

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG080924\
 Data File : FG014104.D
 Signal(s) : FID1A.ch
 Acq On : 09 Aug 2024 15:23
 Operator : YP\AJ
 Sample : P3489-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WASTEMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/12/2024
 Supervised By :Ankita Jodhani 08/12/2024

Integration File: autoint1.e
 Quant Time: Aug 10 01:49:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG072324.M
 Quant Title :
 QLast Update : Tue Jul 23 14:43:06 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...	14.936	1360783	11.249 ug/ml
Target Compounds			
1) N-OCTANE	1.957	1263848	10.503 ug/ml
2) N-DECANE	4.460	1559228	12.506 ug/ml
3) N-DODECANE	6.632	1792206	13.583 ug/ml
4) N-TETRADECANE	8.463	1812327	13.861 ug/mlm
5) N-HEXADECANE	10.074	1991076	14.939 ug/ml
6) N-OCTADECANE	11.520	2340786	17.129 ug/ml
7) N-EICOSANE	12.833	2152232	16.103 ug/ml
8) N-DOCOSANE	14.034	2152952	16.355 ug/ml
10) N-TETRACOSANE	15.140	2147667	16.453 ug/ml
11) N-HEXACOSANE	16.164	2047111	15.938 ug/ml
12) N-OCTACOSANE	17.117	2256215	17.789 ug/ml
13) N-TRIACONTANE	18.007	2157173	17.149 ug/ml
14) N-DOTRIACONTANE	18.842	1938917	15.891 ug/mlm
15) N-TETRATRIACONTANE	19.628	1372483	13.636 ug/mlm
16) N-HEXATRIACONTANE	20.369	971141	11.623 ug/mlm
17) N-OCTATRIACONTANE	21.099	851862	11.421 ug/ml
18) N-TETRACONTANE	21.994	1113885	16.073 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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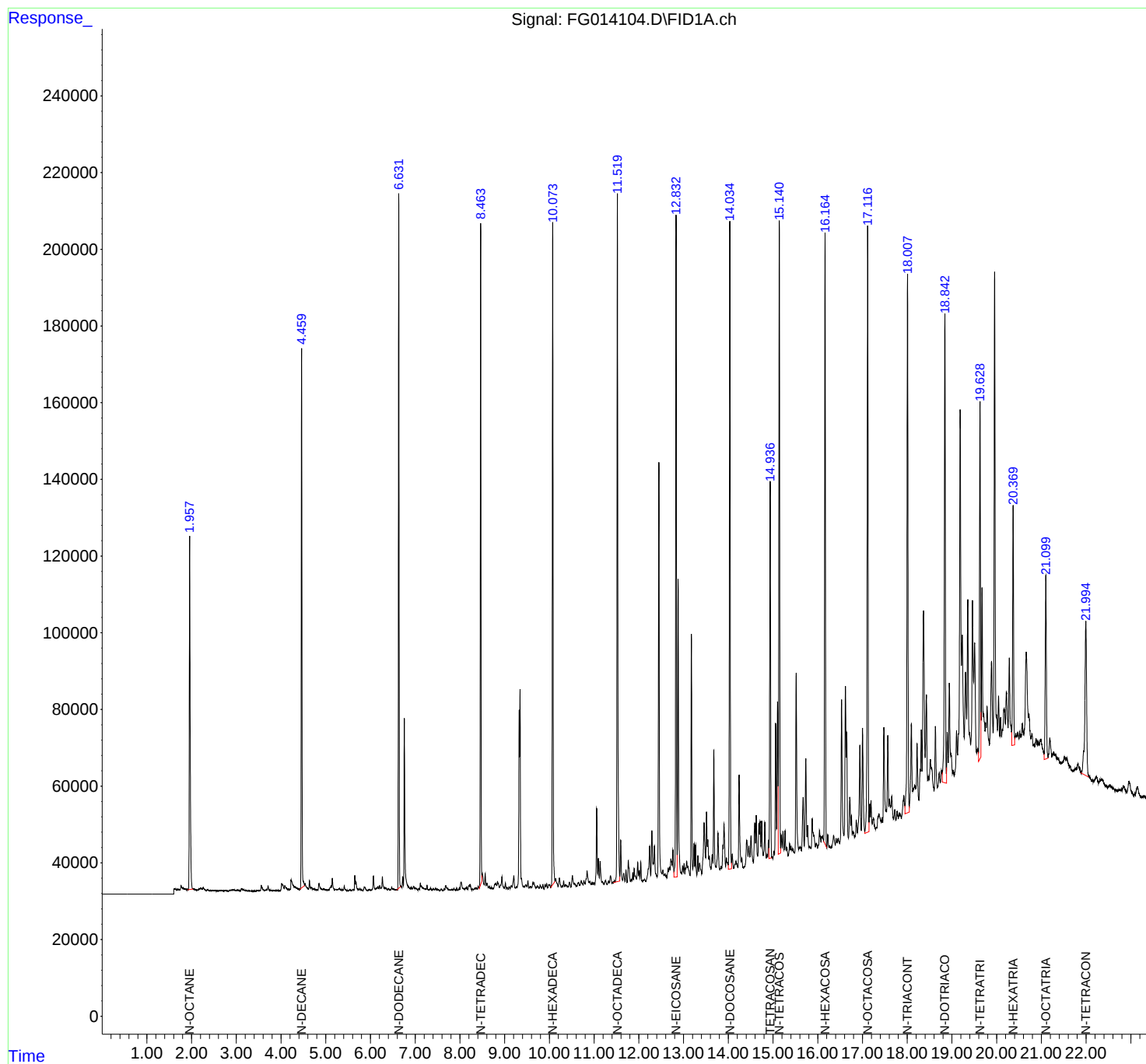
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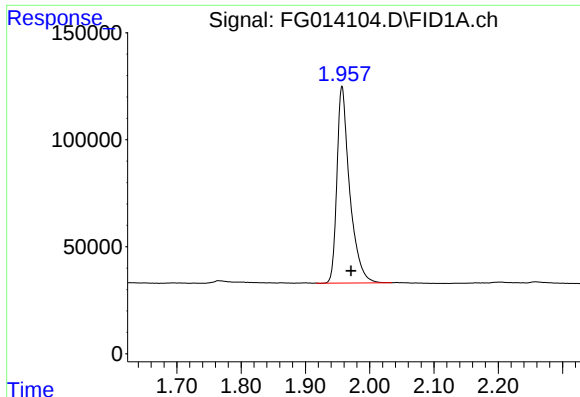
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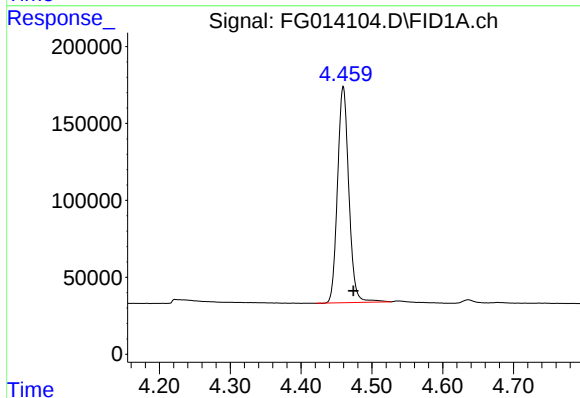
#1 N-OCTANE

R.T.: 1.957 min
Delta R.T.: -0.014 min
Response: 1263848
Conc: 10.50 ug/ml

Instrument :
FID_G
ClientSampleId :
WASTEMSD

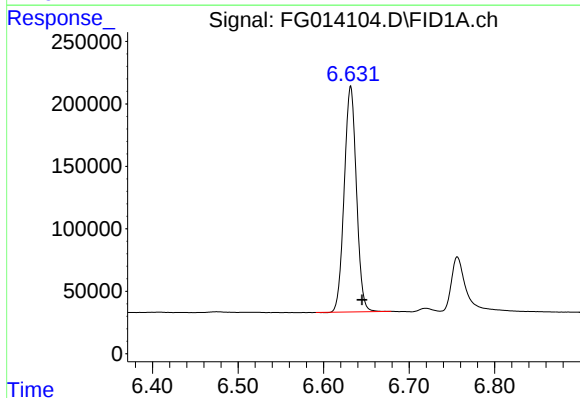
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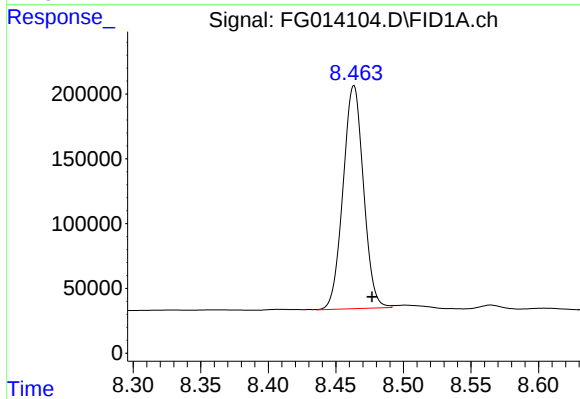
#2 N-DECANE

R.T.: 4.460 min
Delta R.T.: -0.015 min
Response: 1559228
Conc: 12.51 ug/ml



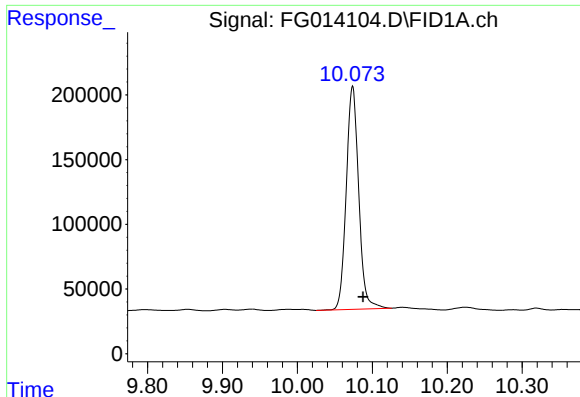
#3 N-DODECANE

R.T.: 6.632 min
Delta R.T.: -0.013 min
Response: 1792206
Conc: 13.58 ug/ml



#4 N-TETRADECANE

R.T.: 8.463 min
Delta R.T.: -0.014 min
Response: 1812327
Conc: 13.86 ug/ml m



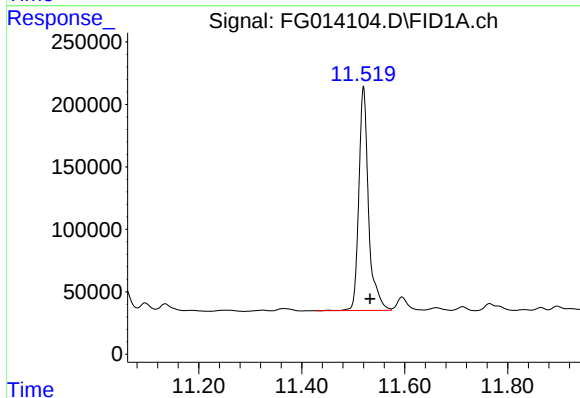
#5 N-HEXADECANE

R.T.: 10.074 min
Delta R.T.: -0.014 min
Response: 1991076
Conc: 14.94 ug/ml

Instrument :
FID_G
ClientSampleId :
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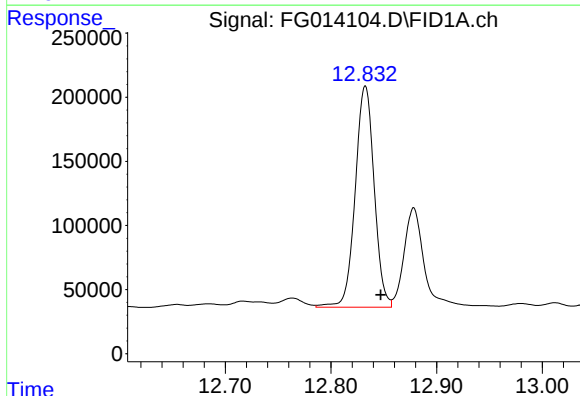
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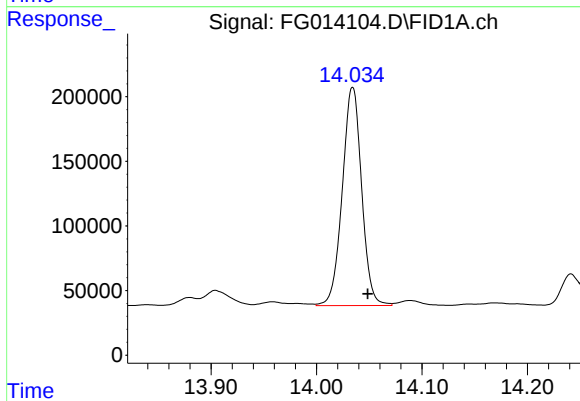
#6 N-OCTADECANE

R.T.: 11.520 min
Delta R.T.: -0.013 min
Response: 2340786
Conc: 17.13 ug/ml



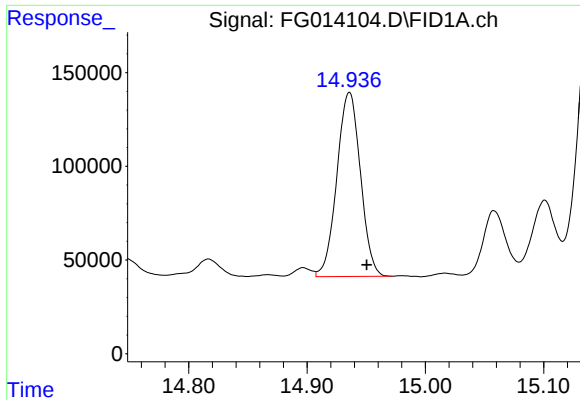
#7 N-EICOSANE

R.T.: 12.833 min
Delta R.T.: -0.015 min
Response: 2152232
Conc: 16.10 ug/ml



#8 N-DOCOSANE

R.T.: 14.034 min
Delta R.T.: -0.014 min
Response: 2152952
Conc: 16.36 ug/ml



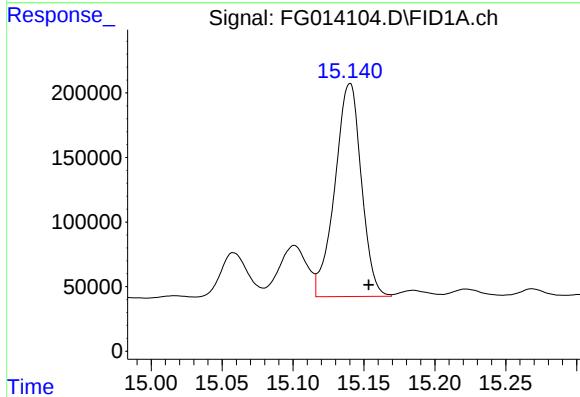
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.936 min
Delta R.T.: -0.015 min
Response: 1360783
Conc: 11.25 ug/ml

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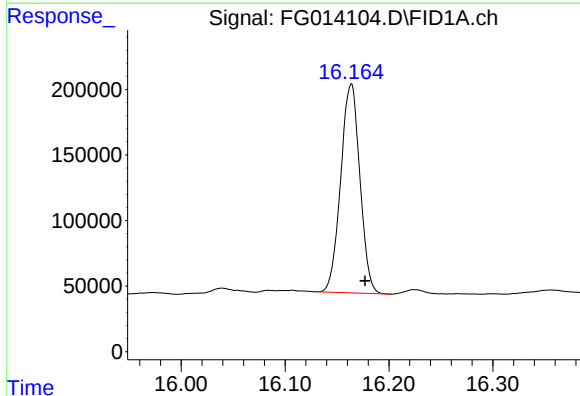
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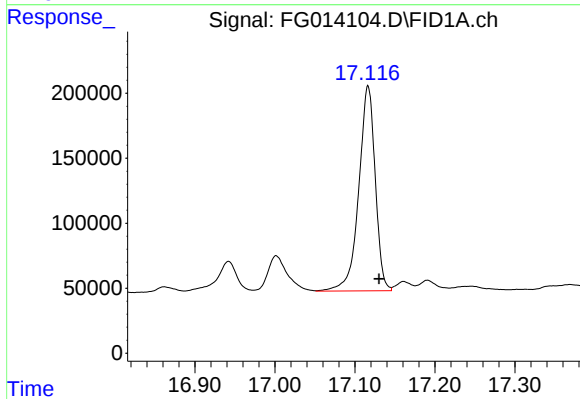
#10 N-TETRACOSANE

R.T.: 15.140 min
Delta R.T.: -0.013 min
Response: 2147667
Conc: 16.45 ug/ml



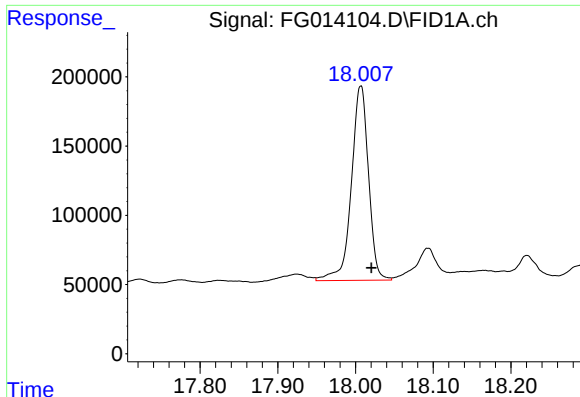
#11 N-HEXACOSANE

R.T.: 16.164 min
Delta R.T.: -0.013 min
Response: 2047111
Conc: 15.94 ug/ml



#12 N-OCTACOSANE

R.T.: 17.117 min
Delta R.T.: -0.014 min
Response: 2256215
Conc: 17.79 ug/ml



#13 N-TRIACONTANE

R.T.: 18.007 min
Delta R.T.: -0.013 min
Response: 2157173
Conc: 17.15 ug/ml

Instrument :

FID_G

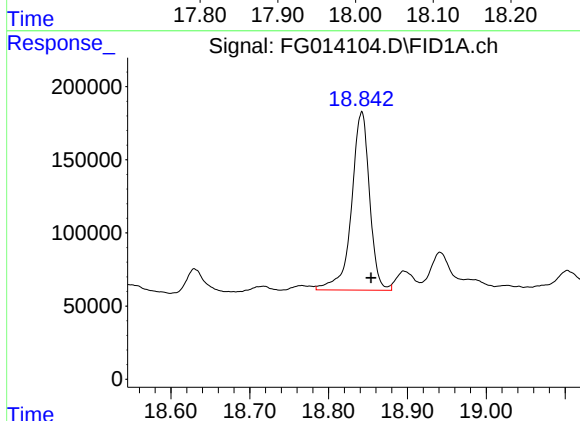
ClientSampleId :

WASTEMSD

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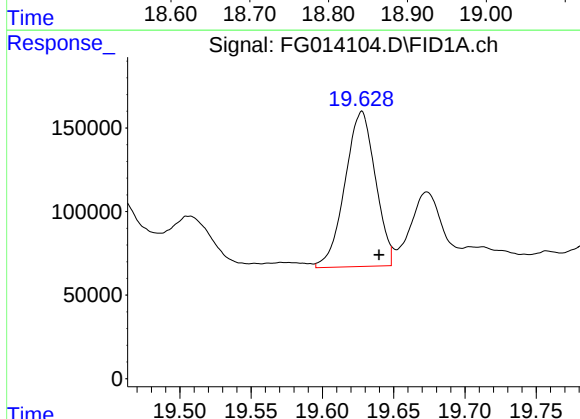
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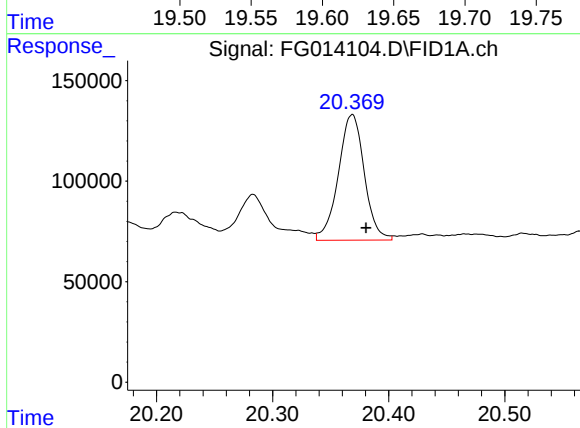
#14 N-DOTRIACONTANE

R.T.: 18.842 min
Delta R.T.: -0.012 min
Response: 1938917
Conc: 15.89 ug/ml m



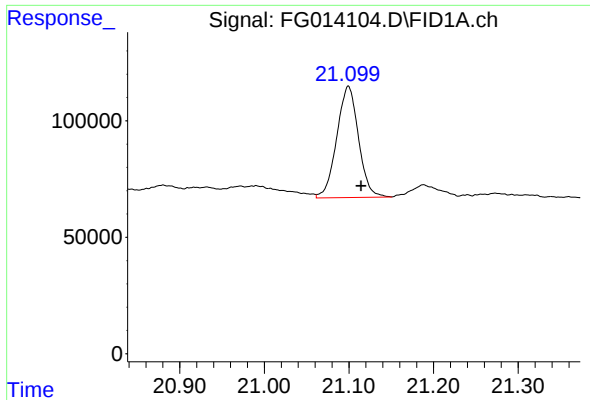
#15 N-TETRATRIACONTANE

R.T.: 19.628 min
Delta R.T.: -0.012 min
Response: 1372483
Conc: 13.64 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.369 min
Delta R.T.: -0.012 min
Response: 971141
Conc: 11.62 ug/ml m



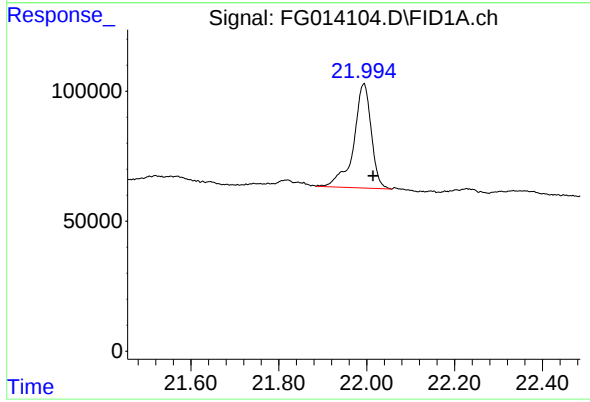
#17 N-OCTATRIACONTANE

R.T.: 21.099 min
Delta R.T.: -0.015 min
Response: 851862
Conc: 11.42 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.994 min
Delta R.T.: -0.021 min
Response: 1113885
Conc: 16.07 ug/ml