

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG072123\
 Data File : FG012555.D
 Signal(s) : FID1A.ch
 Acq On : 22 Jul 2023 01:55
 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 07/24/2023
 Supervised By :Ankita Jodhani 07/24/2023

Integration File: autoint1.e
 Quant Time: Jul 22 02:22:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070623.M
 Quant Title :
 QLast Update : Thu Jul 06 13:57:02 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...	14.979	5088500	47.616 ug/ml
Target Compounds			
1) N-OCTANE	2.006	6276350	52.238 ug/ml
2) N-DECANE	4.515	6383070	52.368 ug/ml
3) N-DODECANE	6.686	6234012	50.887 ug/ml
4) N-TETRADECANE	8.514	6058542	50.983 ug/ml
5) N-HEXADECANE	10.124	6121847	48.823 ug/ml
6) N-OCTADECANE	11.568	6165390	47.995 ug/ml
7) N-EICOSANE	12.879	6024256	47.693 ug/ml
8) N-DOCOSANE	14.079	5852373	47.631 ug/ml
10) N-TETRACOSANE	15.184	6097786	46.091 ug/ml
11) N-HEXACOSANE	16.205	5666742	48.424 ug/ml
12) N-OCTACOSANE	17.157	5594380	48.998 ug/ml
13) N-TRIACONTANE	18.046	5481617	49.432 ug/ml
14) N-DOTRIACONTANE	18.879	5197415	49.728 ug/ml
15) N-TETRATRIACONTANE	19.663	4759113	48.334 ug/ml
16) N-HEXATRIACONTANE	20.405	4424047	47.831 ug/ml
17) N-OCTATRIACONTANE	21.139	4374515	49.057 ug/mlm
18) N-TETRACONTANE	22.046	4289848	48.322 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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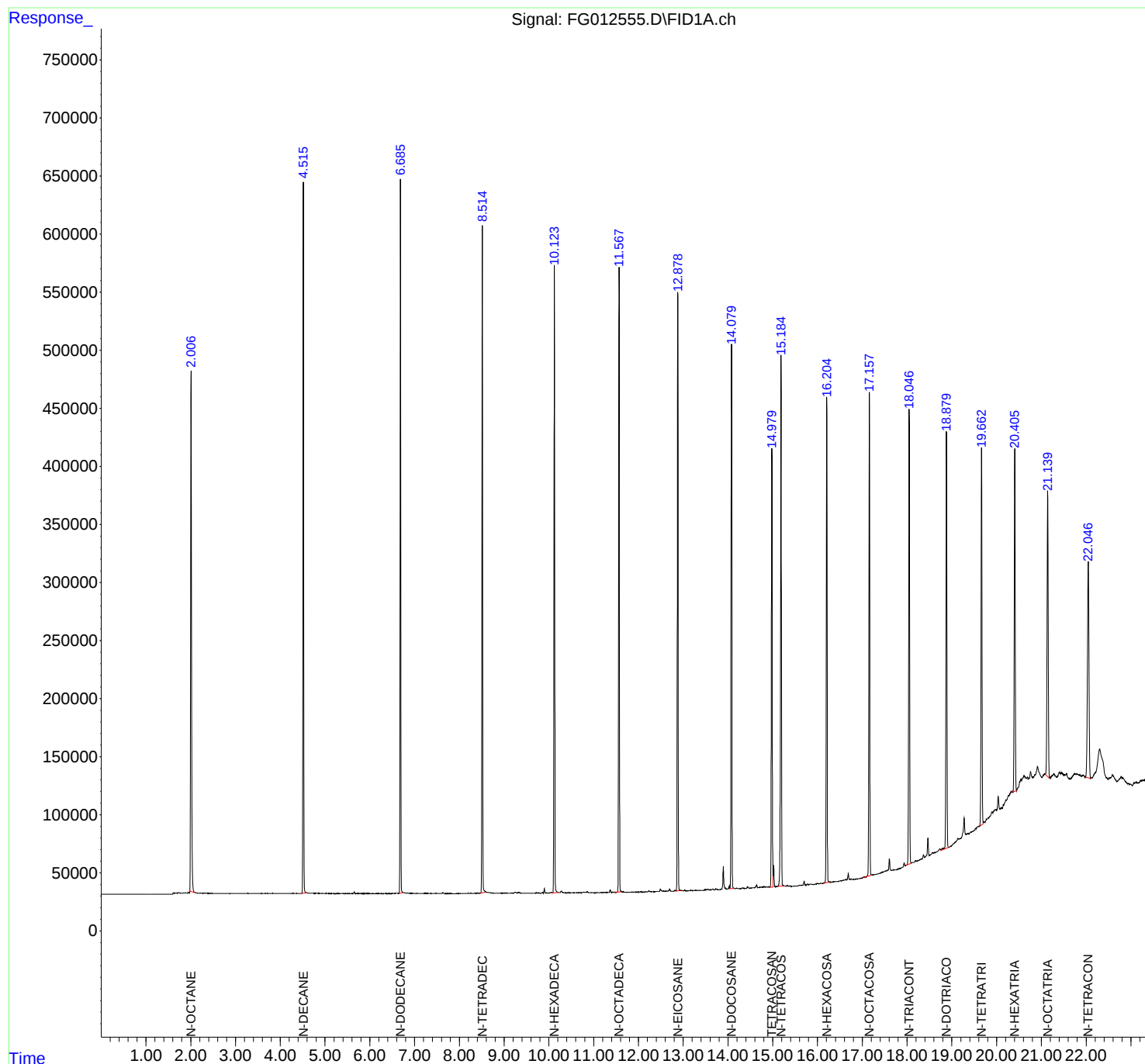
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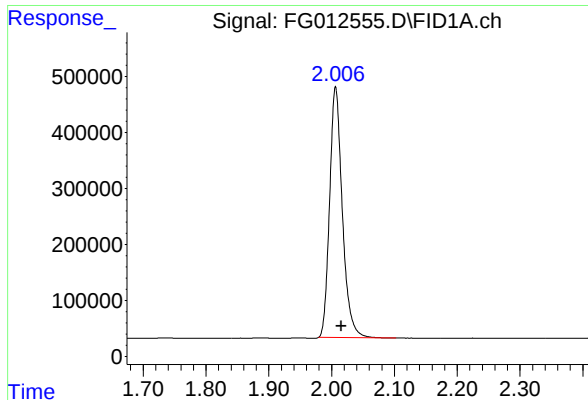
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#1 N-OCTANE

R.T.: 2.006 min
Delta R.T.: -0.010 min
Response: 6276350
Conc: 52.24 ug/ml

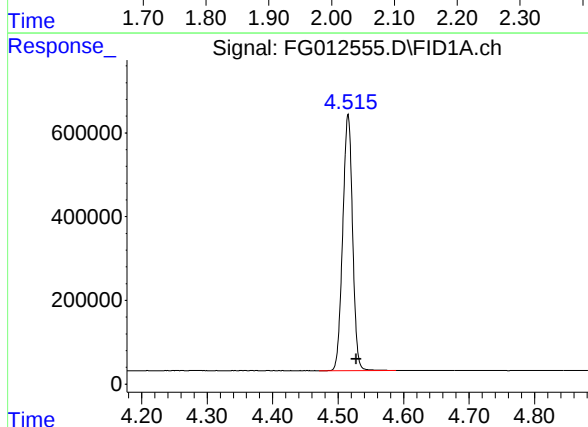
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

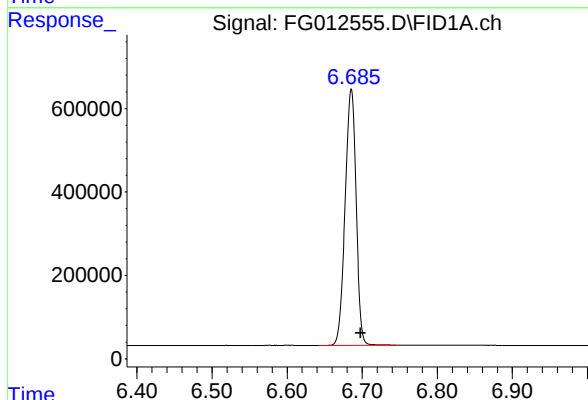
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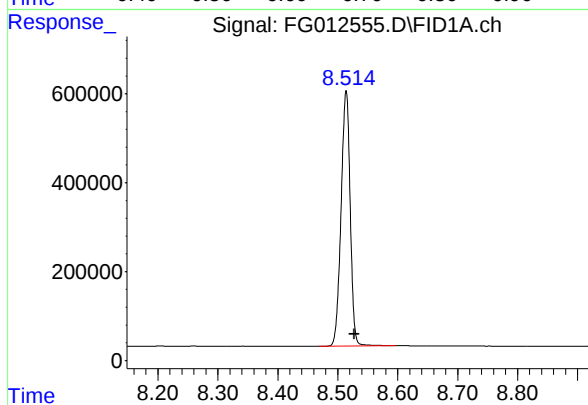
#2 N-DECANE

R.T.: 4.515 min
Delta R.T.: -0.012 min
Response: 6383070
Conc: 52.37 ug/ml



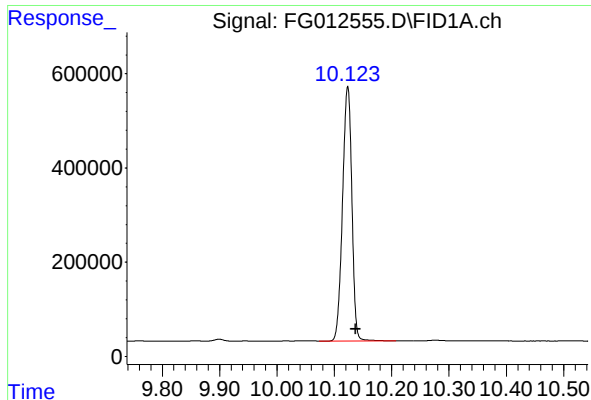
#3 N-DODECANE

R.T.: 6.686 min
Delta R.T.: -0.013 min
Response: 6234012
Conc: 50.89 ug/ml



#4 N-TETRADECANE

R.T.: 8.514 min
Delta R.T.: -0.013 min
Response: 6058542
Conc: 50.98 ug/ml



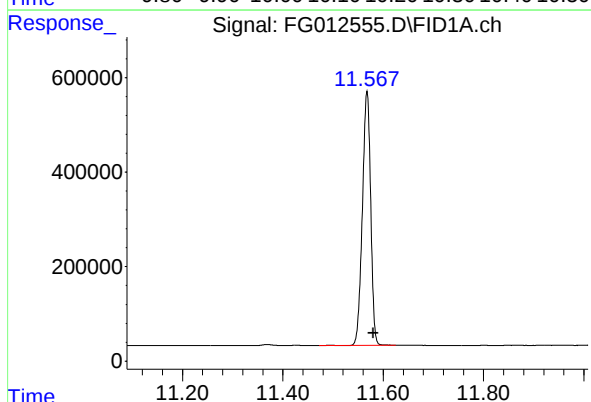
#5 N-HEXADECANE

R.T.: 10.124 min
Delta R.T.: -0.013 min
Response: 6121847
Conc: 48.82 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

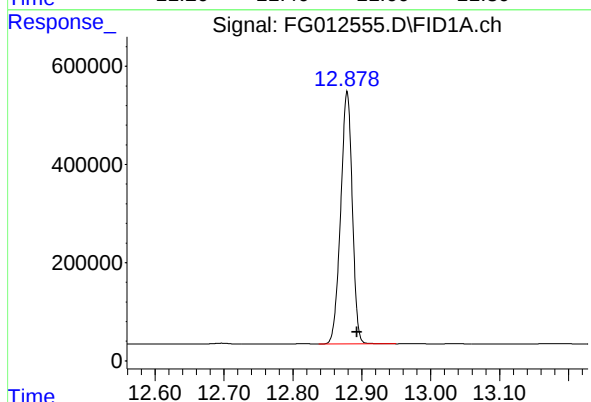
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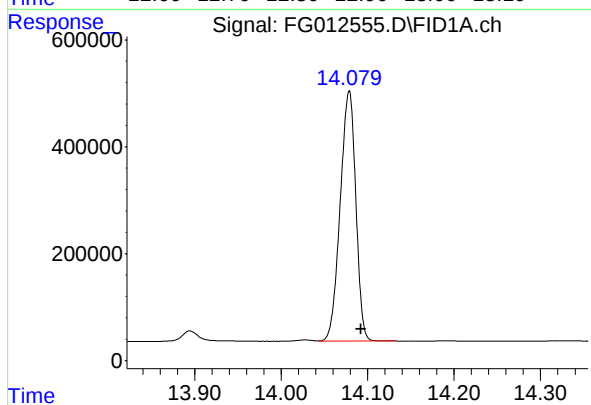
#6 N-OCTADECANE

R.T.: 11.568 min
Delta R.T.: -0.013 min
Response: 6165390
Conc: 47.99 ug/ml



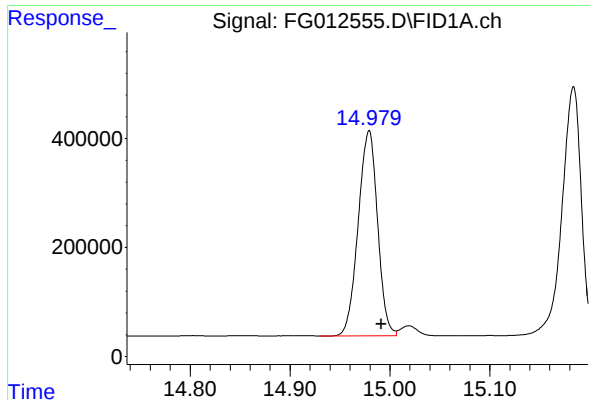
#7 N-EICOSANE

R.T.: 12.879 min
Delta R.T.: -0.014 min
Response: 6024256
Conc: 47.69 ug/ml



#8 N-DOCOSANE

R.T.: 14.079 min
Delta R.T.: -0.014 min
Response: 5852373
Conc: 47.63 ug/ml



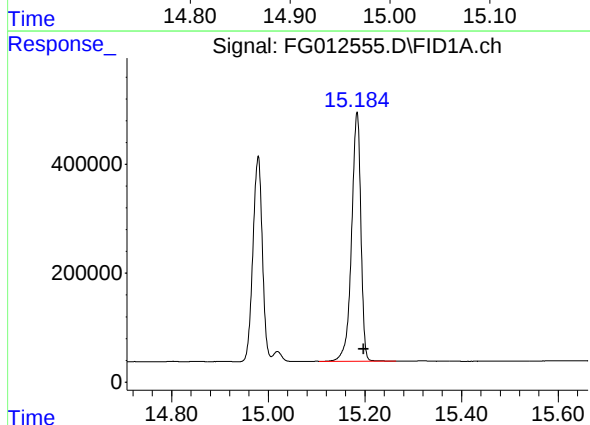
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.979 min
Delta R.T.: -0.012 min
Response: 5088500
Conc: 47.62 ug/ml

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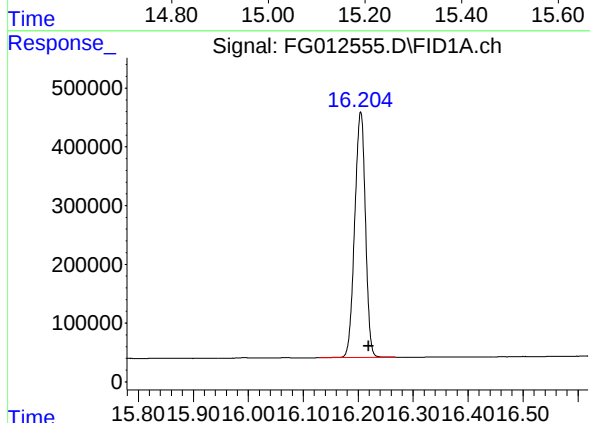
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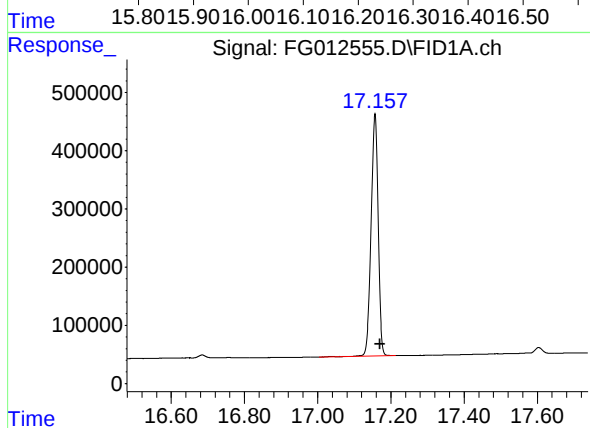
#10 N-TETRACOSANE

R.T.: 15.184 min
Delta R.T.: -0.013 min
Response: 6097786
Conc: 46.09 ug/ml



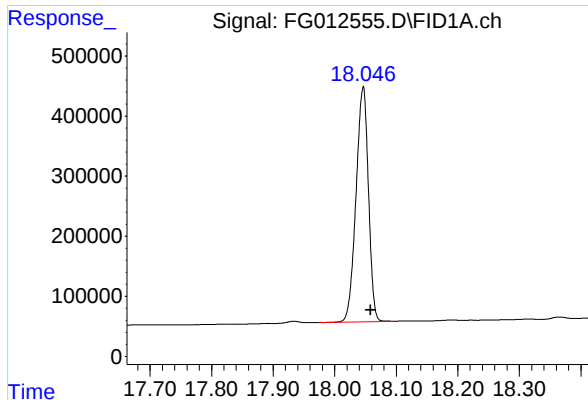
#11 N-HEXACOSANE

R.T.: 16.205 min
Delta R.T.: -0.015 min
Response: 5666742
Conc: 48.42 ug/ml



#12 N-OCTACOSANE

R.T.: 17.157 min
Delta R.T.: -0.013 min
Response: 5594380
Conc: 49.00 ug/ml



#13 N-TRIACONTANE

R.T.: 18.046 min
Delta R.T.: -0.012 min
Response: 5481617
Conc: 49.43 ug/ml

Instrument :

FID_G

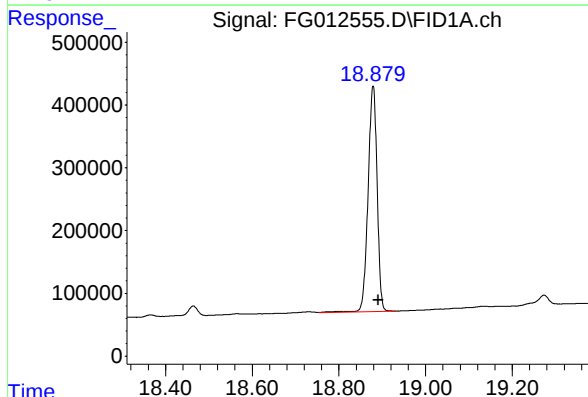
ClientSampleId :

50 PPM TRPH STD

Manual Integrations

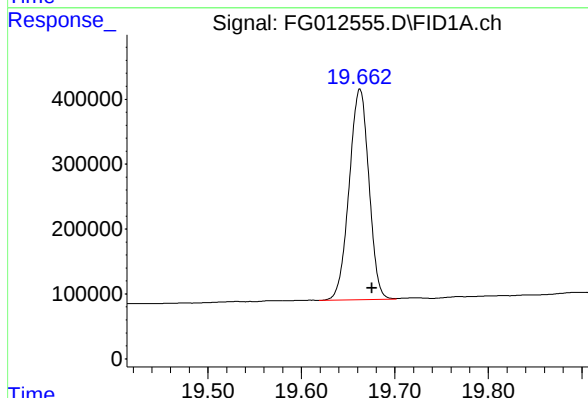
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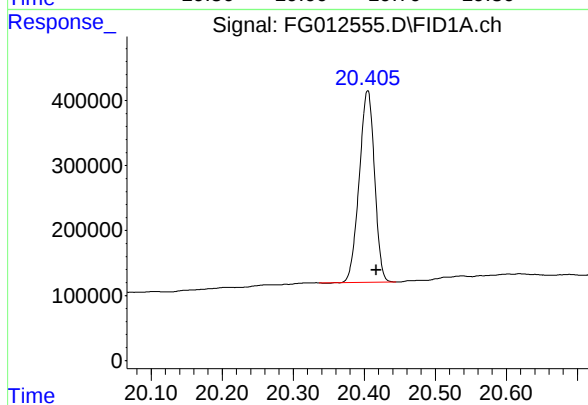
#14 N-DOTRIACONTANE

R.T.: 18.879 min
Delta R.T.: -0.012 min
Response: 5197415
Conc: 49.73 ug/ml



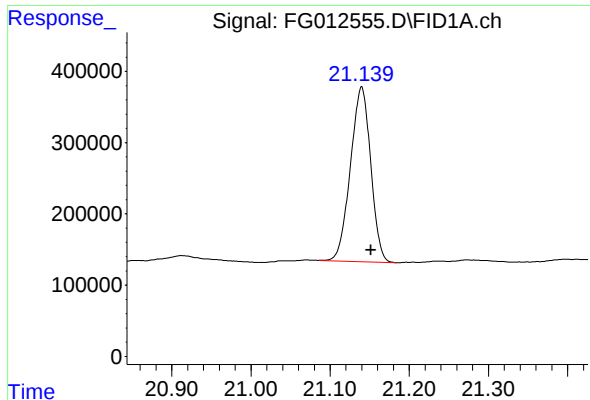
#15 N-TETRATRIACONTANE

R.T.: 19.663 min
Delta R.T.: -0.013 min
Response: 4759113
Conc: 48.33 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.405 min
Delta R.T.: -0.012 min
Response: 4424047
Conc: 47.83 ug/ml



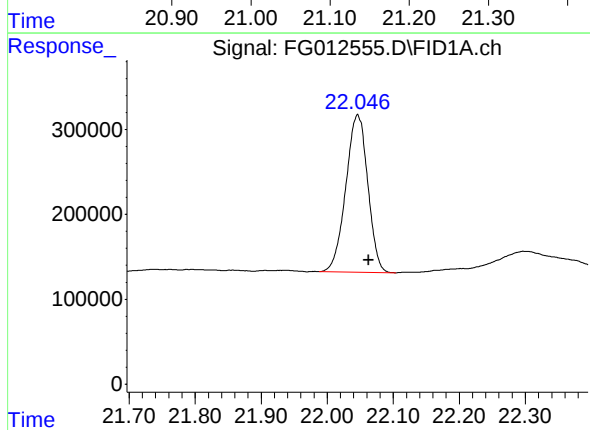
#17 N-OCTATRIACONTANE

R.T.: 21.139 min
Delta R.T.: -0.012 min
Response: 4374515
Conc: 49.06 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.046 min
Delta R.T.: -0.017 min
Response: 4289848
Conc: 48.32 ug/ml