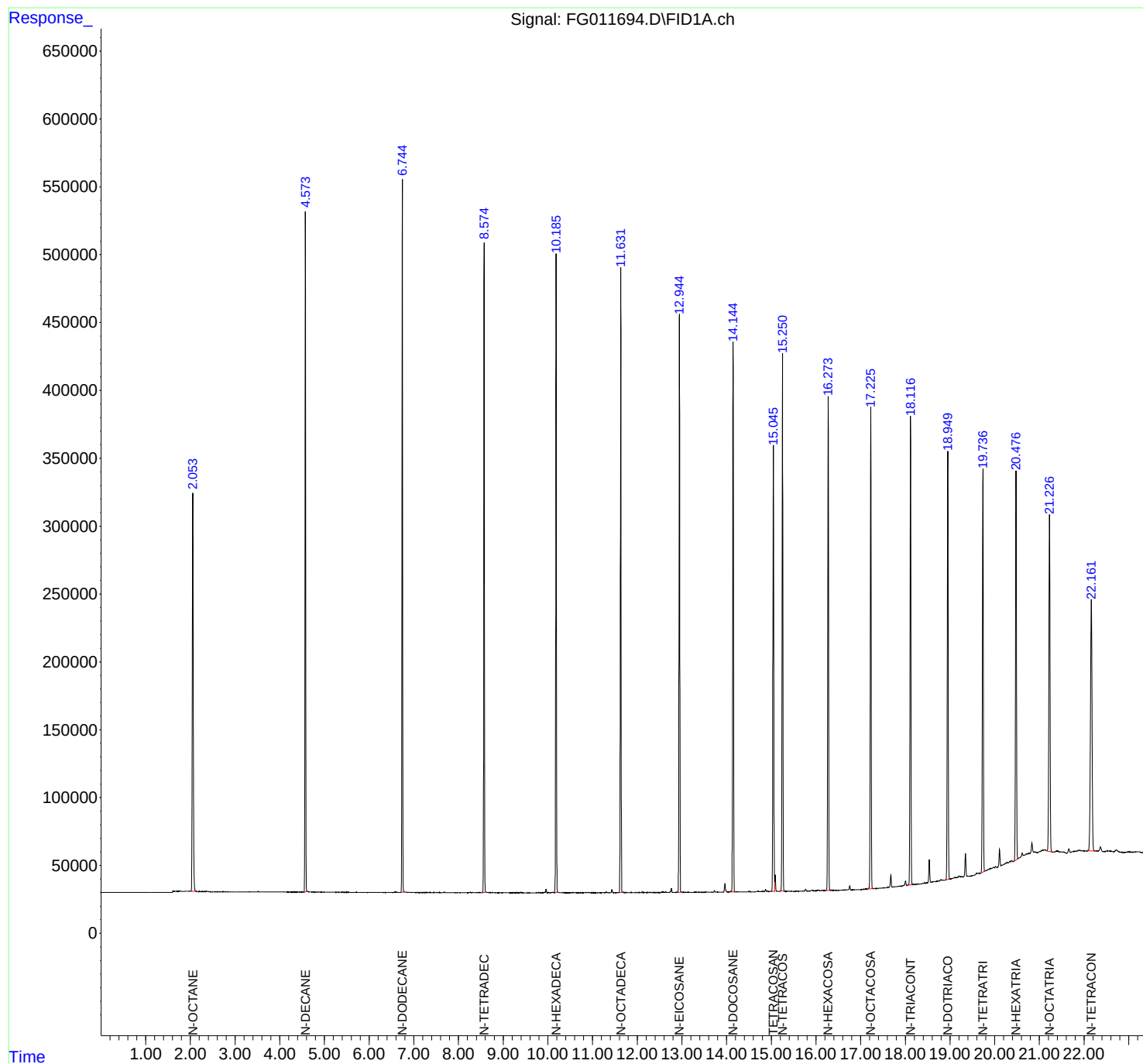
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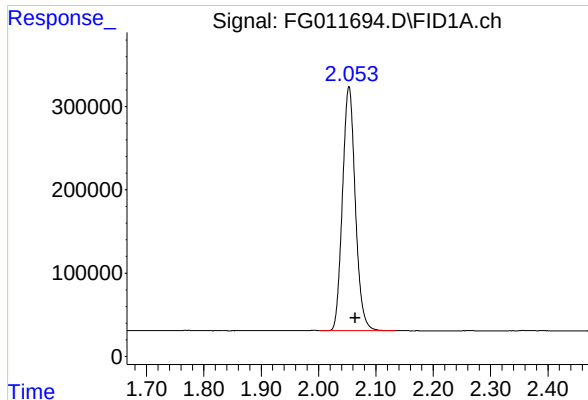
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#1 N-OCTANE

R.T.: 2.053 min
Delta R.T.: -0.011 min
Response: 4559831
Conc: 38.74 ug/ml

Instrument :

FID_G

ClientSampleId :

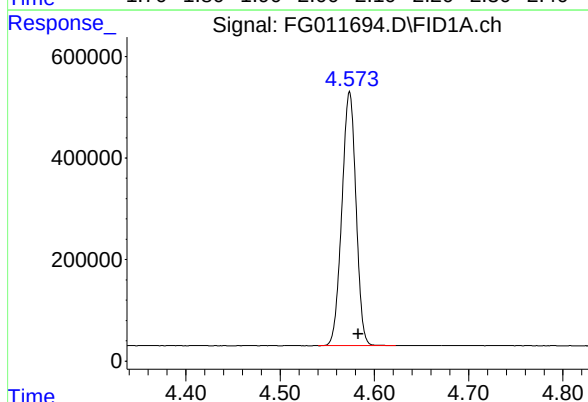
50 PPM TRPH STD

Manual Integrations

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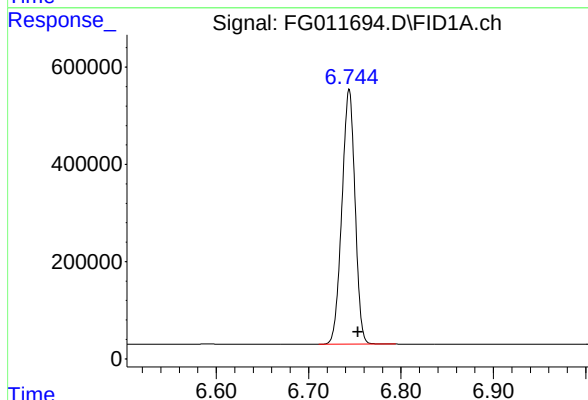
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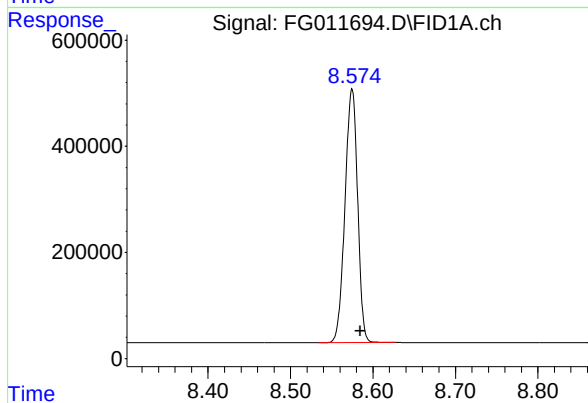
#2 N-DECANE

R.T.: 4.574 min
Delta R.T.: -0.009 min
Response: 5210317
Conc: 43.11 ug/ml



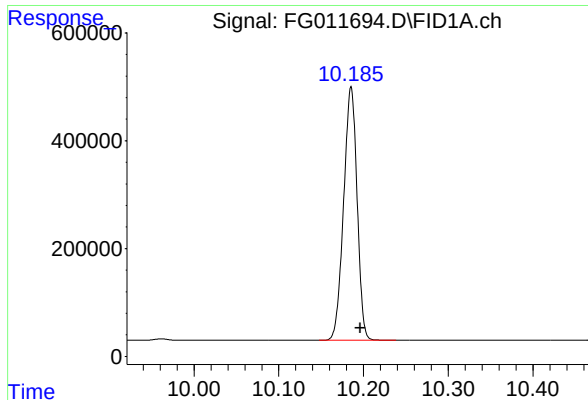
#3 N-DODECANE

R.T.: 6.744 min
Delta R.T.: -0.010 min
Response: 5181301
Conc: 42.46 ug/ml



#4 N-TETRADECANE

R.T.: 8.575 min
Delta R.T.: -0.010 min
Response: 5103480
Conc: 41.94 ug/ml



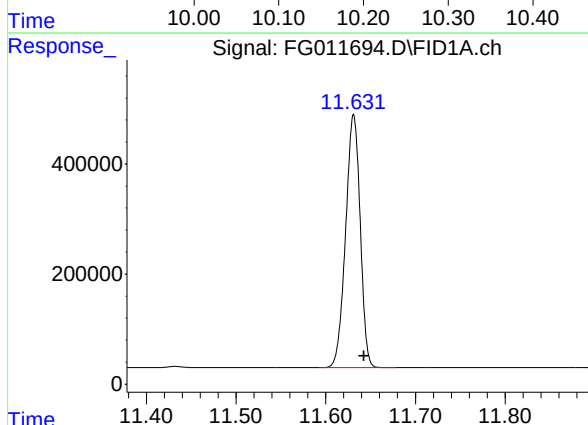
#5 N-HEXADECANE

R.T.: 10.185 min
Delta R.T.: -0.011 min
Response: 5178997
Conc: 42.00 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

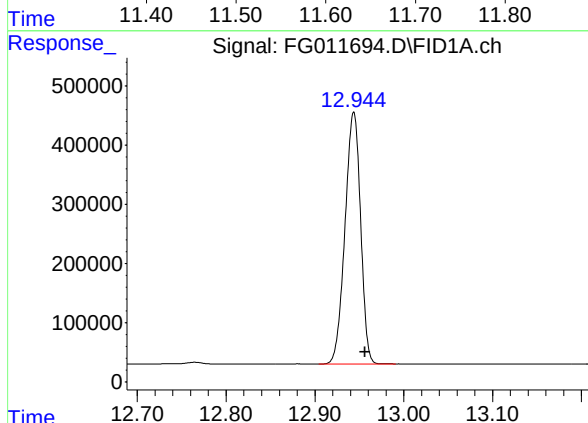
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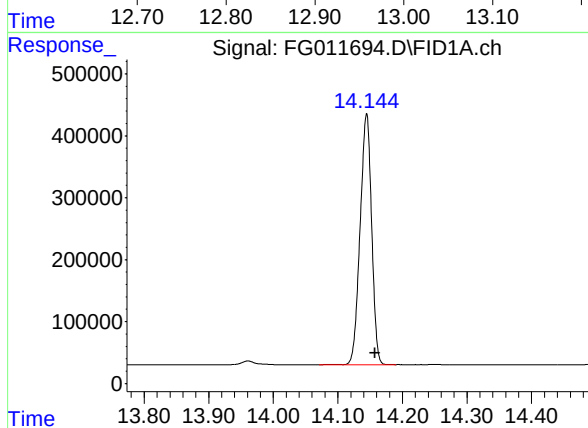
#6 N-OCTADECANE

R.T.: 11.631 min
Delta R.T.: -0.011 min
Response: 5199091
Conc: 42.57 ug/ml



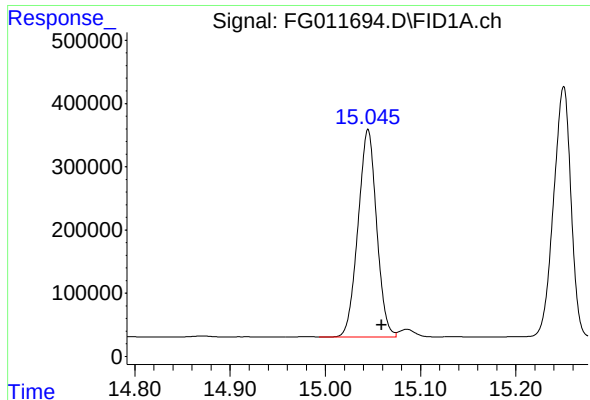
#7 N-EICOSANE

R.T.: 12.944 min
Delta R.T.: -0.012 min
Response: 5184835
Conc: 43.15 ug/ml



#8 N-DOCOSANE

R.T.: 14.145 min
Delta R.T.: -0.013 min
Response: 5023384
Conc: 43.79 ug/ml



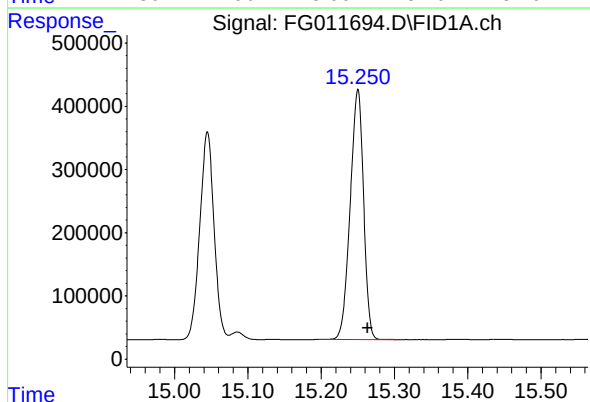
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.045 min
Delta R.T.: -0.014 min
Response: 4445991
Conc: 44.17 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

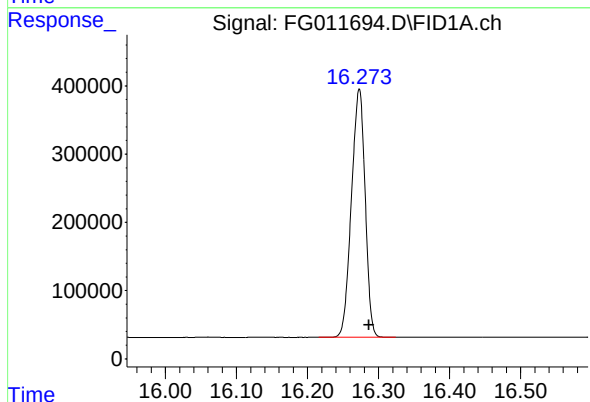
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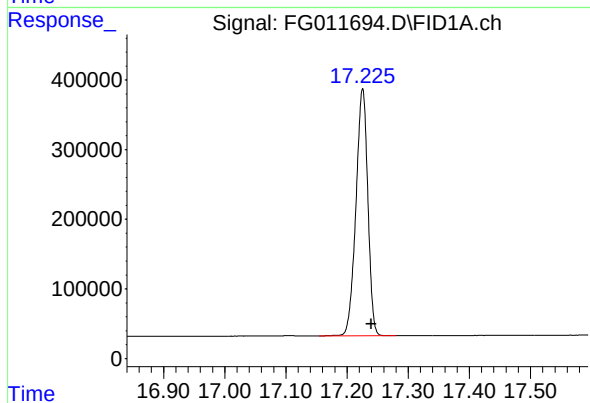
#10 N-TETRACOSANE

R.T.: 15.250 min
Delta R.T.: -0.013 min
Response: 5008894
Conc: 44.34 ug/ml



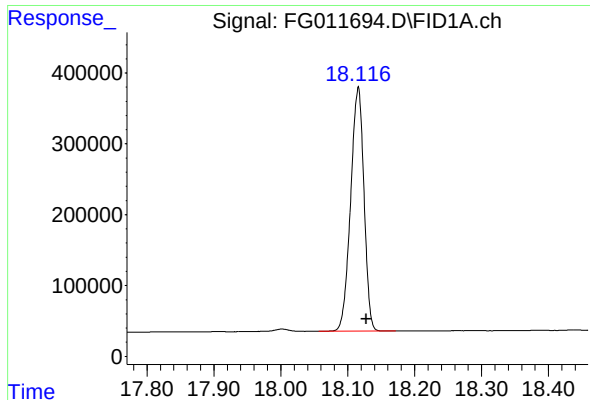
#11 N-HEXACOSANE

R.T.: 16.273 min
Delta R.T.: -0.014 min
Response: 4877689
Conc: 45.17 ug/ml



#12 N-OCTACOSANE

R.T.: 17.226 min
Delta R.T.: -0.014 min
Response: 4785668
Conc: 46.15 ug/ml



#13 N-TRIACONTANE

R.T.: 18.116 min
Delta R.T.: -0.012 min
Response: 4757800
Conc: 48.01 ug/ml

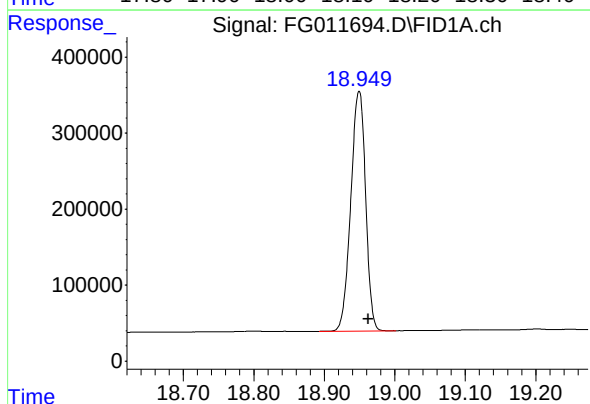
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

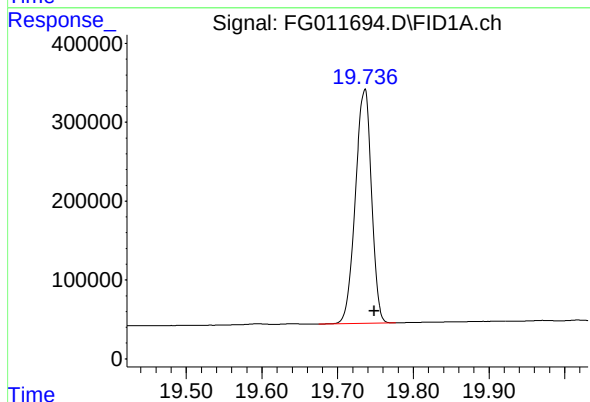
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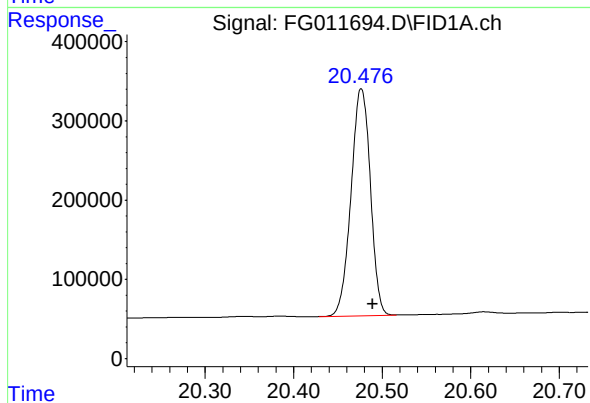
#14 N-DOTRIACONTANE

R.T.: 18.950 min
Delta R.T.: -0.013 min
Response: 4609005
Conc: 49.70 ug/ml



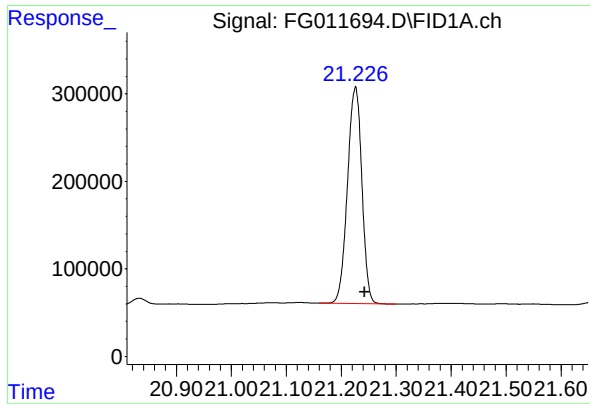
#15 N-TETRATRIACONTANE

R.T.: 19.736 min
Delta R.T.: -0.012 min
Response: 4386512
Conc: 52.03 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.476 min
Delta R.T.: -0.013 min
Response: 4351045
Conc: 56.52 ug/ml m



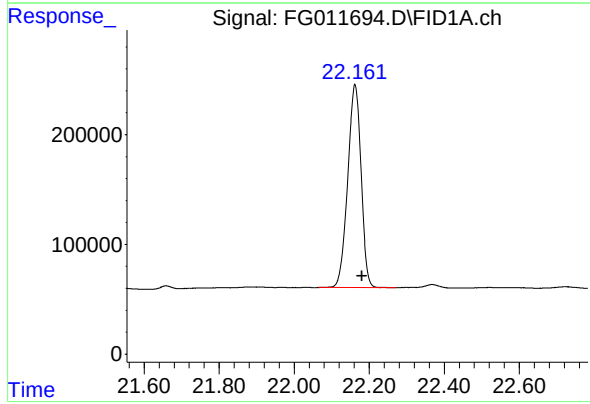
#17 N-OCTATRIACONTANE

R.T.: 21.226 min
Delta R.T.: -0.016 min
Response: 4503067
Conc: 59.81 ug/ml

Instrument : FID_G
ClientSampleId :
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#18 N-TETRACONTANE

R.T.: 22.162 min
Delta R.T.: -0.018 min
Response: 4575232
Conc: 62.34 ug/ml