

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100324\
 Data File : FG014381.D
 Signal(s) : FID1A.ch
 Acq On : 03 Oct 2024 14:33
 Operator : YP\AJ
 Sample : P4272-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WASTEMS

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 01:53:36 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	1087987	8.786 ug/ml
Target Compounds			
1) N-OCTANE	1.940	1844346	14.646 ug/ml
2) N-DECANE	4.433	1997925	16.961 ug/ml
3) N-DODECANE	6.607	2070518	17.693 ug/ml
4) N-TETRADECANE	8.441	2075038	17.088 ug/ml
5) N-HEXADECANE	10.052	2153710	16.920 ug/ml
6) N-OCTADECANE	11.497	2252340	16.851 ug/ml
7) N-EICOSANE	12.810	2188079	15.742 ug/ml
8) N-DOCOSANE	14.010	2169810	15.819 ug/ml
10) N-TETRACOSANE	15.116	2212135	16.047 ug/ml
11) N-HEXACOSANE	16.141	2107266	15.243 ug/ml
12) N-OCTACOSANE	17.093	2027191	14.793 ug/ml
13) N-TRIACONTANE	17.983	1967395	14.189 ug/ml
14) N-DOTRIACONTANE	18.817	1928507	14.147 ug/ml
15) N-TETRATRIACONTANE	19.602	1279141	9.719 ug/ml
16) N-HEXATRIACONTANE	20.344	1008496	7.880 ug/ml
17) N-OCTATRIACONTANE	21.072	764984	6.687 ug/mlm
18) N-TETRACONTANE	21.961	1036932	9.660 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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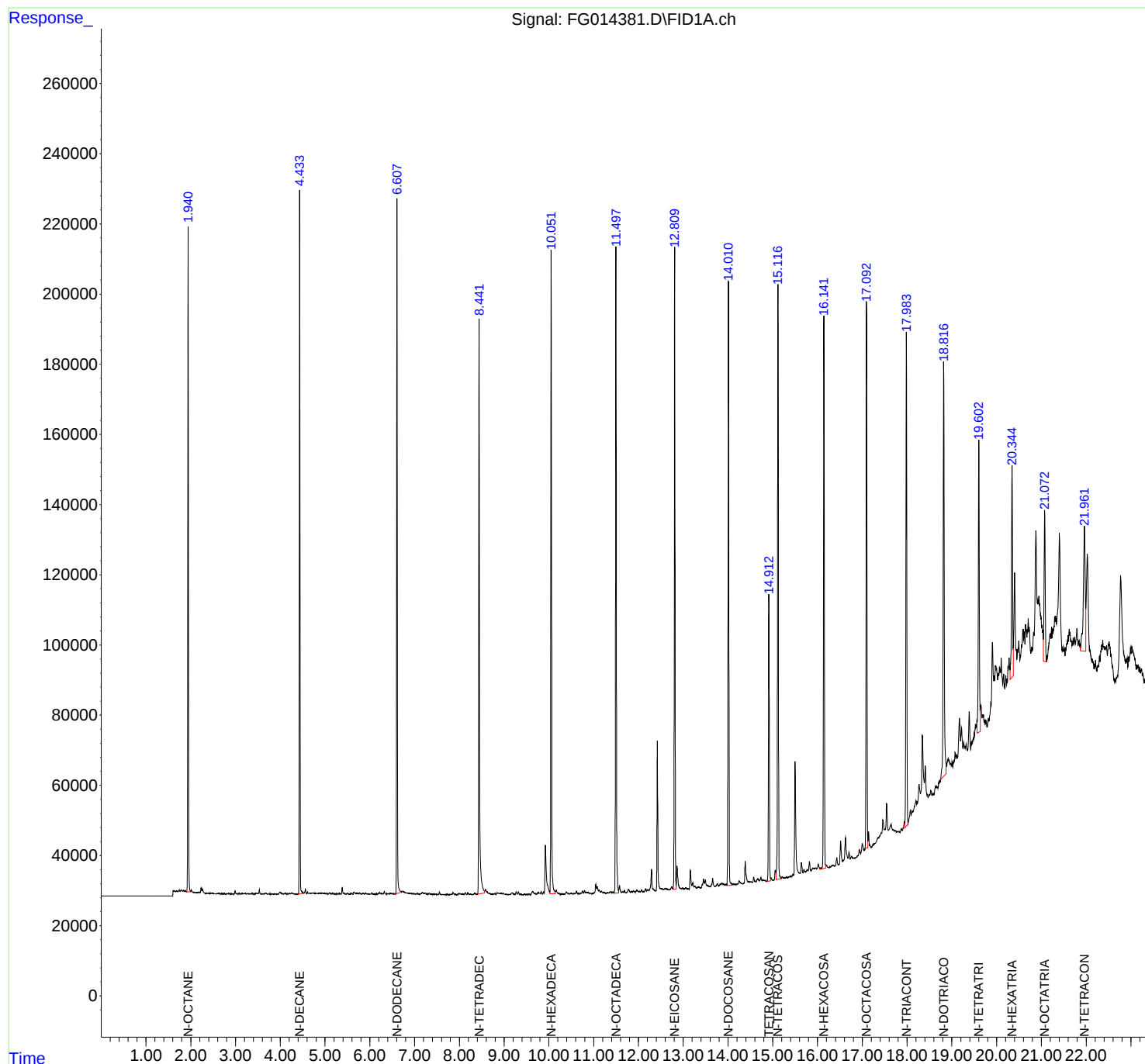
APPROVED

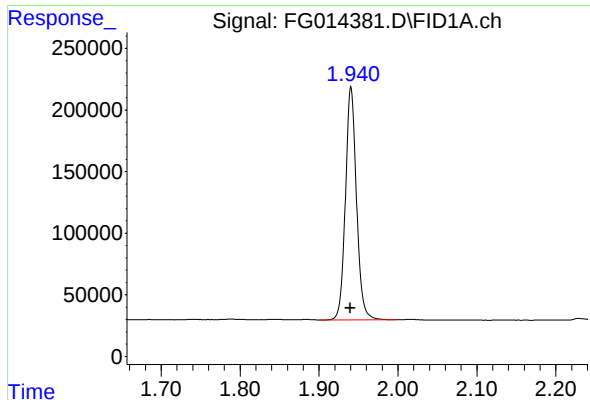
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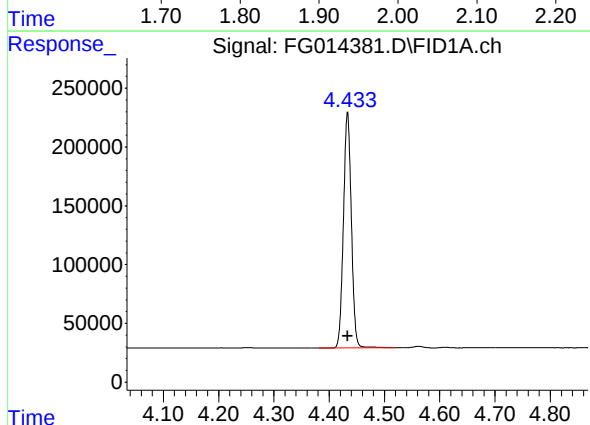
#1 N-OCTANE

R.T.: 1.940 min
Delta R.T.: 0.000 min
Response: 1844346
Conc: 14.65 ug/ml

Instrument :
FID_G
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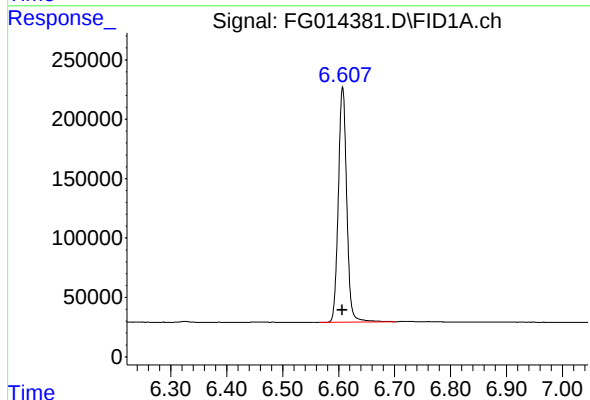
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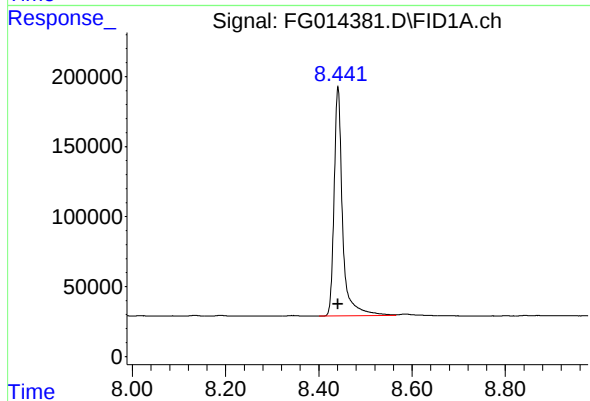
#2 N-DECANE

R.T.: 4.433 min
Delta R.T.: 0.000 min
Response: 1997925
Conc: 16.96 ug/ml



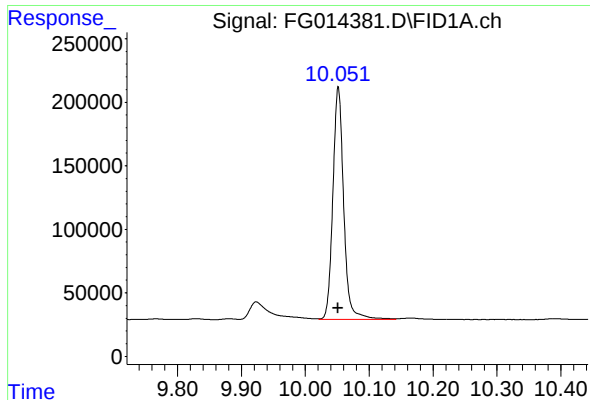
#3 N-DODECANE

R.T.: 6.607 min
Delta R.T.: 0.000 min
Response: 2070518
Conc: 17.69 ug/ml



#4 N-TETRADECANE

R.T.: 8.441 min
Delta R.T.: 0.000 min
Response: 2075038
Conc: 17.09 ug/ml



#5 N-HEXADECANE

R.T.: 10.052 min
Delta R.T.: 0.000 min
Response: 2153710
Conc: 16.92 ug/ml

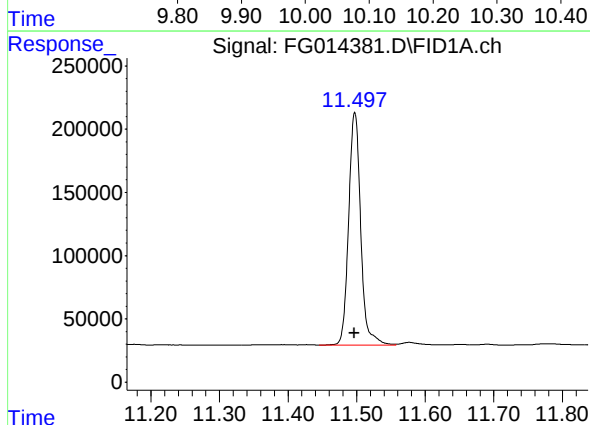
Instrument :

FID_G

ClientSampleId :
WASTEMS

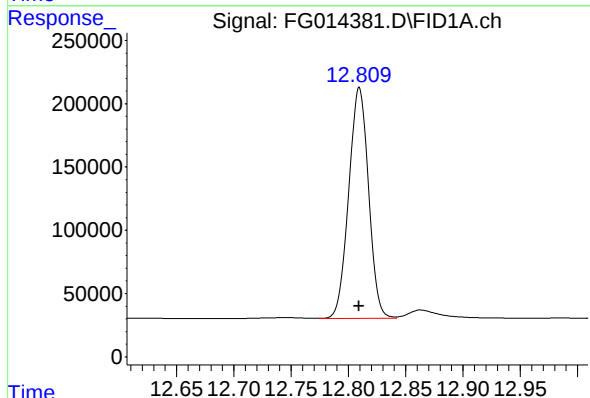
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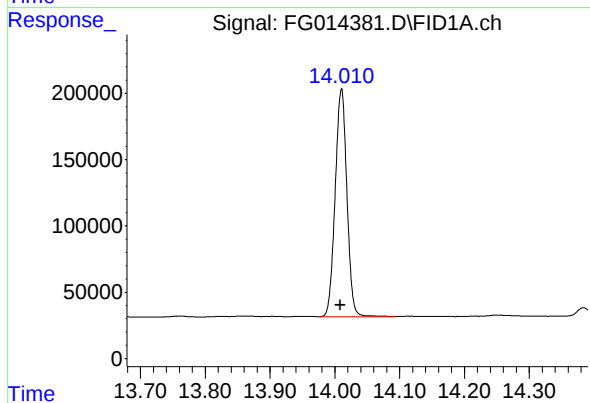
#6 N-OCTADECANE

R.T.: 11.497 min
Delta R.T.: 0.000 min
Response: 2252340
Conc: 16.85 ug/ml



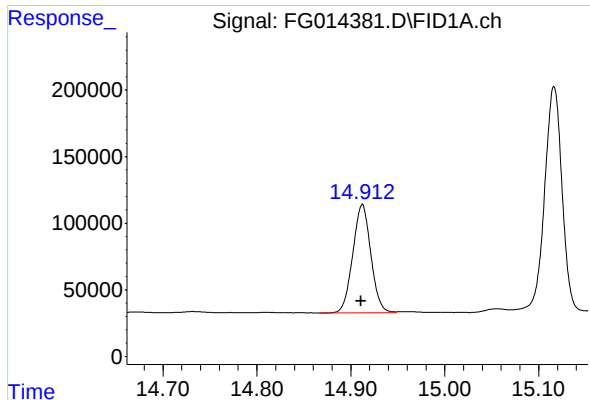
#7 N-EICOSANE

R.T.: 12.810 min
Delta R.T.: 0.000 min
Response: 2188079
Conc: 15.74 ug/ml



#8 N-DOCOSANE

R.T.: 14.010 min
Delta R.T.: 0.002 min
Response: 2169810
Conc: 15.82 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.912 min
Delta R.T.: 0.001 min
Response: 1087987
Conc: 8.79 ug/ml

Instrument :

FID_G

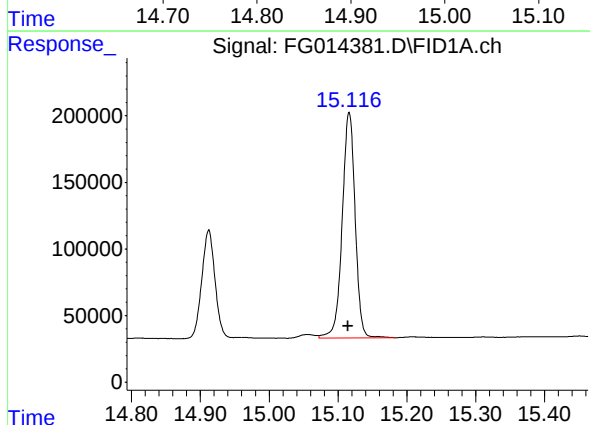
ClientSampleId :

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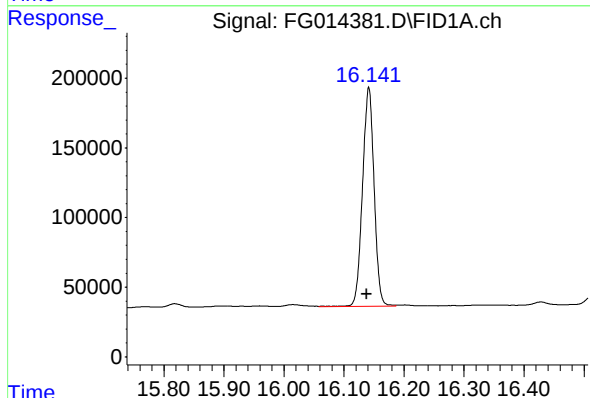
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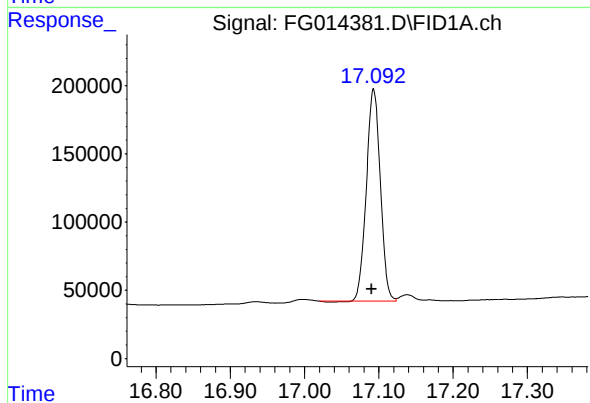
#10 N-TETRACOSANE

R.T.: 15.116 min
Delta R.T.: 0.002 min
Response: 2212135
Conc: 16.05 ug/ml



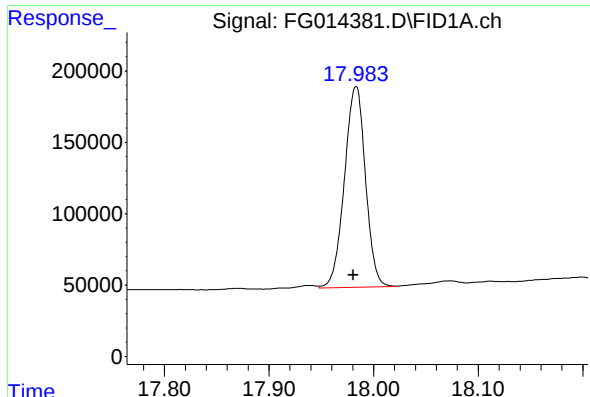
#11 N-HEXACOSANE

R.T.: 16.141 min
Delta R.T.: 0.003 min
Response: 2107266
Conc: 15.24 ug/ml



#12 N-OCTACOSANE

R.T.: 17.093 min
Delta R.T.: 0.003 min
Response: 2027191
Conc: 14.79 ug/ml



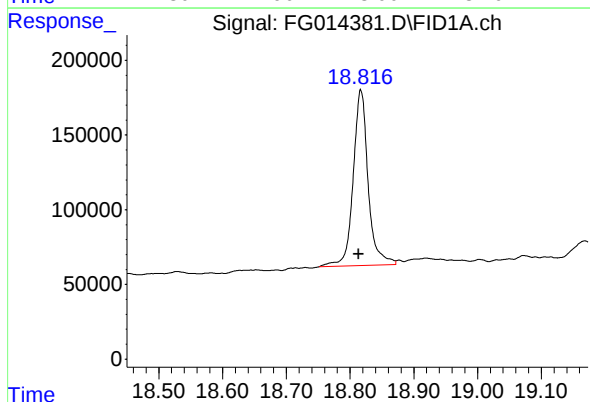
#13 N-TRIACONTANE

R.T.: 17.983 min
Delta R.T.: 0.003 min
Response: 1967395
Conc: 14.19 ug/ml

Instrument :
FID_G
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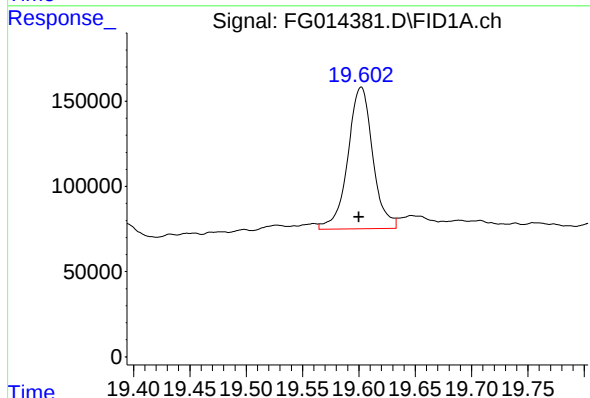
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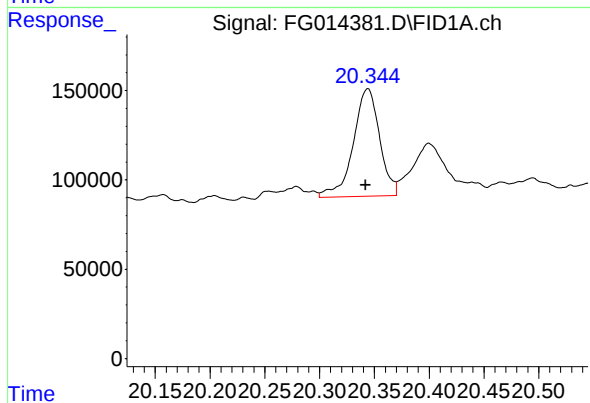
#14 N-DOTRIACONTANE

R.T.: 18.817 min
Delta R.T.: 0.003 min
Response: 1928507
Conc: 14.15 ug/ml



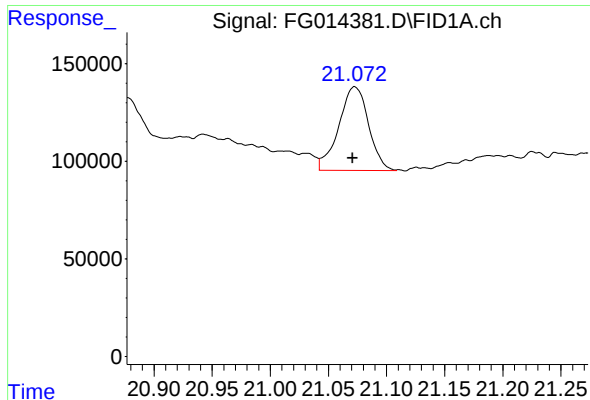
#15 N-TETRATRIACONTANE

R.T.: 19.602 min
Delta R.T.: 0.002 min
Response: 1279141
Conc: 9.72 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.344 min
Delta R.T.: 0.002 min
Response: 1008496
Conc: 7.88 ug/ml



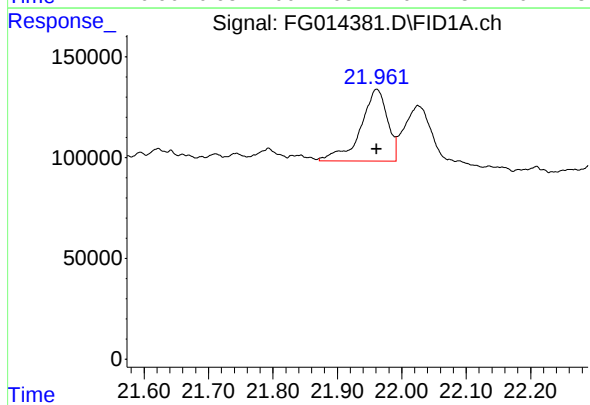
#17 N-OCTATRIACONTANE

R.T.: 21.072 min
Delta R.T.: 0.001 min
Response: 764984
Conc: 6.69 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.961 min
Delta R.T.: 0.000 min
Response: 1036932
Conc: 9.66 ug/ml m