

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100324\
 Data File : FG014382.D
 Signal(s) : FID1A.ch
 Acq On : 03 Oct 2024 15:02
 Operator : YP\AJ
 Sample : P4272-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_G

ClientSampleId :

WASTEMSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :Ankita Jodhani 10/04/2024

Integration File: autoint1.e
 Quant Time: Oct 04 01:53:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG100224.M
 Quant Title :
 QLast Update : Thu Oct 03 05:57:06 2024
 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...	14.912	1066521	8.613 ug/ml
Target Compounds			
1) N-OCTANE	1.941	1835650	14.577 ug/ml
2) N-DECANE	4.434	1988953	16.885 ug/ml
3) N-DODECANE	6.608	2041709	17.447 ug/ml
4) N-TETRADECANE	8.441	2042076	16.817 ug/ml
5) N-HEXADECANE	10.051	2134136	16.766 ug/ml
6) N-OCTADECANE	11.498	2226162	16.655 ug/ml
7) N-EICOSANE	12.809	2172949	15.633 ug/ml
8) N-DOCOSANE	14.010	2149226	15.669 ug/ml
10) N-TETRACOSANE	15.116	2200603	15.964 ug/ml
11) N-HEXACOSANE	16.140	2096071	15.162 ug/ml
12) N-OCTACOSANE	17.093	2000443	14.598 ug/ml
13) N-TRIACONTANE	17.982	2123629	15.316 ug/ml
14) N-DOTRIACONTANE	18.817	1765256	12.949 ug/ml
15) N-TETRATRIACONTANE	19.602	1199901	9.117 ug/ml
16) N-HEXATRIACONTANE	20.344	938169	7.331 ug/mlm
17) N-OCTATRIACONTANE	21.071	737615	6.448 ug/mlm
18) N-TETRACONTANE	21.960	1340655	12.489 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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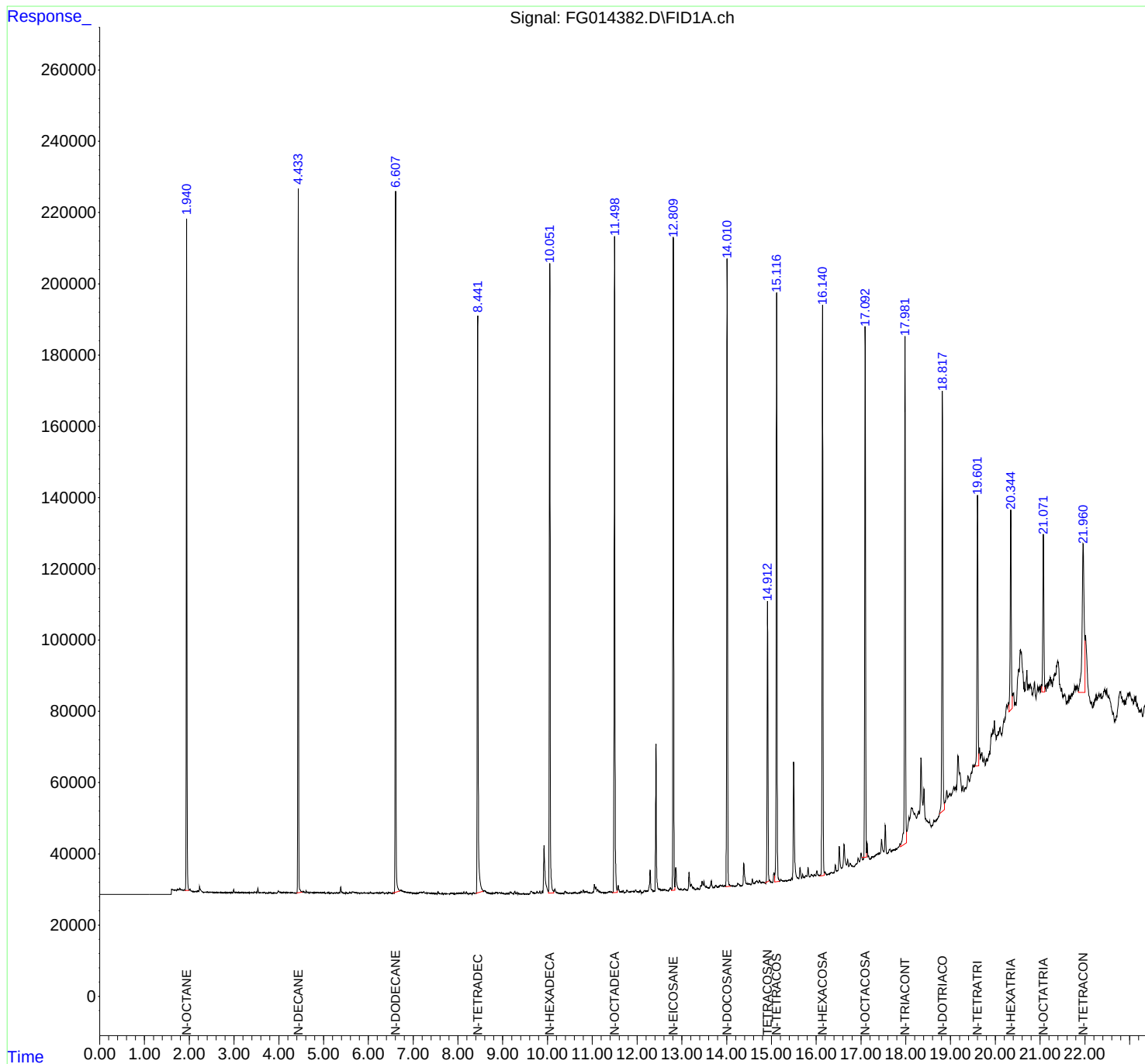
APPROVED

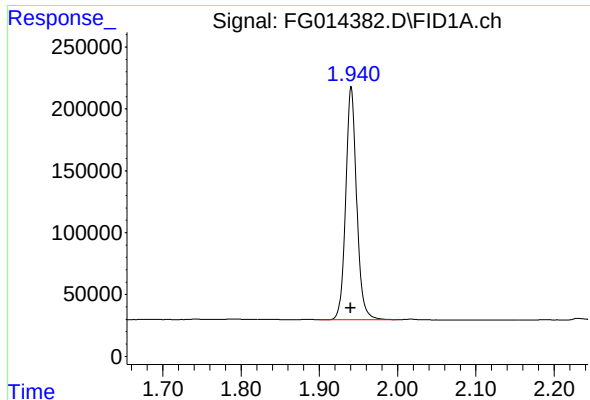
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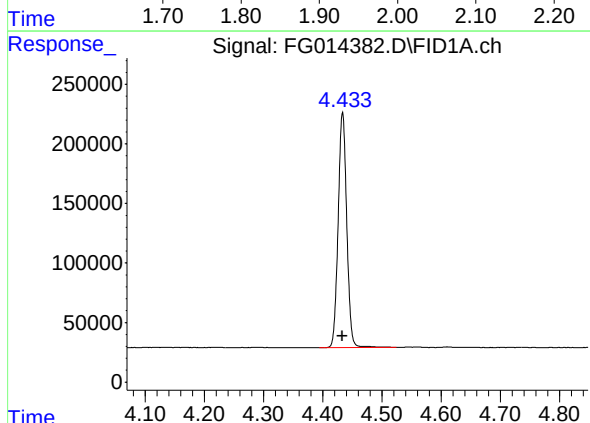
#1 N-OCTANE

R.T.: 1.941 min
Delta R.T.: 0.000 min
Response: 1835650
Conc: 14.58 ug/ml

Instrument :
FID_G
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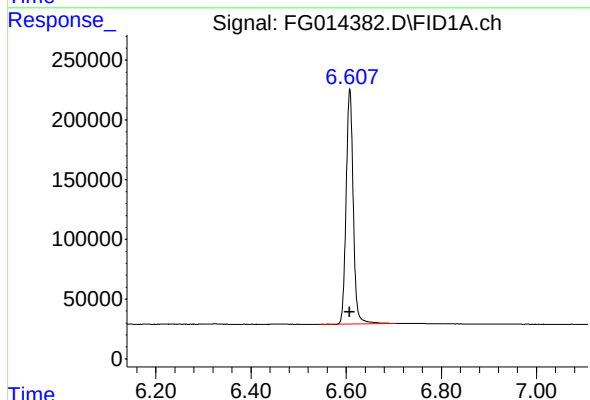
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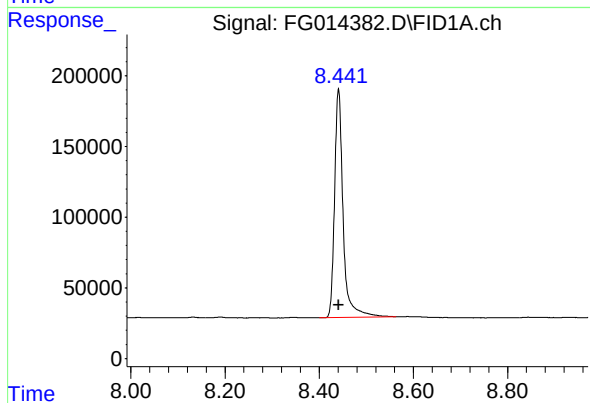
#2 N-DECANE

R.T.: 4.434 min
Delta R.T.: 0.000 min
Response: 1988953
Conc: 16.88 ug/ml



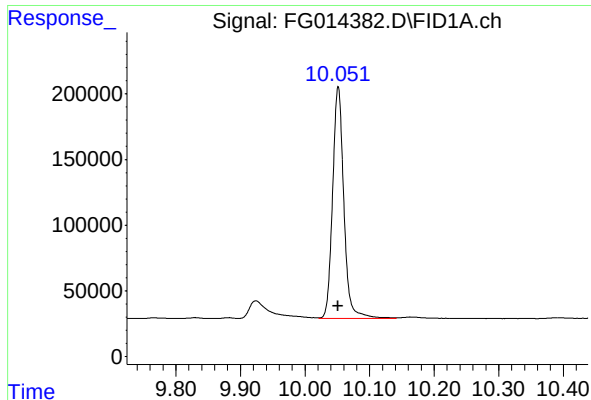
#3 N-DODECANE

R.T.: 6.608 min
Delta R.T.: 0.000 min
Response: 2041709
Conc: 17.45 ug/ml



#4 N-TETRADECANE

R.T.: 8.441 min
Delta R.T.: 0.000 min
Response: 2042076
Conc: 16.82 ug/ml



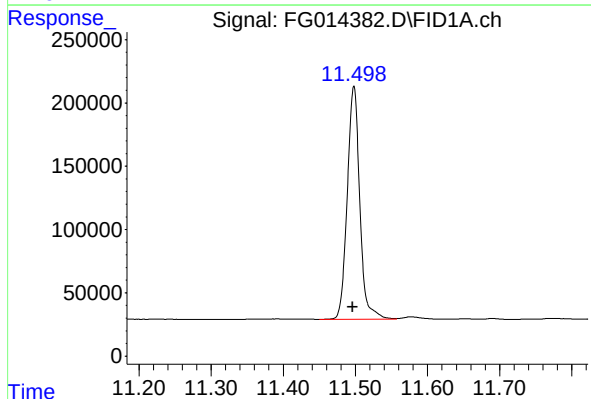
#5 N-HEXADECANE

R.T.: 10.051 min
Delta R.T.: 0.000 min
Response: 2134136
Conc: 16.77 ug/ml

Instrument :
FID_G
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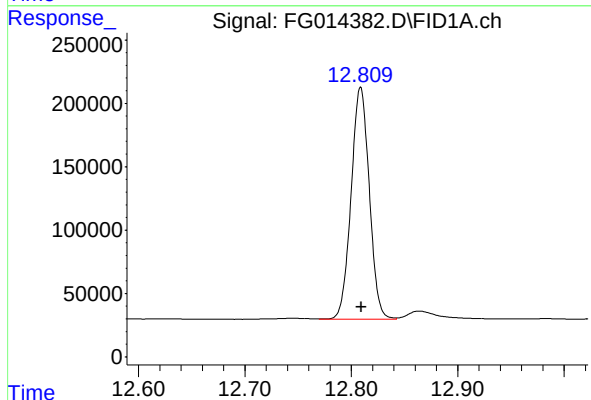
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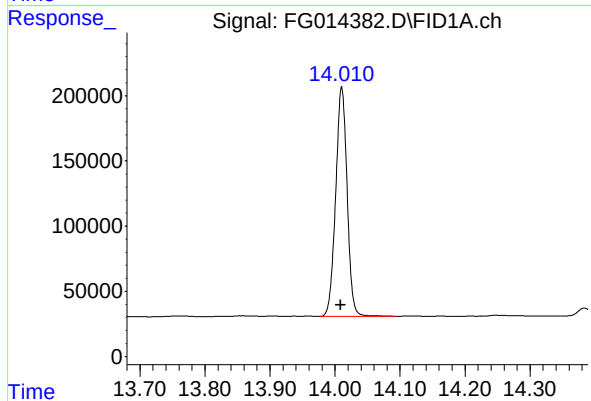
#6 N-OCTADECANE

R.T.: 11.498 min
Delta R.T.: 0.002 min
Response: 2226162
Conc: 16.65 ug/ml



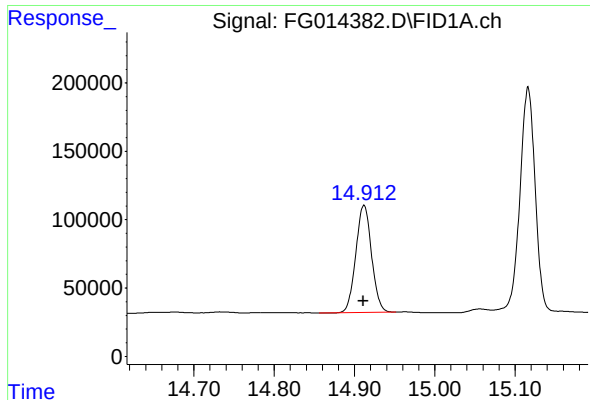
#7 N-EICOSANE

R.T.: 12.809 min
Delta R.T.: 0.000 min
Response: 2172949
Conc: 15.63 ug/ml



#8 N-DOCOSANE

R.T.: 14.010 min
Delta R.T.: 0.002 min
Response: 2149226
Conc: 15.67 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.912 min
Delta R.T.: 0.000 min
Response: 1066521
Conc: 8.61 ug/ml

Instrument :

FID_G

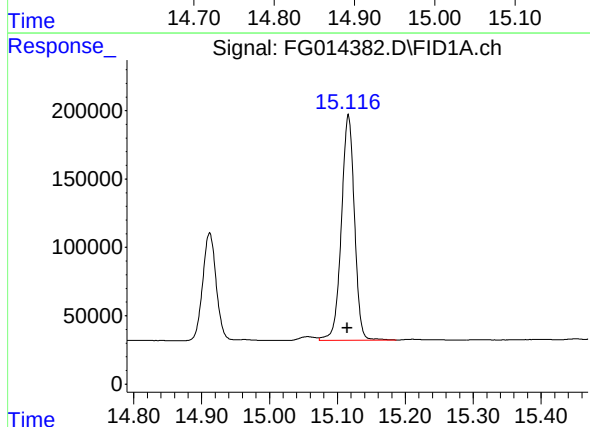
ClientSampleId :

WASTEMSD

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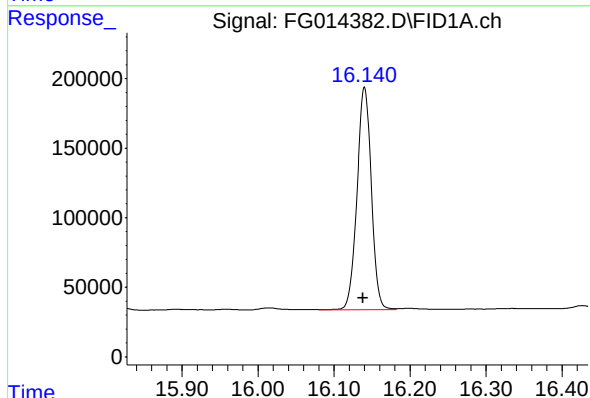
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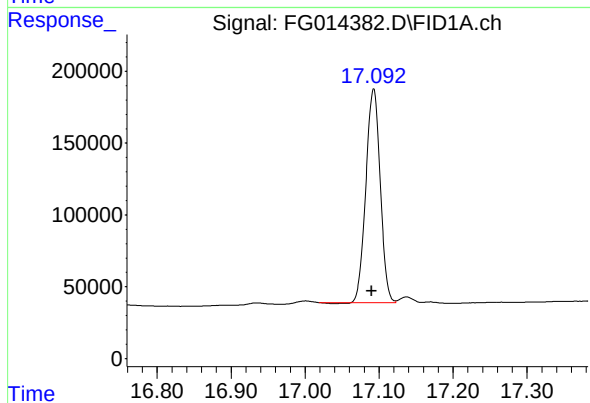
#10 N-TETRACOSANE

R.T.: 15.116 min
Delta R.T.: 0.002 min
Response: 2200603
Conc: 15.96 ug/ml



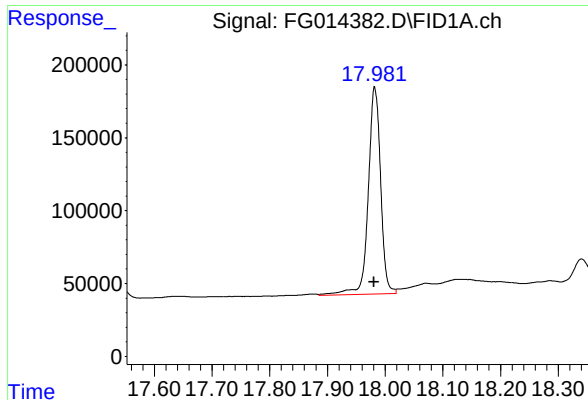
#11 N-HEXACOSANE

R.T.: 16.140 min
Delta R.T.: 0.002 min
Response: 2096071
Conc: 15.16 ug/ml



#12 N-OCTACOSANE

R.T.: 17.093 min
Delta R.T.: 0.003 min
Response: 2000443
Conc: 14.60 ug/ml



#13 N-TRIACONTANE

R.T.: 17.982 min
Delta R.T.: 0.001 min
Response: 2123629
Conc: 15.32 ug/ml

Instrument :

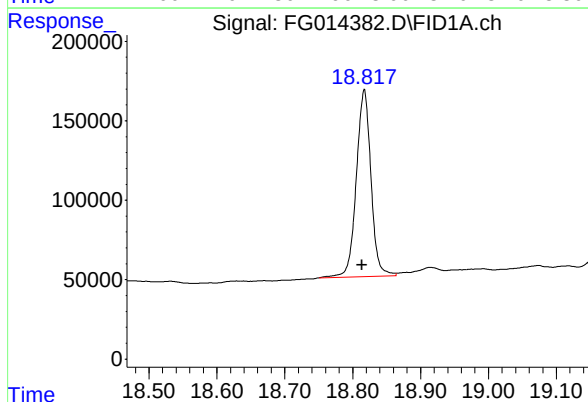
FID_G

ClientSampleId :

WASTEMSD

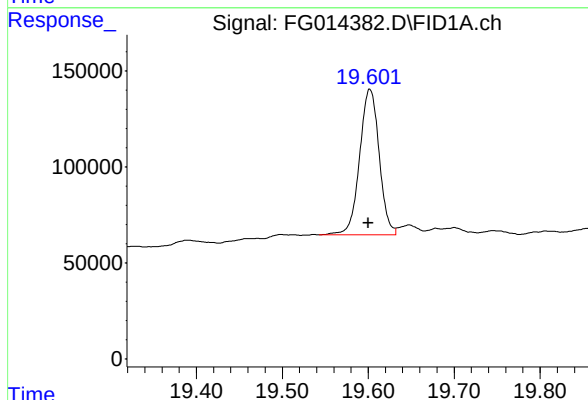
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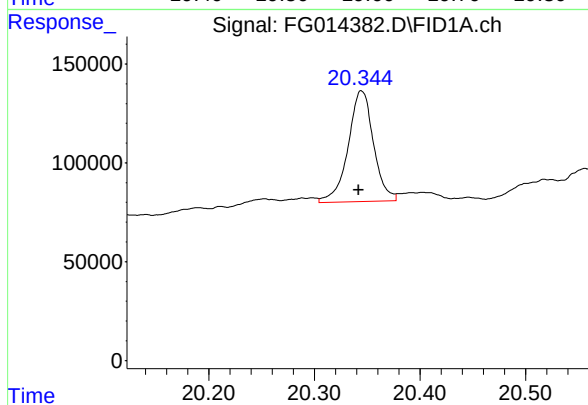
#14 N-DOTRIACONTANE

R.T.: 18.817 min
Delta R.T.: 0.003 min
Response: 1765256
Conc: 12.95 ug/ml



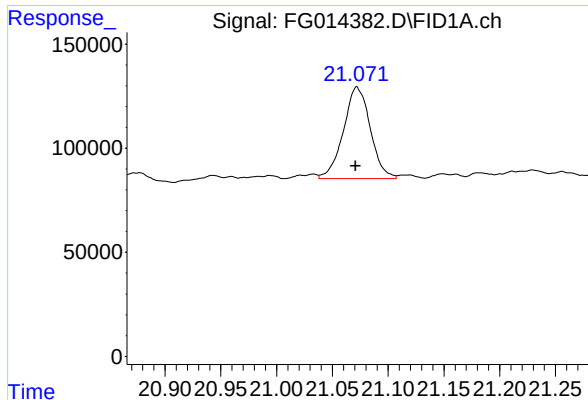
#15 N-TETRATRIACONTANE

R.T.: 19.602 min
Delta R.T.: 0.002 min
Response: 1199901
Conc: 9.12 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.344 min
Delta R.T.: 0.002 min
Response: 938169
Conc: 7.33 ug/ml m



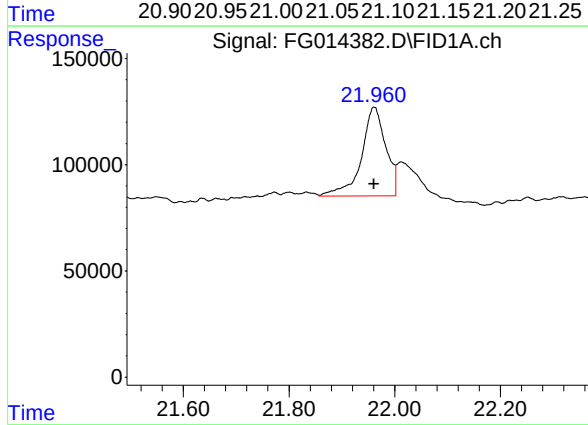
#17 N-OCTATRIACONTANE

R.T.: 21.071 min
Delta R.T.: 0.000 min
Response: 737615
Conc: 6.45 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.960 min
Delta R.T.: -0.001 min
Response: 1340655
Conc: 12.49 ug/ml m