

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041123\
 Data File : FG011769.D
 Signal(s) : FID1A.ch
 Acq On : 11 Apr 2023 08:44
 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 04/12/2023
 Supervised By :Ankita Jodhani 04/12/2023

Integration File: autoint1.e
 Quant Time: Apr 12 03:42:40 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...	15.046	5411837	53.767 ug/ml
Target Compounds			
1) N-OCTANE	2.045	6433736	54.667 ug/ml
2) N-DECANE	4.567	6939808	57.423 ug/ml
3) N-DODECANE	6.740	7007170	57.424 ug/ml
4) N-TETRADECANE	8.572	6933800	56.980 ug/ml
5) N-HEXADECANE	10.183	6944346	56.316 ug/ml
6) N-OCTADECANE	11.631	6804402	55.711 ug/ml
7) N-EICOSANE	12.943	6572356	54.698 ug/ml
8) N-DOCOSANE	14.145	6197284	54.025 ug/ml
10) N-TETRACOSANE	15.251	6103022	54.028 ug/ml
11) N-HEXACOSANE	16.275	5887525	54.518 ug/ml
12) N-OCTACOSANE	17.227	5734736	55.305 ug/ml
13) N-TRIACONTANE	18.117	5582168	56.329 ug/ml
14) N-DOTRIACONTANE	18.953	5366288	57.861 ug/ml
15) N-TETRATRIACONTANE	19.739	5173872	61.370 ug/ml
16) N-HEXATRIACONTANE	20.479	5111079	66.391 ug/mlm
17) N-OCTATRIACONTANE	21.231	5088252	67.582 ug/ml
18) N-TETRACONTANE	22.169	4917488	67.002 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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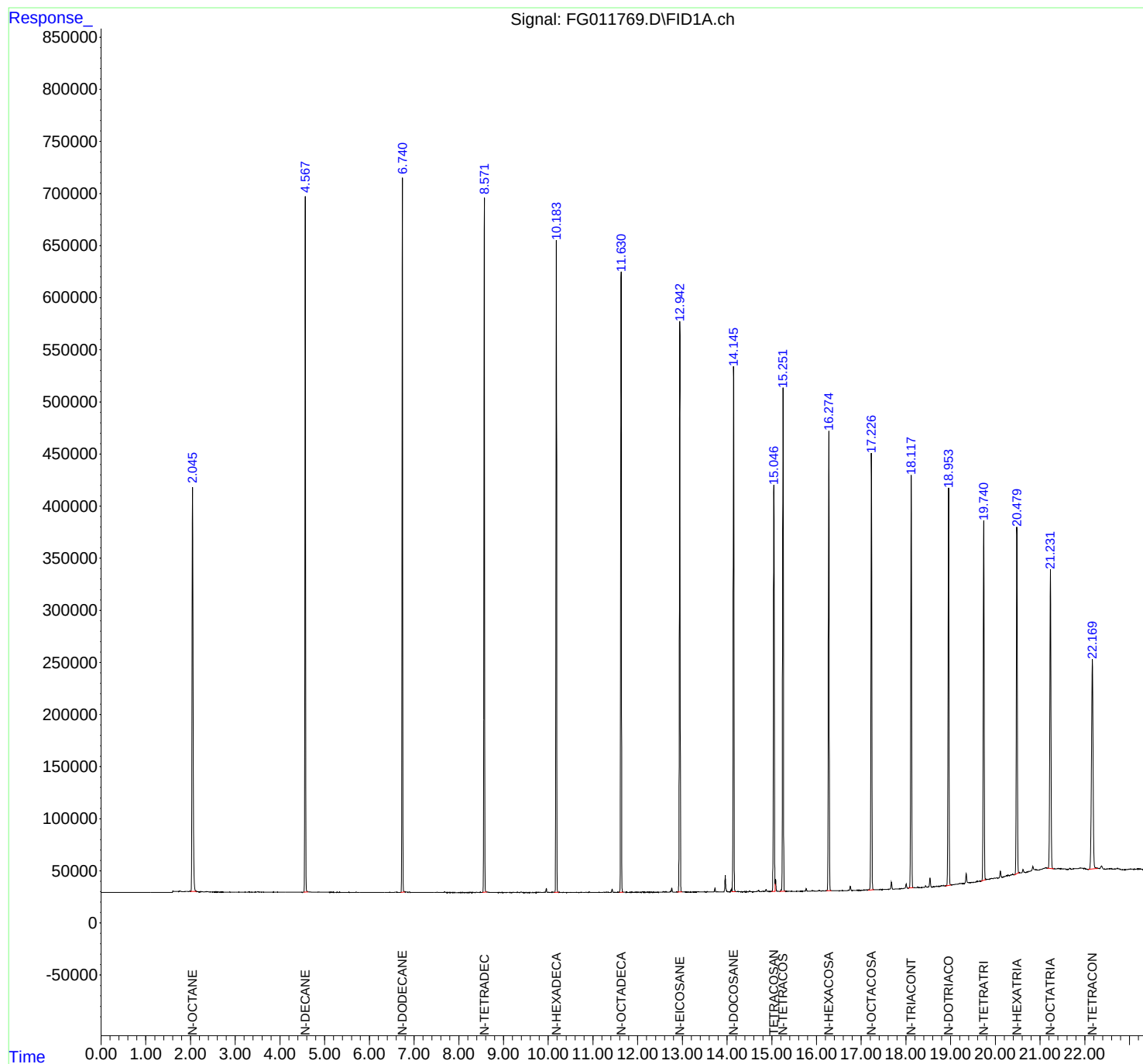
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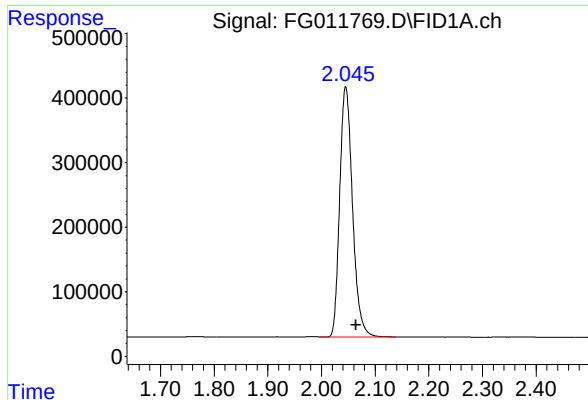
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#1 N-OCTANE

R.T.: 2.045 min
Delta R.T.: -0.019 min
Response: 6433736
Conc: 54.67 ug/ml

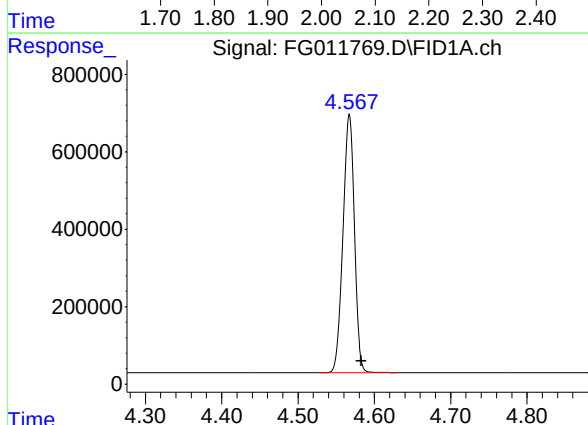
Instrument :

FID_G

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50 PPM TRPH STD

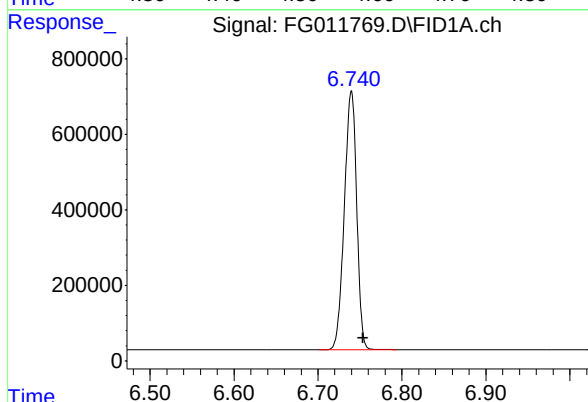
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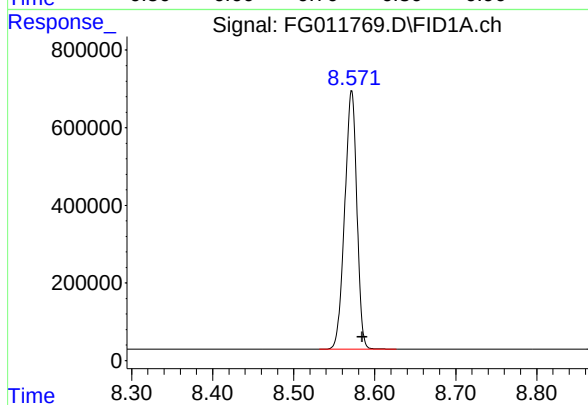
#2 N-DECANE

R.T.: 4.567 min
Delta R.T.: -0.016 min
Response: 6939808
Conc: 57.42 ug/ml



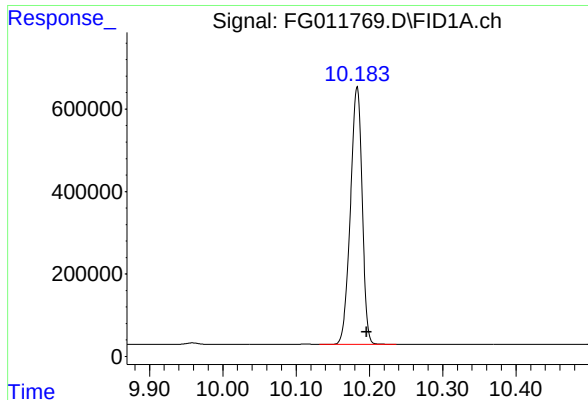
#3 N-DODECANE

R.T.: 6.740 min
Delta R.T.: -0.014 min
Response: 7007170
Conc: 57.42 ug/ml



#4 N-TETRADECANE

R.T.: 8.572 min
Delta R.T.: -0.013 min
Response: 6933800
Conc: 56.98 ug/ml



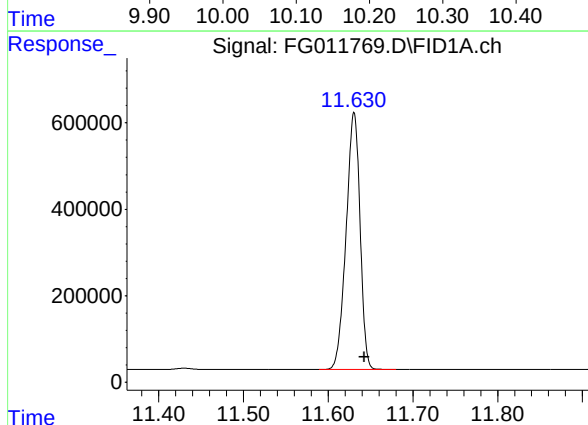
#5 N-HEXADECANE

R.T.: 10.183 min
Delta R.T.: -0.013 min
Response: 6944346
Conc: 56.32 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

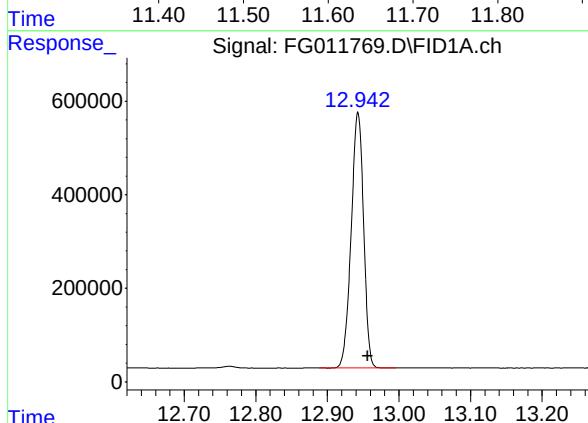
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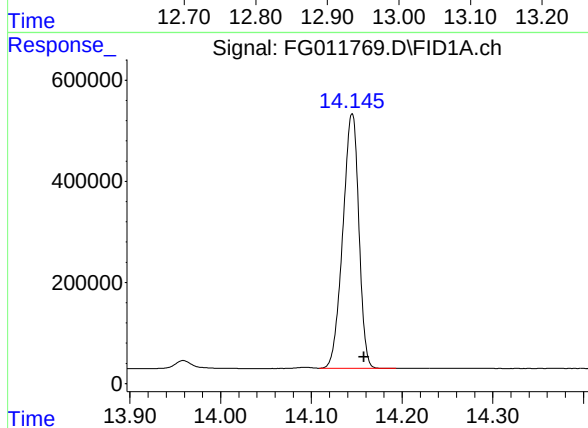
#6 N-OCTADECANE

R.T.: 11.631 min
Delta R.T.: -0.012 min
Response: 6804402
Conc: 55.71 ug/ml



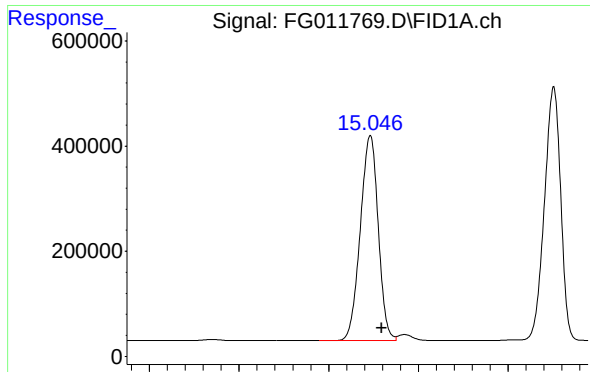
#7 N-EICOSANE

R.T.: 12.943 min
Delta R.T.: -0.013 min
Response: 6572356
Conc: 54.70 ug/ml



#8 N-DOCOSANE

R.T.: 14.145 min
Delta R.T.: -0.013 min
Response: 6197284
Conc: 54.03 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.046 min
Delta R.T.: -0.013 min
Response: 5411837
Conc: 53.77 ug/ml

Instrument :

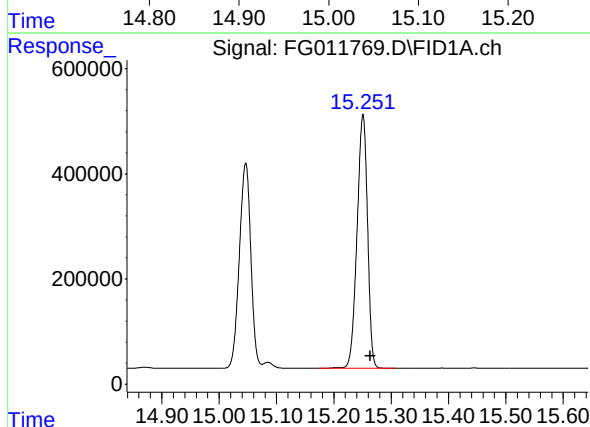
FID_G

ClientSampleId :

50 PPM TRPH STD

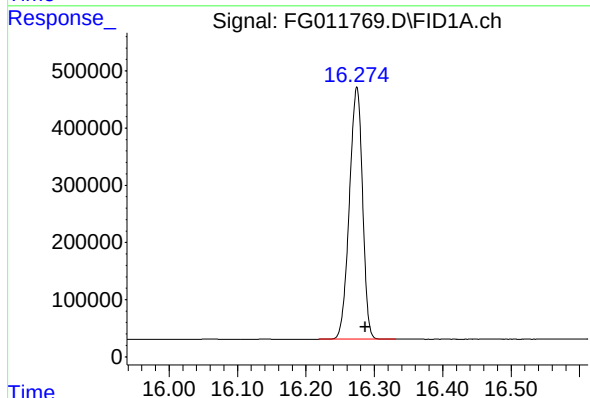
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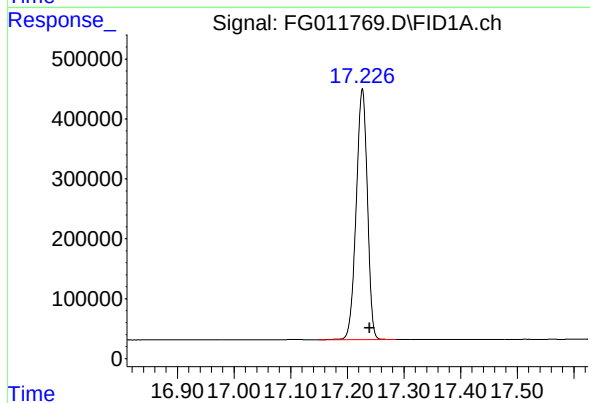
#10 N-TETRACOSANE

R.T.: 15.251 min
Delta R.T.: -0.013 min
Response: 6103022
Conc: 54.03 ug/ml



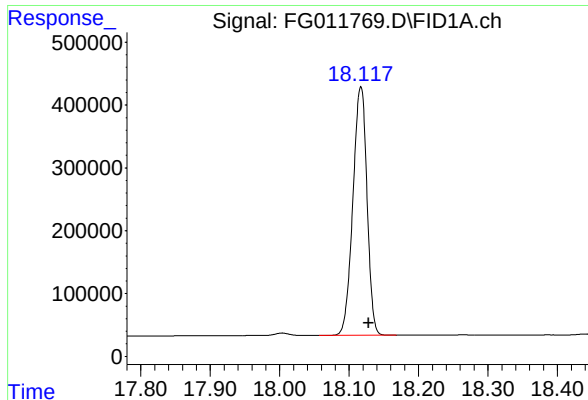
#11 N-HEXACOSANE

R.T.: 16.275 min
Delta R.T.: -0.012 min
Response: 5887525
Conc: 54.52 ug/ml



#12 N-OCTACOSANE

R.T.: 17.227 min
Delta R.T.: -0.013 min
Response: 5734736
Conc: 55.30 ug/ml



#13 N-TRIACONTANE

R.T.: 18.117 min
Delta R.T.: -0.011 min
Response: 5582168
Conc: 56.33 ug/ml

Instrument :

FID_G

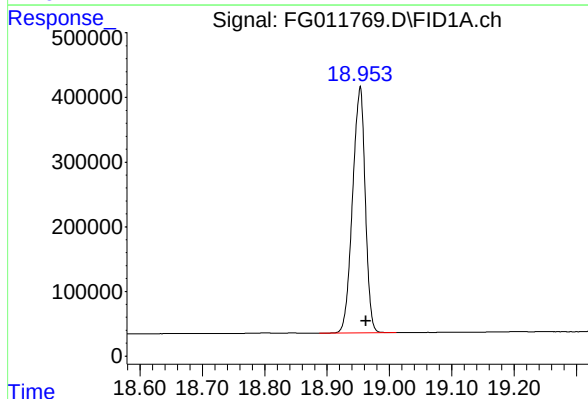
ClientSampleId :

50 PPM TRPH STD

Manual Integrations

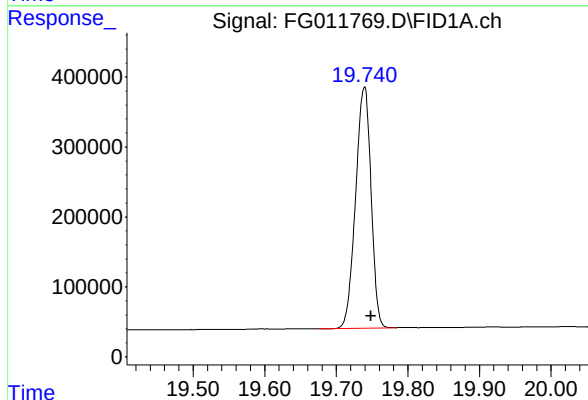
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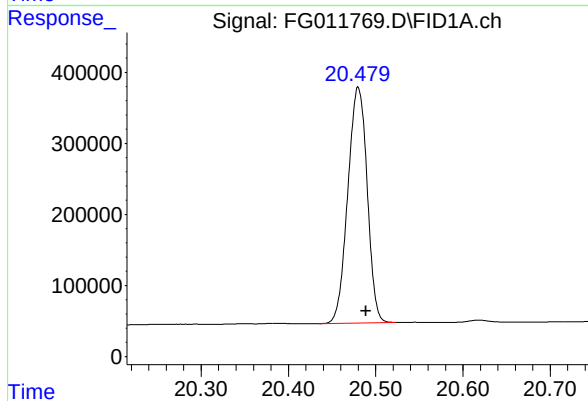
#14 N-DOTRIACONTANE

R.T.: 18.953 min
Delta R.T.: -0.009 min
Response: 5366288
Conc: 57.86 ug/ml



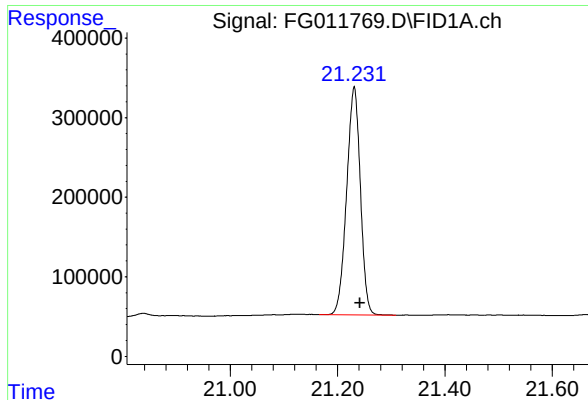
#15 N-TETRATRIACONTANE

R.T.: 19.739 min
Delta R.T.: -0.009 min
Response: 5173872
Conc: 61.37 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.479 min
Delta R.T.: -0.010 min
Response: 5111079
Conc: 66.39 ug/ml m



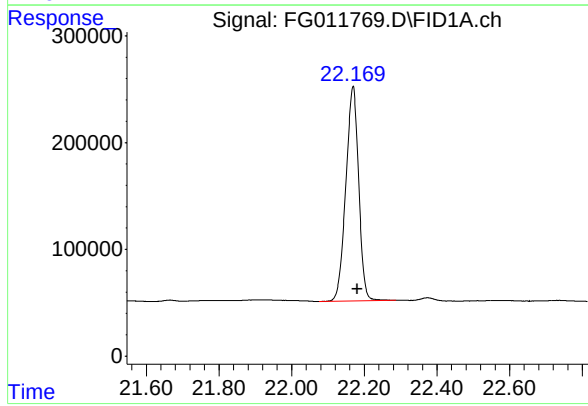
#17 N-OCTATRIACONTANE

R.T.: 21.231 min
Delta R.T.: -0.011 min
Response: 5088252
Conc: 67.58 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.169 min
Delta R.T.: -0.011 min
Response: 4917488
Conc: 67.00 ug/ml