

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032423\
 Data File : FG011659.D
 Signal(s) : FID1A.ch
 Acq On : 24 Mar 2023 10:56
 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 03/27/2023
 Supervised By :Ankita Jodhani 03/27/2023

Integration File: autoint1.e
 Quant Time: Mar 24 18:08:42 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...	15.049	4958915	49.267 ug/ml
Target Compounds			
1) N-OCTANE	2.057	5156224	43.812 ug/ml
2) N-DECANE	4.576	5563703	46.036 ug/ml
3) N-DODECANE	6.747	5654832	46.342 ug/ml
4) N-TETRADECANE	8.577	5695367	46.803 ug/ml
5) N-HEXADECANE	10.188	5842338	47.379 ug/ml
6) N-OCTADECANE	11.634	5879018	48.135 ug/ml
7) N-EICOSANE	12.947	5850405	48.689 ug/ml
8) N-DOCOSANE	14.148	5648633	49.242 ug/ml
10) N-TETRACOSANE	15.254	5678248	50.268 ug/ml
11) N-HEXACOSANE	16.277	5449148	50.459 ug/ml
12) N-OCTACOSANE	17.229	5314913	51.256 ug/ml
13) N-TRIACONTANE	18.118	5142940	51.896 ug/ml
14) N-DOTRIACONTANE	18.953	4874142	52.554 ug/ml
15) N-TETRATRIACONTANE	19.738	4500465	53.382 ug/ml
16) N-HEXATRIACONTANE	20.479	4343819	56.425 ug/mlm
17) N-OCTATRIACONTANE	21.228	4527860	60.139 ug/ml
18) N-TETRACONTANE	22.166	4726432	64.398 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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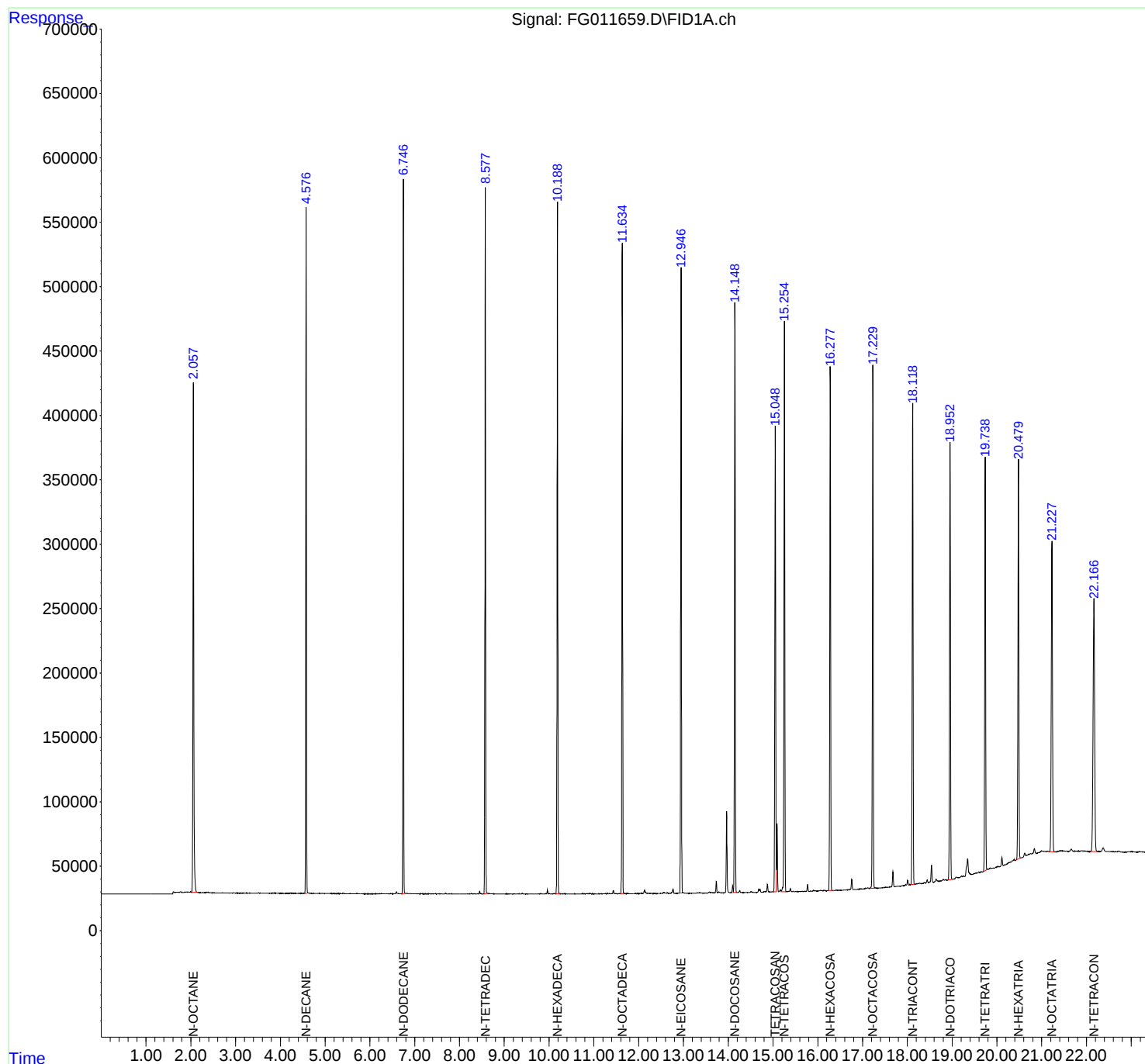
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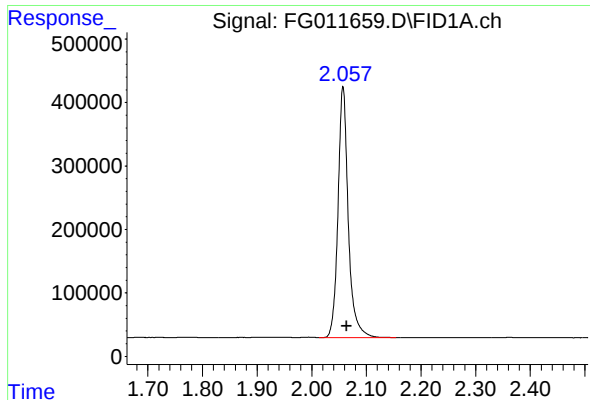
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Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 2.057 min
Delta R.T.: -0.007 min
Response: 5156224
Conc: 43.81 ug/ml

Instrument :

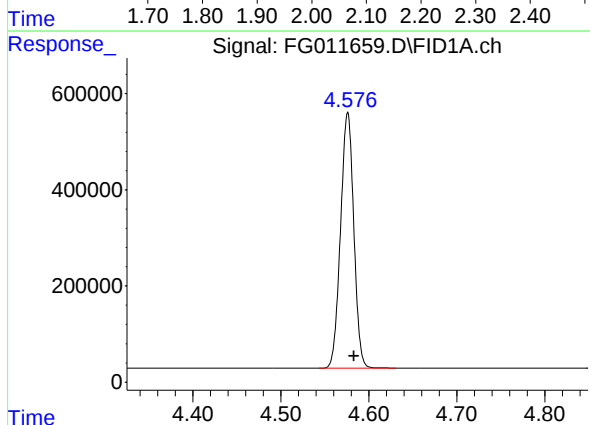
FID_G

ClientSampleId :

50 PPM TRPH STD

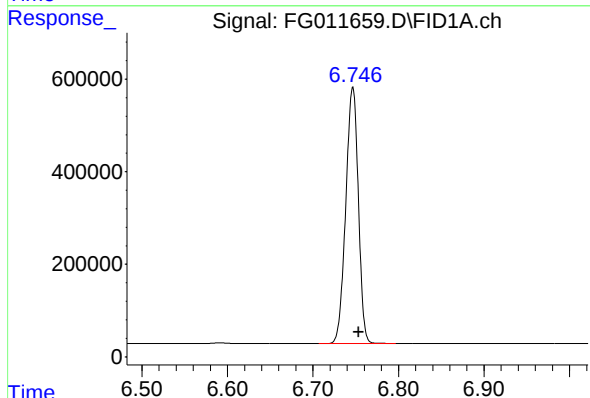
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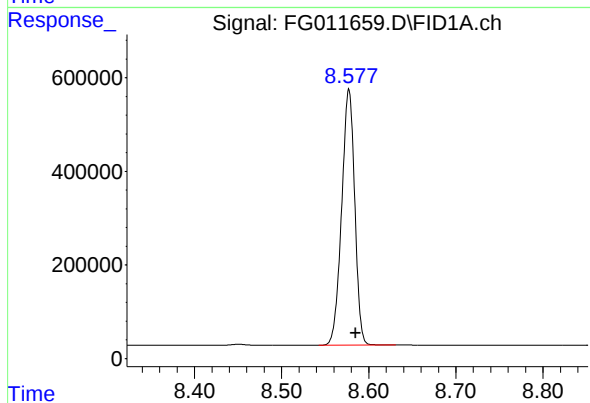
#2 N-DECANE

R.T.: 4.576 min
Delta R.T.: -0.007 min
Response: 5563703
Conc: 46.04 ug/ml



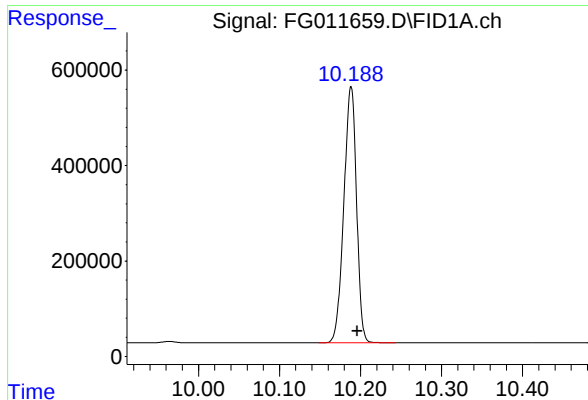
#3 N-DODECANE

R.T.: 6.747 min
Delta R.T.: -0.007 min
Response: 5654832
Conc: 46.34 ug/ml



#4 N-TETRADECANE

R.T.: 8.577 min
Delta R.T.: -0.007 min
Response: 5695367
Conc: 46.80 ug/ml



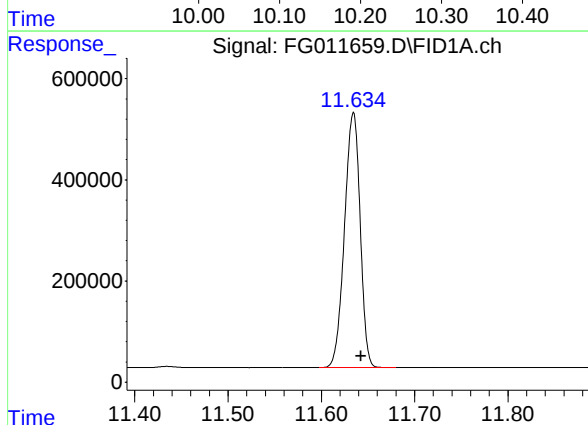
#5 N-HEXADECANE

R.T.: 10.188 min
Delta R.T.: -0.008 min
Response: 5842338
Conc: 47.38 ug/ml

Instrument :
FID_G
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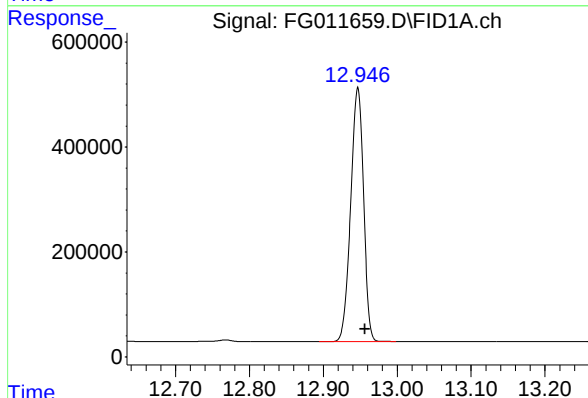
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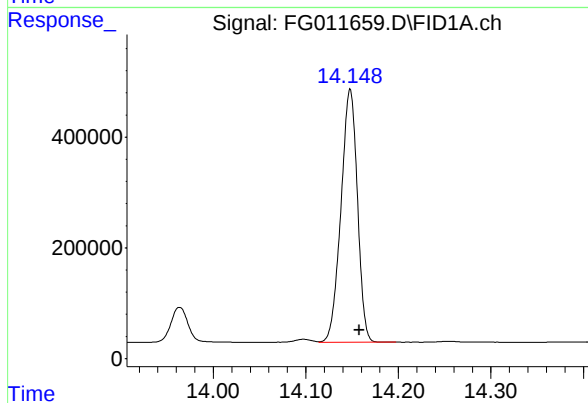
#6 N-OCTADECANE

R.T.: 11.634 min
Delta R.T.: -0.008 min
Response: 5879018
Conc: 48.13 ug/ml



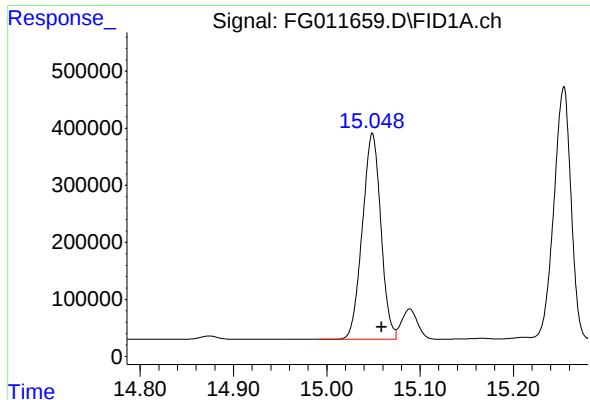
#7 N-EICOSANE

R.T.: 12.947 min
Delta R.T.: -0.009 min
Response: 5850405
Conc: 48.69 ug/ml



#8 N-DOCOSANE

R.T.: 14.148 min
Delta R.T.: -0.010 min
Response: 5648633
Conc: 49.24 ug/ml



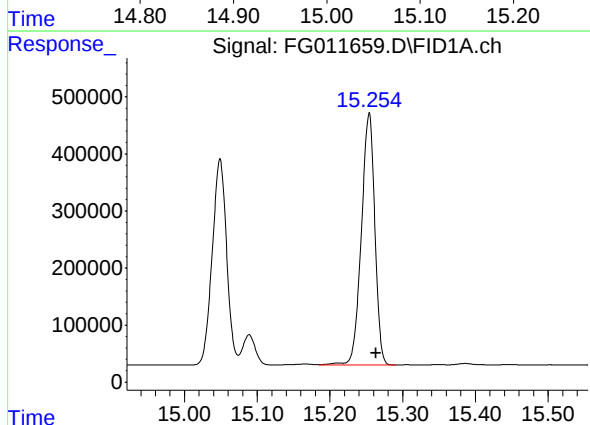
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.049 min
Delta R.T.: -0.010 min
Response: 4958915
Conc: 49.27 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

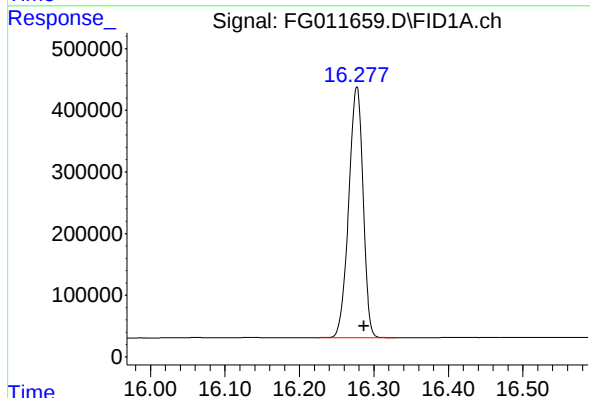
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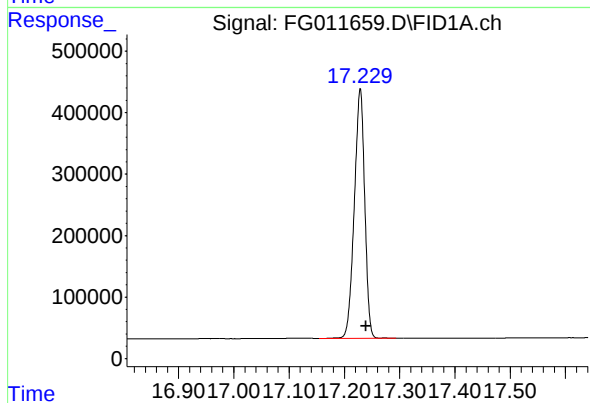
#10 N-TETRACOSANE

R.T.: 15.254 min
Delta R.T.: -0.009 min
Response: 5678248
Conc: 50.27 ug/ml



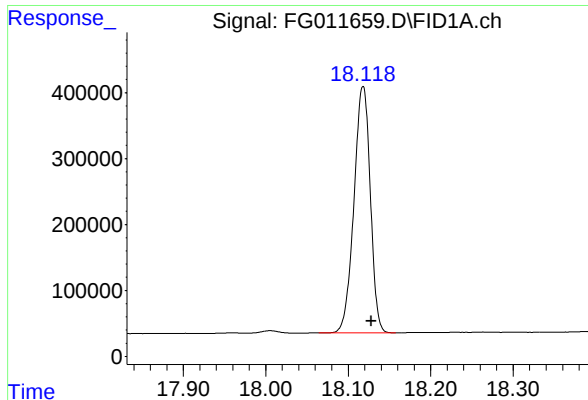
#11 N-HEXACOSANE

R.T.: 16.277 min
Delta R.T.: -0.009 min
Response: 5449148
Conc: 50.46 ug/ml



#12 N-OCTACOSANE

R.T.: 17.229 min
Delta R.T.: -0.011 min
Response: 5314913
Conc: 51.26 ug/ml



#13 N-TRIACONTANE

R.T.: 18.118 min
Delta R.T.: -0.010 min
Response: 5142940
Conc: 51.90 ug/ml

Instrument :

FID_G

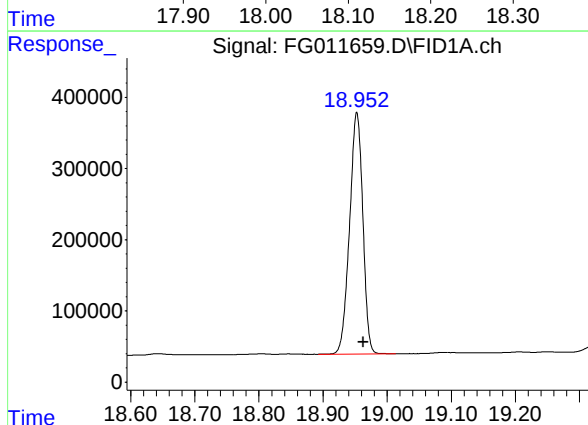
ClientSampleId :

50 PPM TRPH STD

Manual Integrations

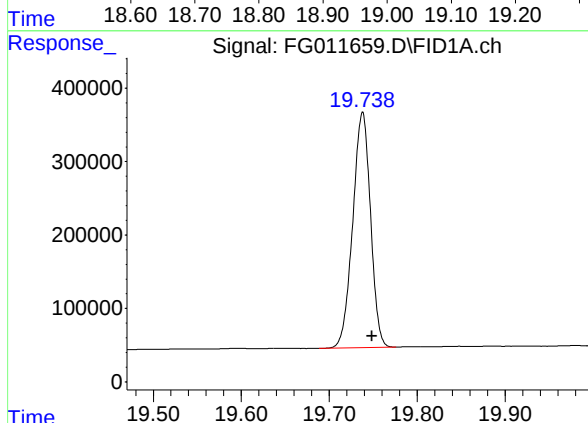
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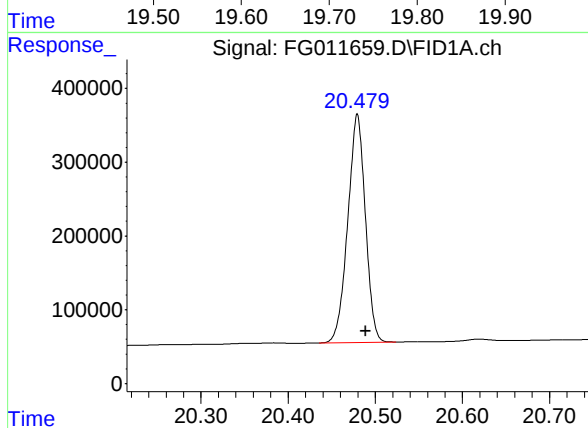
#14 N-DOTRIACONTANE

R.T.: 18.953 min
Delta R.T.: -0.010 min
Response: 4874142
Conc: 52.55 ug/ml



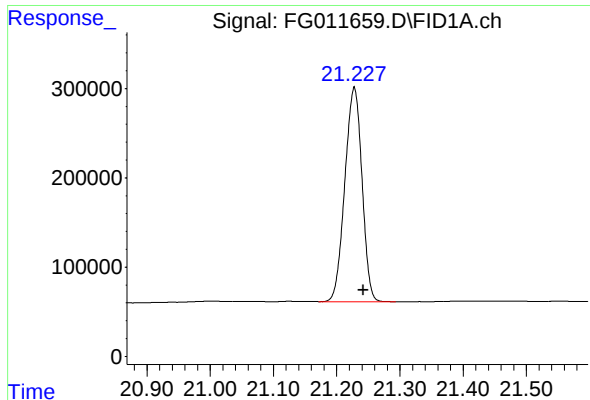
#15 N-TETRATRIACONTANE

R.T.: 19.738 min
Delta R.T.: -0.011 min
Response: 4500465
Conc: 53.38 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.479 min
Delta R.T.: -0.010 min
Response: 4343819
Conc: 56.42 ug/ml m



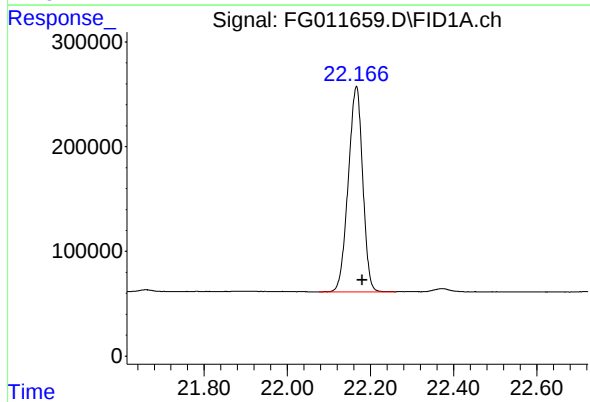
#17 N-OCTATRIACONTANE

R.T.: 21.228 min
Delta R.T.: -0.014 min
Response: 4527860
Conc: 60.14 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.166 min
Delta R.T.: -0.014 min
Response: 4726432
Conc: 64.40 ug/ml