

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG110723\
 Data File : FG013150.D
 Signal(s) : FID1A.ch
 Acq On : 07 Nov 2023 16:37
 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 11/08/2023
 Supervised By :Ankita Jodhani 11/08/2023

Integration File: autoint1.e
 Quant Time: Nov 07 21:57:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG101623.M
 Quant Title :
 QLast Update : Mon Oct 16 12:31:23 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...	15.092	5035242	48.067 ug/ml
Target Compounds			
1) N-OCTANE	2.073	4886979	42.974 ug/ml
2) N-DECANE	4.597	5376549	46.763 ug/ml
3) N-DODECANE	6.774	5438713	47.085 ug/ml
4) N-TETRADECANE	8.609	5447496	47.775 ug/ml
5) N-HEXADECANE	10.223	5550754	47.803 ug/ml
6) N-OCTADECANE	11.672	5545925	47.762 ug/ml
7) N-EICOSANE	12.987	5499418	47.776 ug/ml
8) N-DOCOSANE	14.190	5309018	47.979 ug/ml
10) N-TETRACOSANE	15.297	5361305	48.796 ug/ml
11) N-HEXACOSANE	16.321	5224211	48.545 ug/ml
12) N-OCTACOSANE	17.274	5260182	49.333 ug/ml
13) N-TRIACONTANE	18.163	5374641	50.183 ug/ml
14) N-DOTRIACONTANE	18.996	5322803	50.853 ug/ml
15) N-TETRATRIACONTANE	19.782	4773771	52.447 ug/ml
16) N-HEXATRIACONTANE	20.521	3823931	51.991 ug/ml
17) N-OCTATRIACONTANE	21.282	3562884	50.340 ug/ml
18) N-TETRACONTANE	22.238	3402719	46.942 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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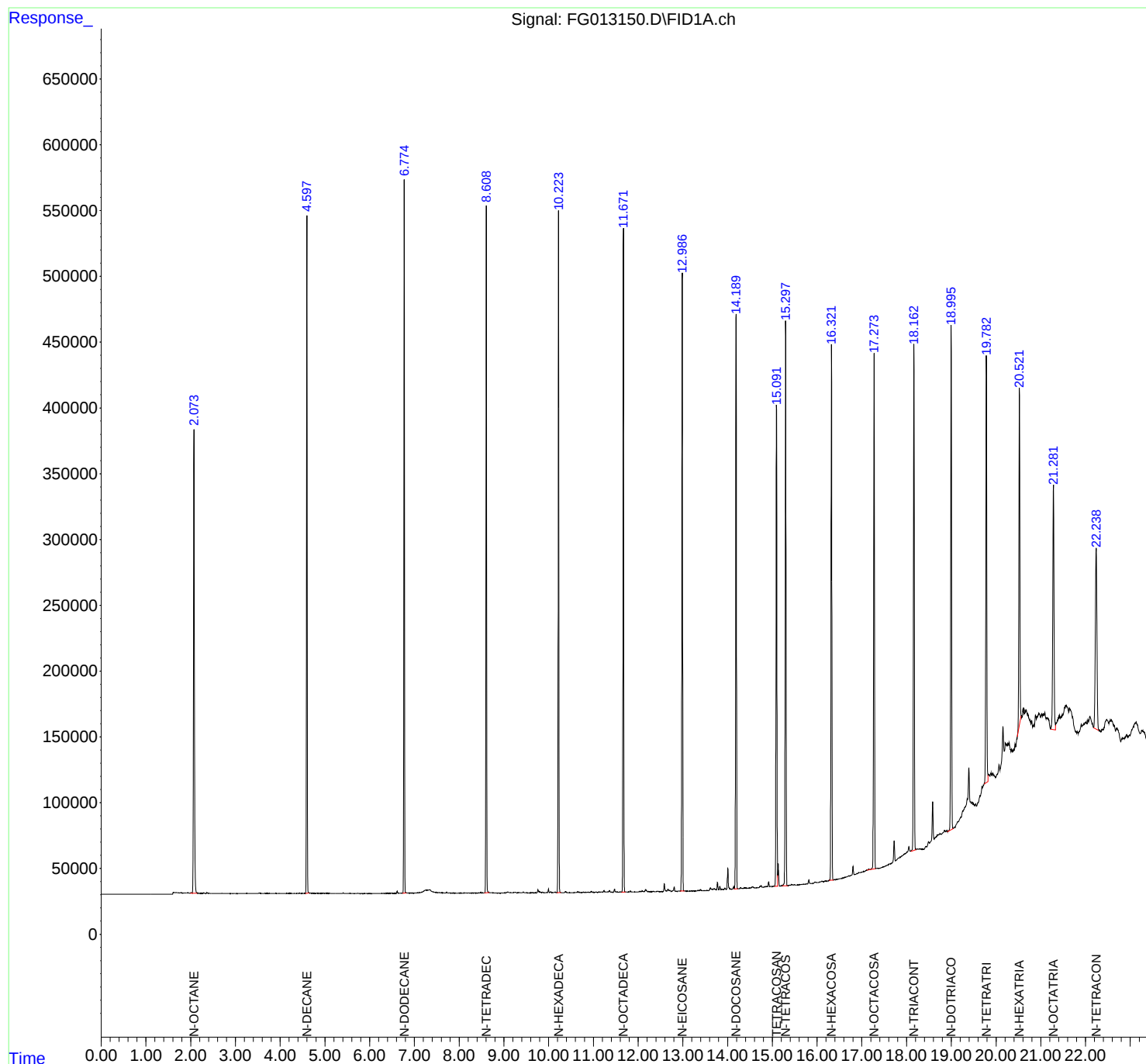
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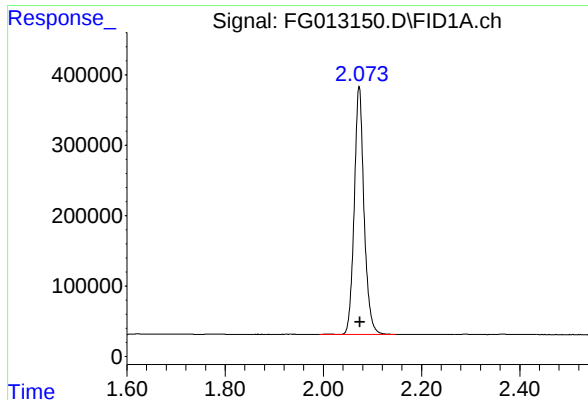
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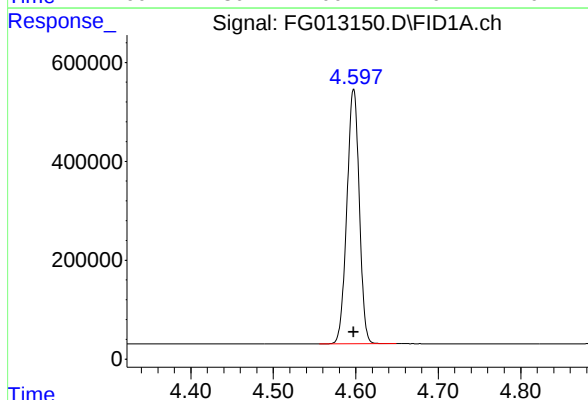
#1 N-OCTANE

R.T.: 2.073 min
Delta R.T.: -0.002 min
Response: 4886979
Conc: 42.97 ug/ml

Instrument :
FID_G
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50 PPM TRPH STD

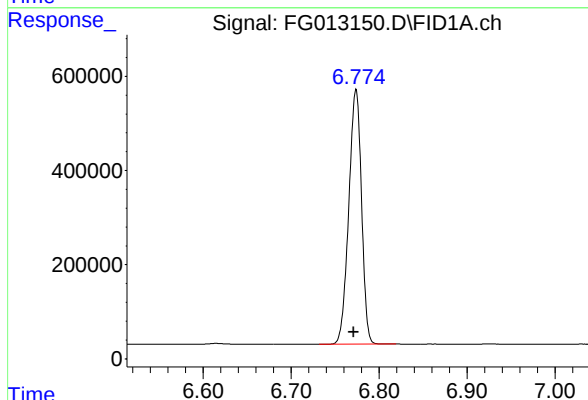
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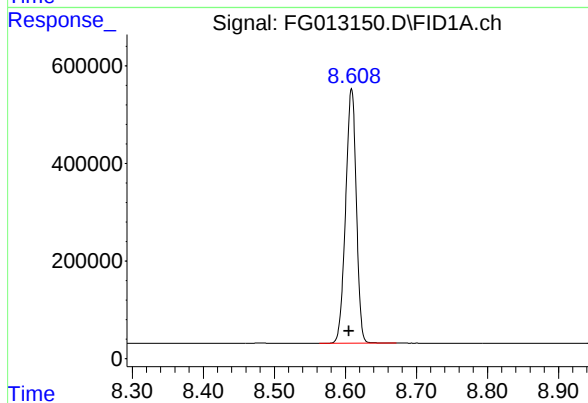
#2 N-DECANE

R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 5376549
Conc: 46.76 ug/ml



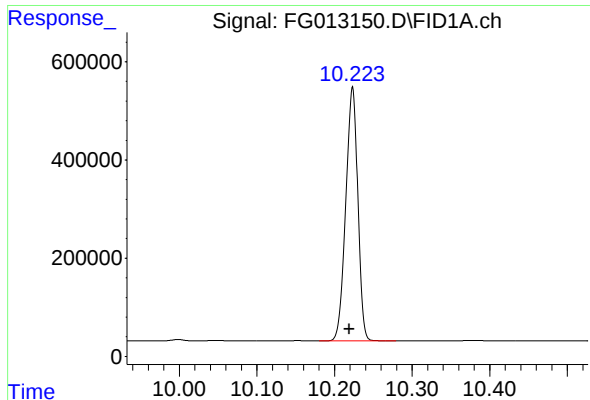
#3 N-DODECANE

R.T.: 6.774 min
Delta R.T.: 0.003 min
Response: 5438713
Conc: 47.09 ug/ml



#4 N-TETRADECANE

R.T.: 8.609 min
Delta R.T.: 0.004 min
Response: 5447496
Conc: 47.77 ug/ml



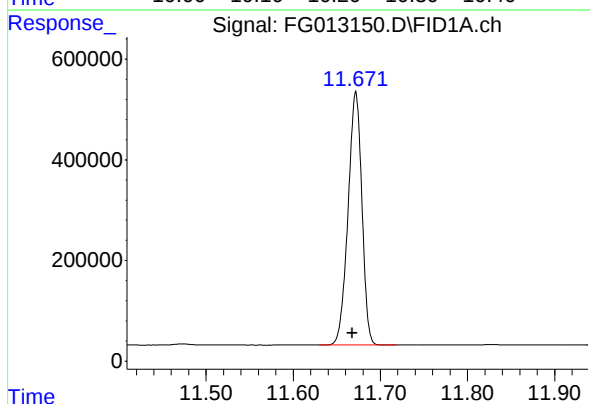
#5 N-HEXADECANE

R.T.: 10.223 min
Delta R.T.: 0.004 min
Response: 5550754
Conc: 47.80 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

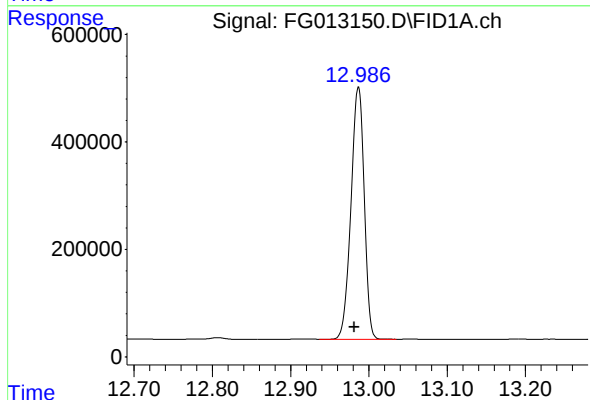
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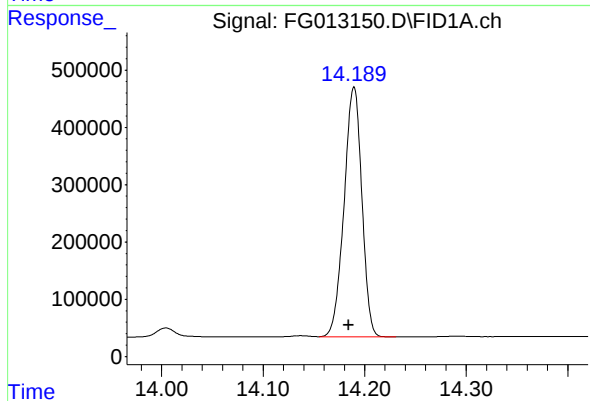
#6 N-OCTADECANE

R.T.: 11.672 min
Delta R.T.: 0.004 min
Response: 5545925
Conc: 47.76 ug/ml



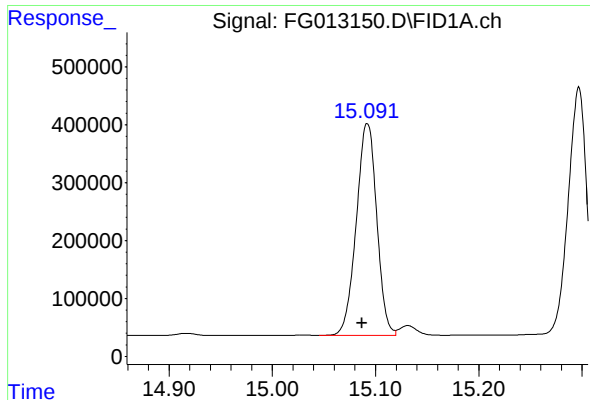
#7 N-EICOSANE

R.T.: 12.987 min
Delta R.T.: 0.005 min
Response: 5499418
Conc: 47.78 ug/ml



#8 N-DOCOSANE

R.T.: 14.190 min
Delta R.T.: 0.005 min
Response: 5309018
Conc: 47.98 ug/ml



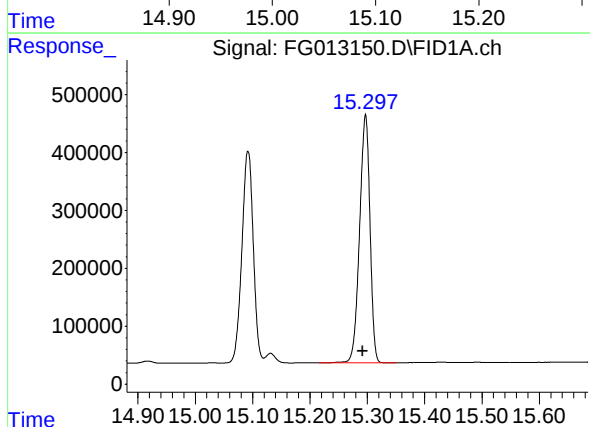
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.092 min
Delta R.T.: 0.005 min
Response: 5035242
Conc: 48.07 ug/ml

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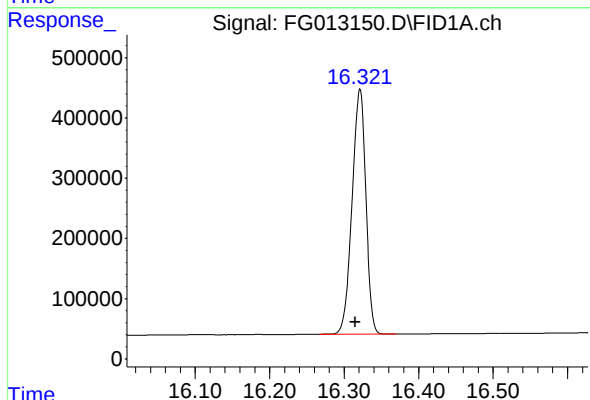
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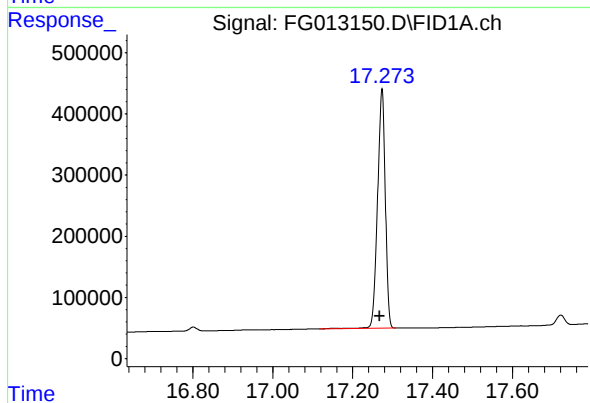
#10 N-TETRACOSANE

R.T.: 15.297 min
Delta R.T.: 0.005 min
Response: 5361305
Conc: 48.80 ug/ml



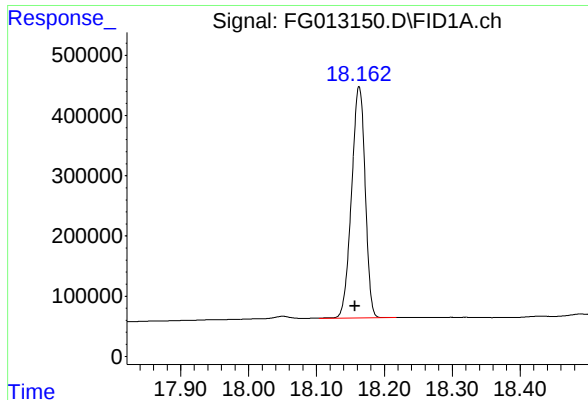
#11 N-HEXACOSANE

R.T.: 16.321 min
Delta R.T.: 0.007 min
Response: 5224211
Conc: 48.55 ug/ml



#12 N-OCTACOSANE

R.T.: 17.274 min
Delta R.T.: 0.006 min
Response: 5260182
Conc: 49.33 ug/ml



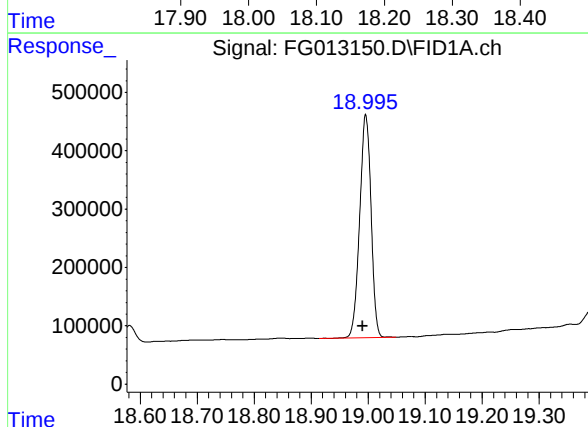
#13 N-TRIACONTANE

R.T.: 18.163 min
Delta R.T.: 0.006 min
Response: 5374641
Conc: 50.18 ug/ml

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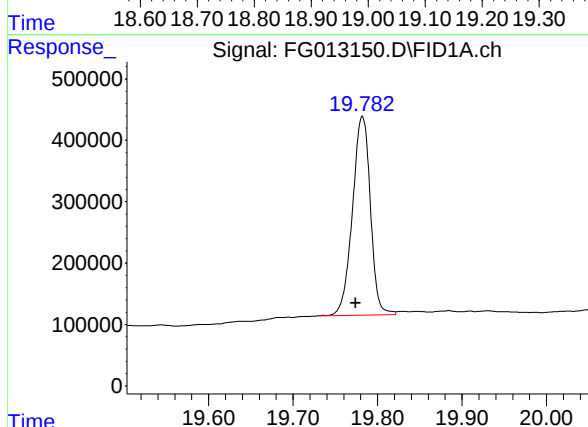
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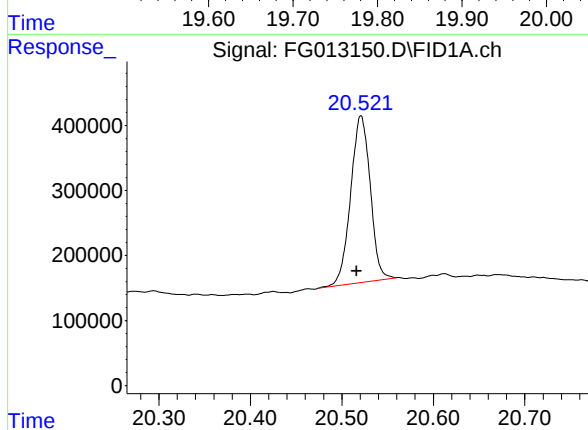
#14 N-DOTRIACONTANE

R.T.: 18.996 min
Delta R.T.: 0.005 min
Response: 5322803
Conc: 50.85 ug/ml



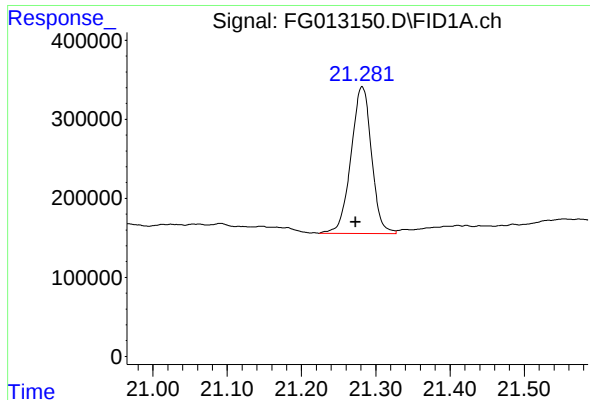
#15 N-TETRATRIACONTANE

R.T.: 19.782 min
Delta R.T.: 0.008 min
Response: 4773771
Conc: 52.45 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.521 min
Delta R.T.: 0.005 min
Response: 3823931
Conc: 51.99 ug/ml



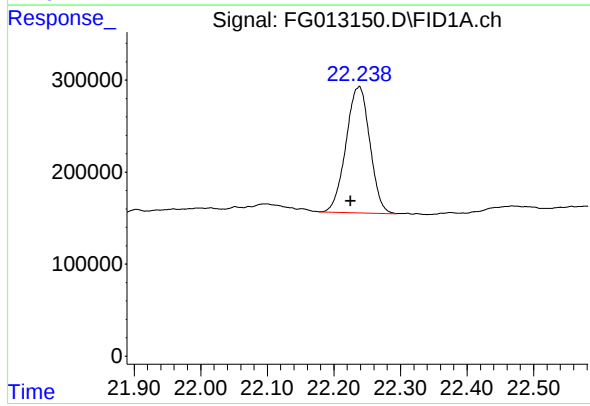
#17 N-OCTATRIACONTANE

R.T.: 21.282 min
Delta R.T.: 0.009 min
Response: 3562884
Conc: 50.34 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.238 min
Delta R.T.: 0.013 min
Response: 3402719
Conc: 46.94 ug/ml m