

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG083022\
 Data File : FG010447.D
 Signal(s) : FID1A.ch
 Acq On : 30 Aug 2022 19:39
 Operator : YP\AJ
 Sample : N4438-03MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 KTS2-WC-S-MH-02-0-20MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/31/2022
 Supervised By :Ankita Jodhani 08/31/2022

Integration File: autoint1.e
 Quant Time: Aug 31 04:46:38 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG082622.M
 Quant Title :
 QLast Update : Fri Aug 26 23:48:05 2022
 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...	14.789	2235544	18.266 ug/ml
Target Compounds			
1) N-OCTANE	1.814	1861991	14.796 ug/ml
2) N-DECANE	4.316	2601993	20.300 ug/ml
3) N-DODECANE	6.497	2948981	22.407 ug/ml
4) N-TETRADECANE	8.328	3095770	22.872 ug/mlm
5) N-HEXADECANE	9.937	4255053	30.366 ug/mlm
6) N-OCTADECANE	11.379	3236541	22.669 ug/mlm
7) N-EICOSANE	12.690	3039707	21.289 ug/ml
8) N-DOCOSANE	13.889	3308283	23.740 ug/ml
10) N-TETRACOSANE	14.992	3017542	21.778 ug/ml
11) N-HEXACOSANE	16.013	2960350	21.822 ug/ml
12) N-OCTACOSANE	16.964	2889362	21.849 ug/ml
13) N-TRIACONTANE	17.852	2727143	21.046 ug/mlm
14) N-DOTRIACONTANE	18.687	3042901	23.800 ug/ml
15) N-TETRATRIACONTANE	19.470	2676896	21.639 ug/ml
16) N-HEXATRIACONTANE	20.209	2127281	18.328 ug/ml
17) N-OCTATRIACONTANE	20.919	2084628	18.150 ug/ml
18) N-TETRACONTANE	21.758	2304963	19.550 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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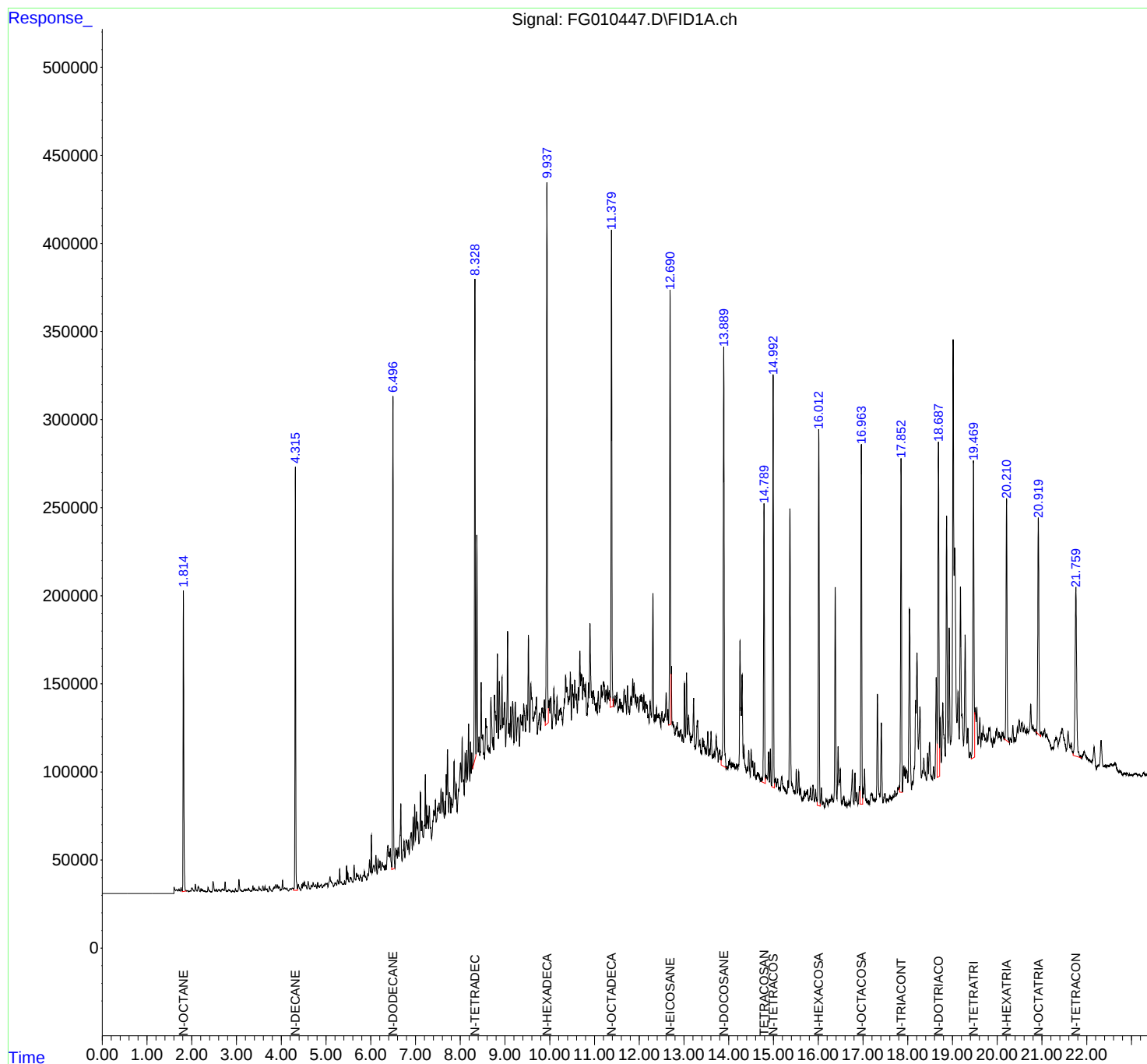
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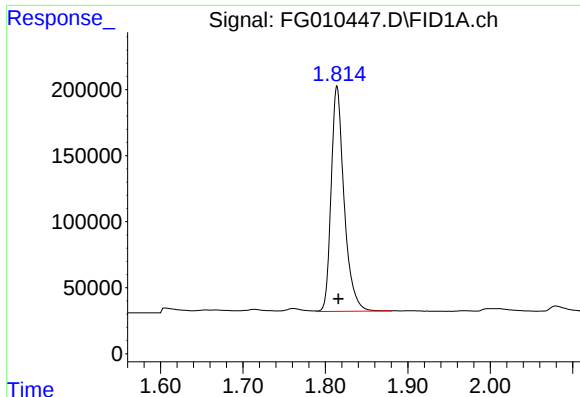
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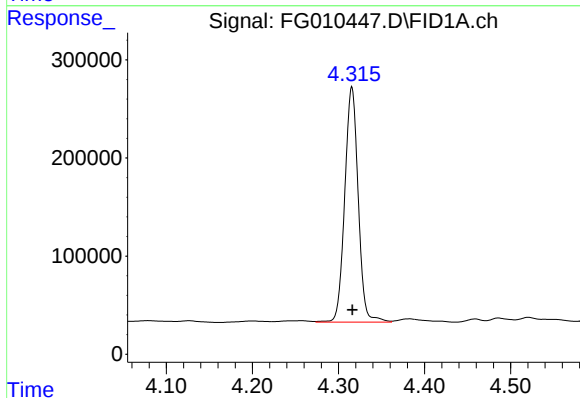
#1 N-OCTANE

R.T.: 1.814 min
Delta R.T.: -0.002 min
Response: 1861991
Conc: 14.80 ug/ml

Instrument :
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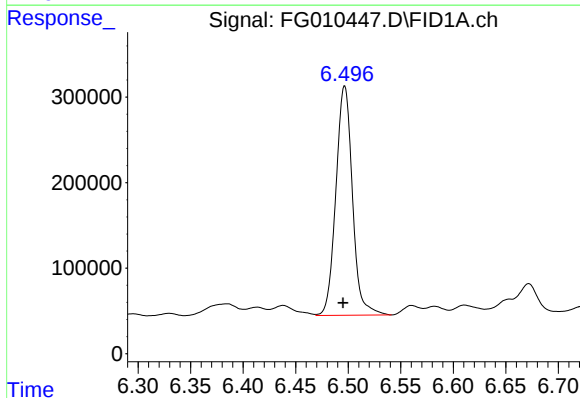
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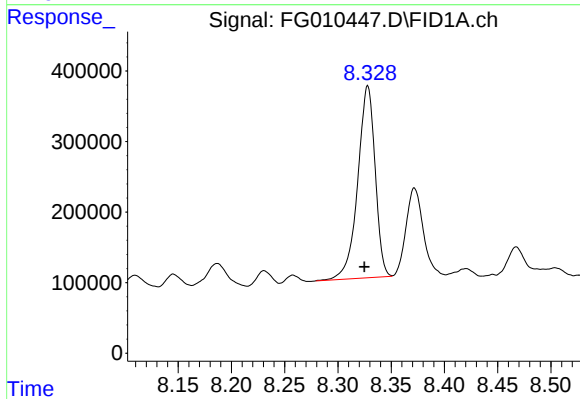
#2 N-DECANE

R.T.: 4.316 min
Delta R.T.: 0.000 min
Response: 2601993
Conc: 20.30 ug/ml



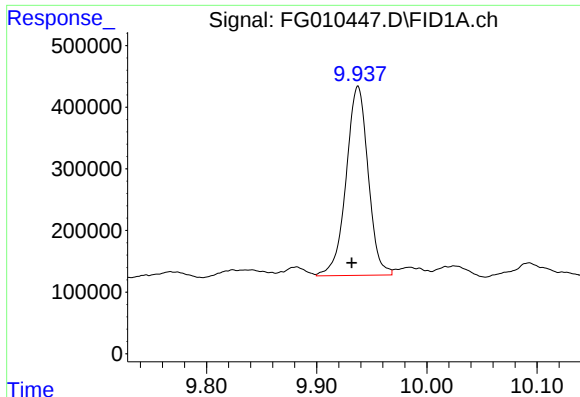
#3 N-DODECANE

R.T.: 6.497 min
Delta R.T.: 0.001 min
Response: 2948981
Conc: 22.41 ug/ml



#4 N-TETRADECANE

R.T.: 8.328 min
Delta R.T.: 0.003 min
Response: 3095770
Conc: 22.87 ug/ml m



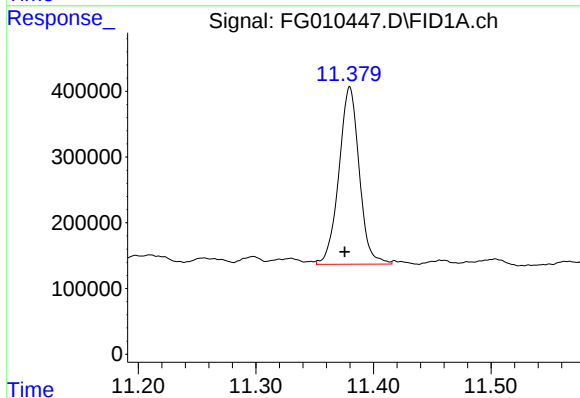
#5 N-HEXADECANE

R.T.: 9.937 min
Delta R.T.: 0.005 min
Response: 4255053
Conc: 30.37 ug/ml

Instrument :
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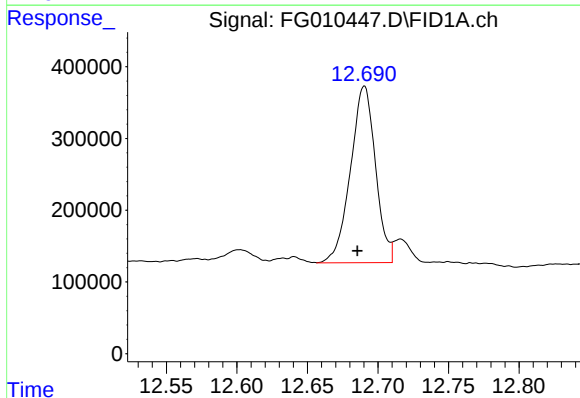
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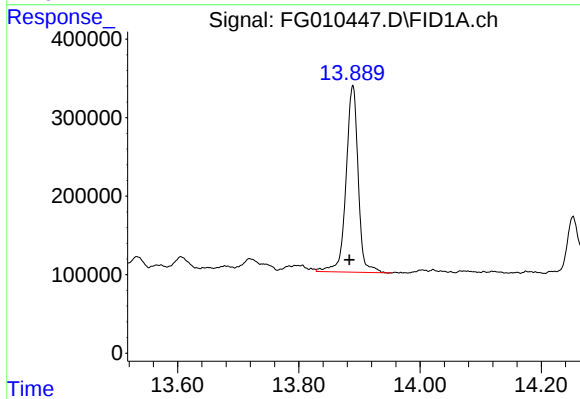
#6 N-OCTADECANE

R.T.: 11.379 min
Delta R.T.: 0.004 min
Response: 3236541
Conc: 22.67 ug/ml m



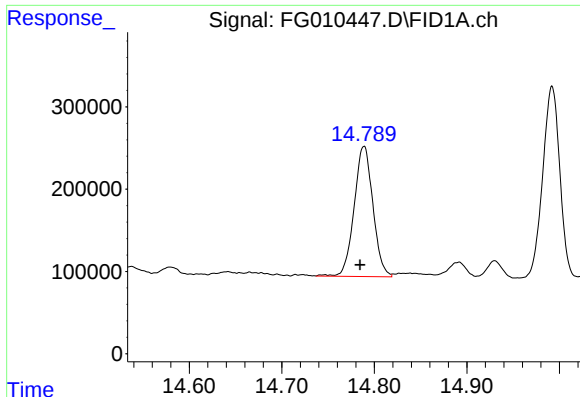
#7 N-EICOSANE

R.T.: 12.690 min
Delta R.T.: 0.005 min
Response: 3039707
Conc: 21.29 ug/ml



#8 N-DOCOSANE

R.T.: 13.889 min
Delta R.T.: 0.005 min
Response: 3308283
Conc: 23.74 ug/ml



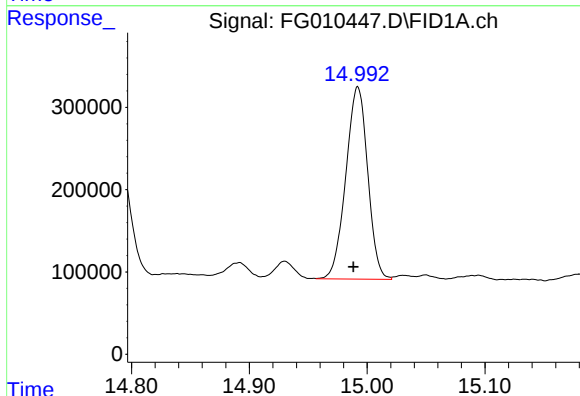
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.789 min
Delta R.T.: 0.004 min
Response: 2235544
Conc: 18.27 ug/ml

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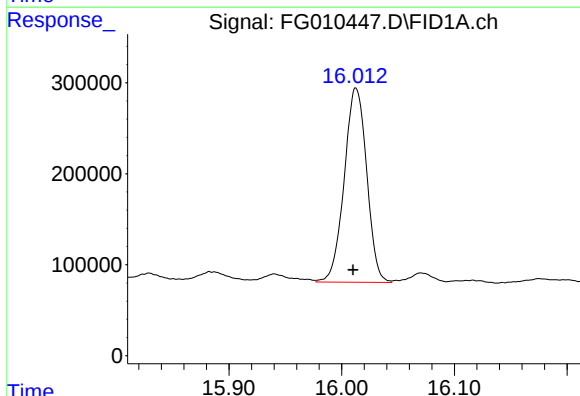
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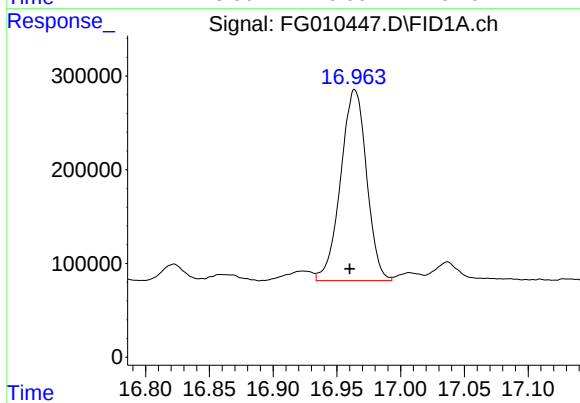
#10 N-TETRACOSANE

R.T.: 14.992 min
Delta R.T.: 0.004 min
Response: 3017542
Conc: 21.78 ug/ml



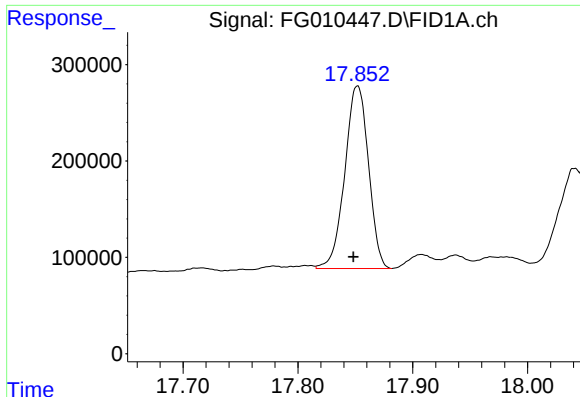
#11 N-HEXACOSANE

R.T.: 16.013 min
Delta R.T.: 0.003 min
Response: 2960350
Conc: 21.82 ug/ml



#12 N-OCTACOSANE

R.T.: 16.964 min
Delta R.T.: 0.004 min
Response: 2889362
Conc: 21.85 ug/ml



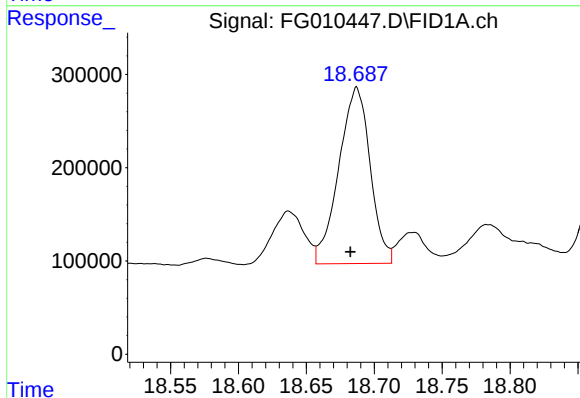
#13 N-TRIACONTANE

R.T.: 17.852 min
Delta R.T.: 0.004 min
Response: 2727143
Conc: 21.05 ug/ml

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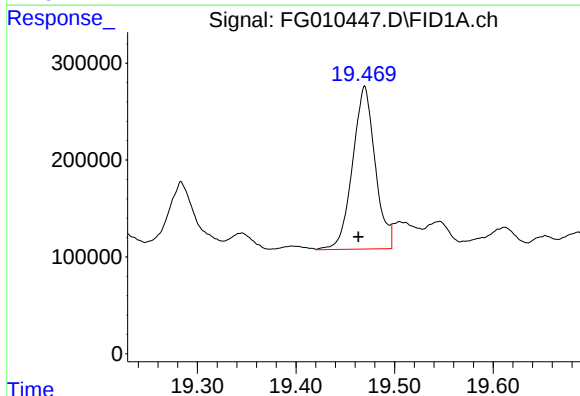
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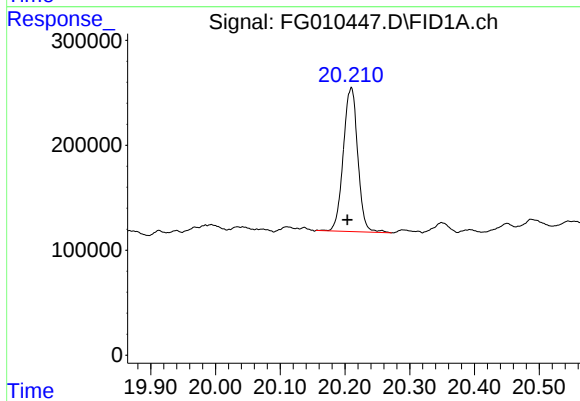
#14 N-DOTRIACONTANE

R.T.: 18.687 min
Delta R.T.: 0.005 min
Response: 3042901
Conc: 23.80 ug/ml



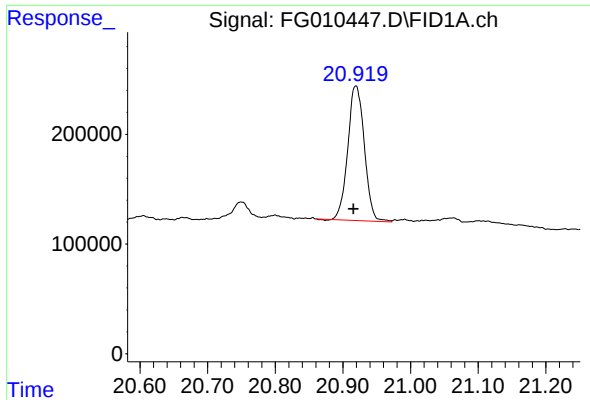
#15 N-TETRATRIACONTANE

R.T.: 19.470 min
Delta R.T.: 0.006 min
Response: 2676896
Conc: 21.64 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.209 min
Delta R.T.: 0.006 min
Response: 2127281
Conc: 18.33 ug/ml



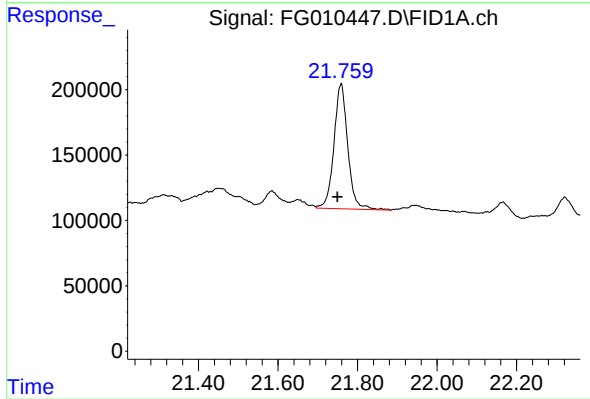
#17 N-OCTATRIACONTANE

R.T.: 20.919 min
Delta R.T.: 0.004 min
Response: 2084628
Conc: 18.15 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.758 min
Delta R.T.: 0.010 min
Response: 2304963
Conc: 19.55 ug/ml