

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090922\
 Data File : FG010549.D
 Signal(s) : FID1A.ch
 Acq On : 09 Sep 2022 15:31
 Operator : YP\AJ
 Sample : N4539-04MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 MBD-WC-S-MP-1-0-46MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/12/2022
 Supervised By :Ankita Jodhani 09/12/2022

Integration File: autoint1.e
 Quant Time: Sep 12 00:29:06 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...	14.784	2072645	16.935 ug/ml
Target Compounds			
1) N-OCTANE	1.808	1402827	11.147 ug/ml
2) N-DECANE	4.310	2302930	17.967 ug/ml
3) N-DODECANE	6.491	2584368	19.637 ug/ml
4) N-TETRADECANE	8.320	2627275	19.411 ug/ml
5) N-HEXADECANE	9.928	2511614	17.924 ug/ml
6) N-OCTADECANE	11.371	2703783	18.937 ug/ml
7) N-EICOSANE	12.682	2753038	19.282 ug/mlm
8) N-DOCOSANE	13.883	2788911	20.013 ug/ml
10) N-TETRACOSANE	14.988	2623425	18.933 ug/ml
11) N-HEXACOSANE	16.012	2741549	20.209 ug/ml
12) N-OCTACOSANE	16.964	2913411	22.031 ug/ml
13) N-TRIACONTANE	17.853	2836830	21.893 ug/mlm
14) N-DOTRIACONTANE	18.688	2800040	21.901 ug/mlm
15) N-TETRATRIACONTANE	19.476	2781295	22.483 ug/mlm
16) N-HEXATRIACONTANE	20.217	2582699	22.252 ug/mlm
17) N-OCTATRIACONTANE	20.929	2524850	21.983 ug/ml
18) N-TETRACONTANE	21.774	2692050	22.833 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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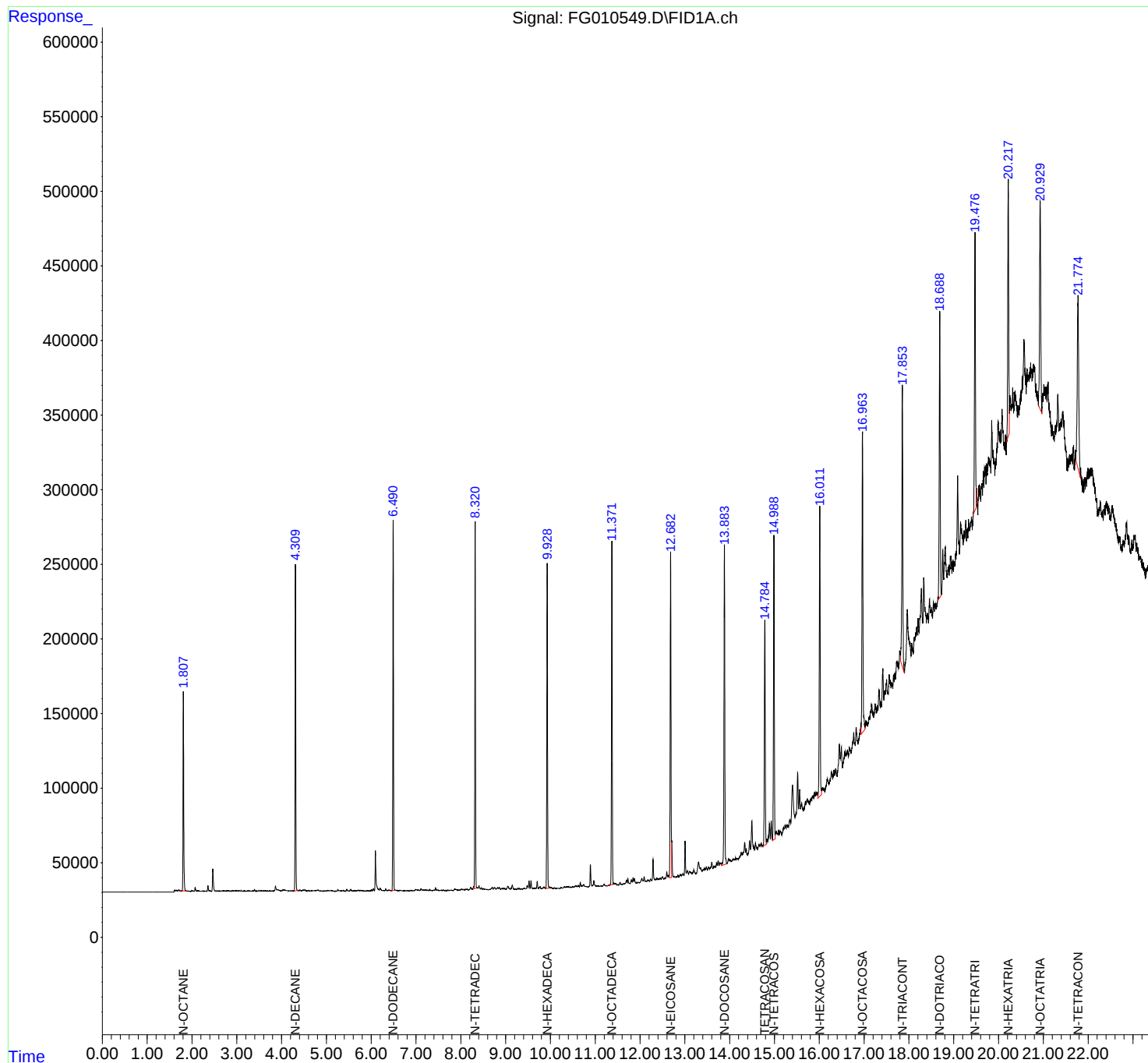
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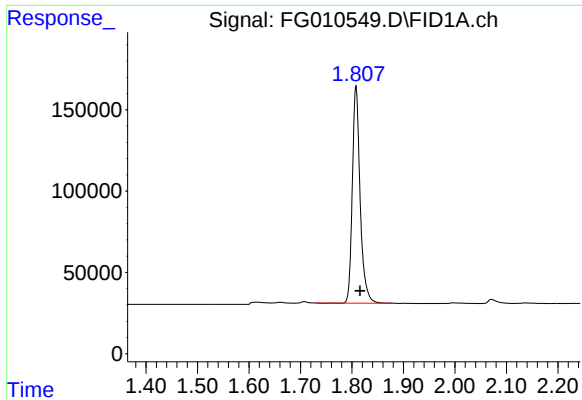
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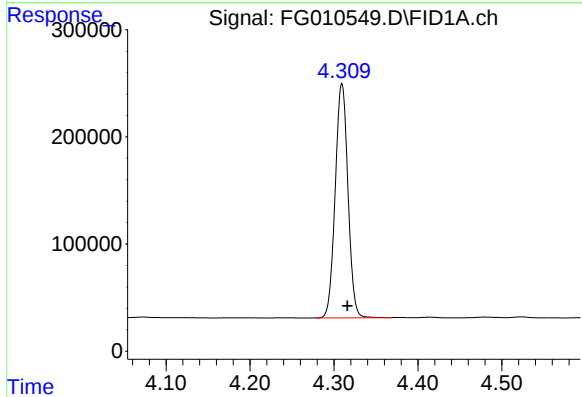
#1 N-OCTANE

R.T.: 1.808 min
Delta R.T.: -0.008 min
Response: 1402827
Conc: 11.15 ug/ml

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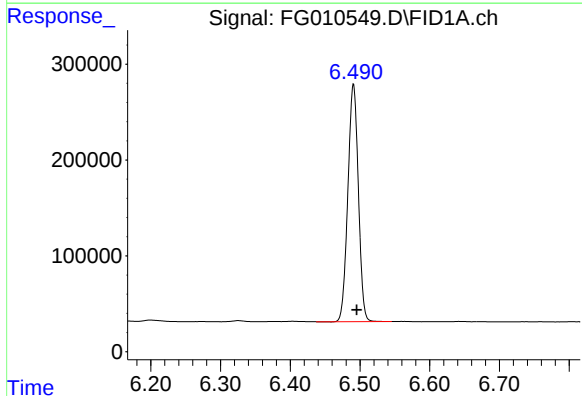
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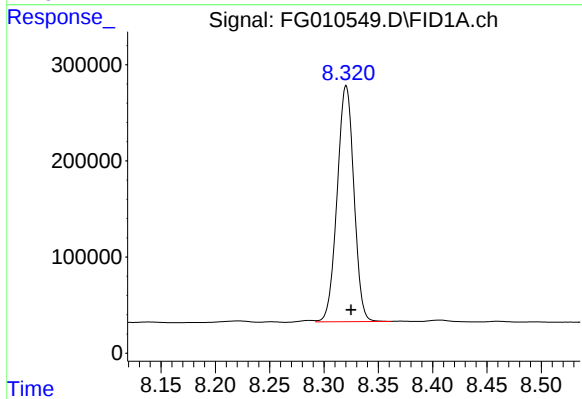
#2 N-DECANE

R.T.: 4.310 min
Delta R.T.: -0.007 min
Response: 2302930
Conc: 17.97 ug/ml



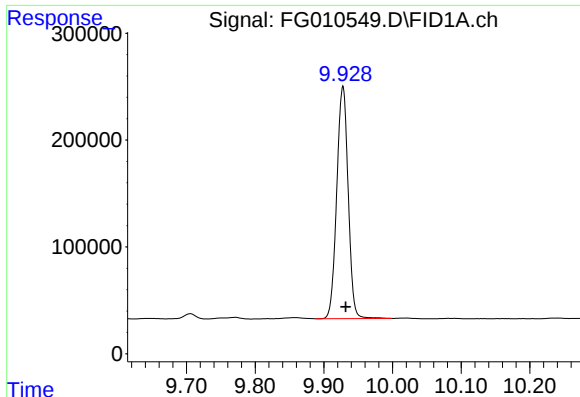
#3 N-DODECANE

R.T.: 6.491 min
Delta R.T.: -0.005 min
Response: 2584368
Conc: 19.64 ug/ml



#4 N-TETRADECANE

R.T.: 8.320 min
Delta R.T.: -0.005 min
Response: 2627275
Conc: 19.41 ug/ml



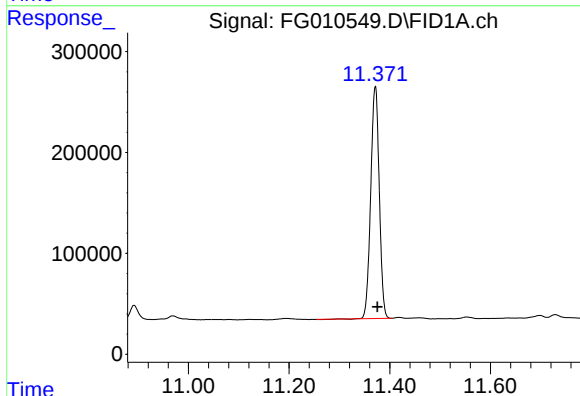
#5 N-HEXADECANE

R.T.: 9.928 min
Delta R.T.: -0.004 min
Response: 2511614
Conc: 17.92 ug/ml

Instrument :
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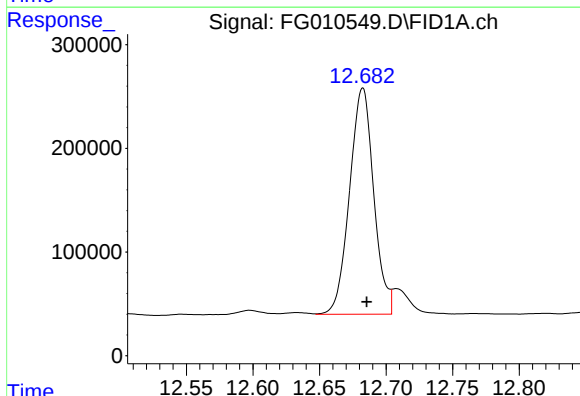
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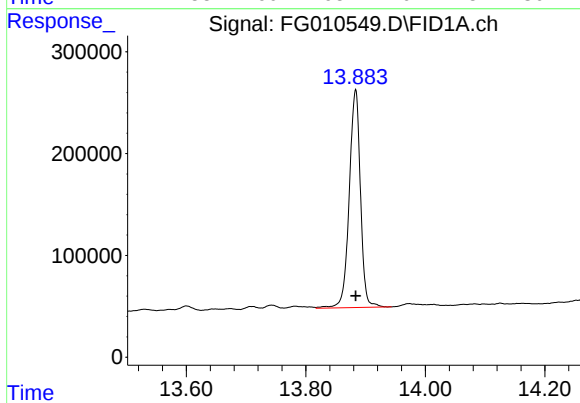
#6 N-OCTADECANE

R.T.: 11.371 min
Delta R.T.: -0.004 min
Response: 2703783
Conc: 18.94 ug/ml



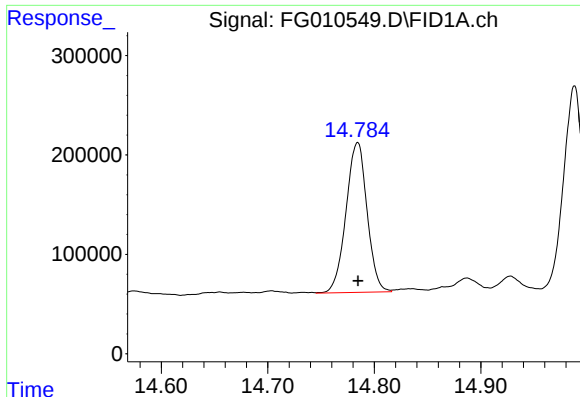
#7 N-EICOSANE

R.T.: 12.682 min
Delta R.T.: -0.003 min
Response: 2753038
Conc: 19.28 ug/ml m



#8 N-DOCOSANE

R.T.: 13.883 min
Delta R.T.: 0.000 min
Response: 2788911
Conc: 20.01 ug/ml



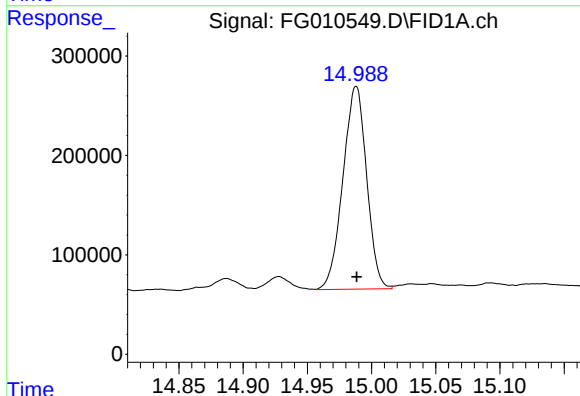
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.784 min
Delta R.T.: 0.000 min
Response: 2072645
Conc: 16.94 ug/ml

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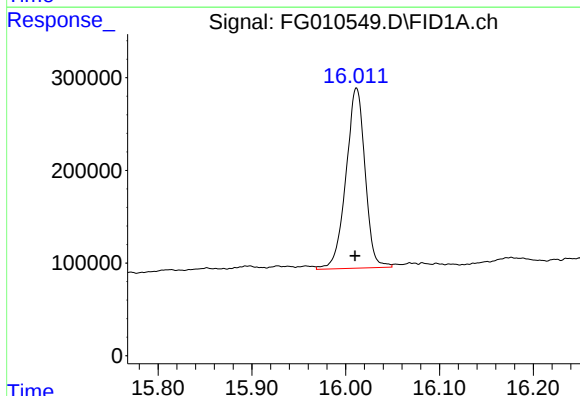
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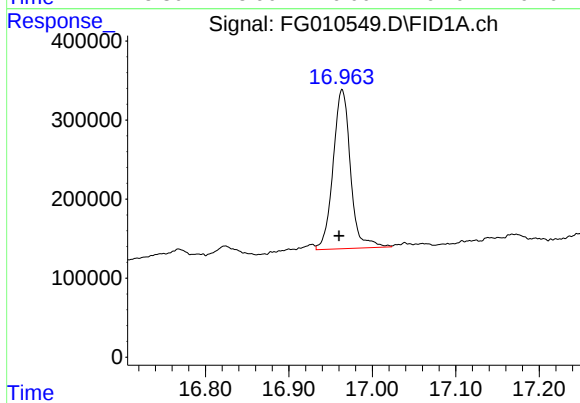
#10 N-TETRACOSANE

R.T.: 14.988 min
Delta R.T.: 0.000 min
Response: 2623425
Conc: 18.93 ug/ml



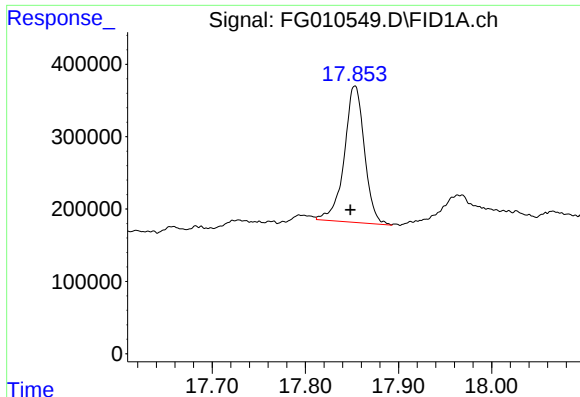
#11 N-HEXACOSANE

R.T.: 16.012 min
Delta R.T.: 0.001 min
Response: 2741549
Conc: 20.21 ug/ml



#12 N-OCTACOSANE

R.T.: 16.964 min
Delta R.T.: 0.004 min
Response: 2913411
Conc: 22.03 ug/ml



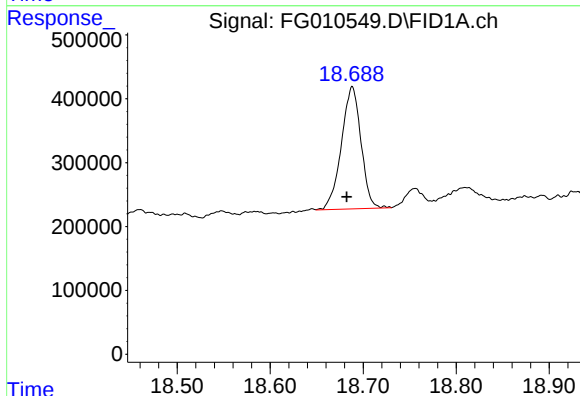
#13 N-TRIACONTANE

R.T.: 17.853 min
Delta R.T.: 0.005 min
Response: 2836830
Conc: 21.89 ug/ml

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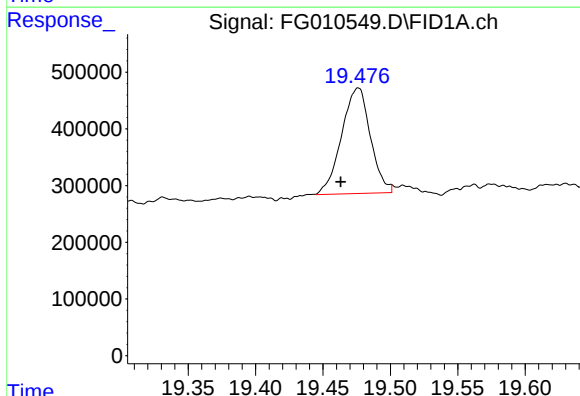
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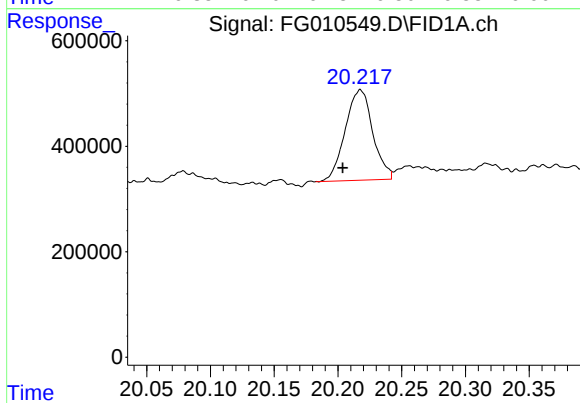
#14 N-DOTRIACONTANE

R.T.: 18.688 min
Delta R.T.: 0.005 min
Response: 2800040
Conc: 21.90 ug/ml m



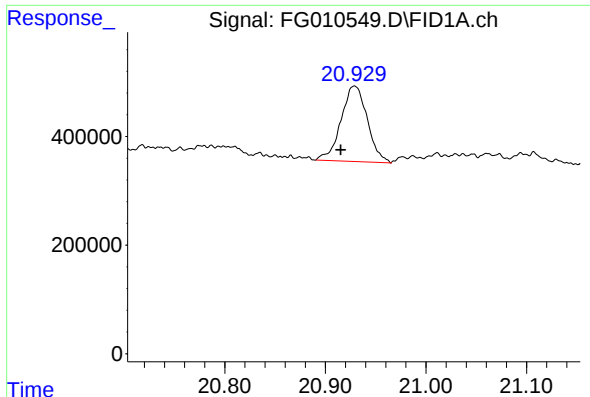
#15 N-TETRATRIACONTANE

R.T.: 19.476 min
Delta R.T.: 0.012 min
Response: 2781295
Conc: 22.48 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.217 min
Delta R.T.: 0.013 min
Response: 2582699
Conc: 22.25 ug/ml m



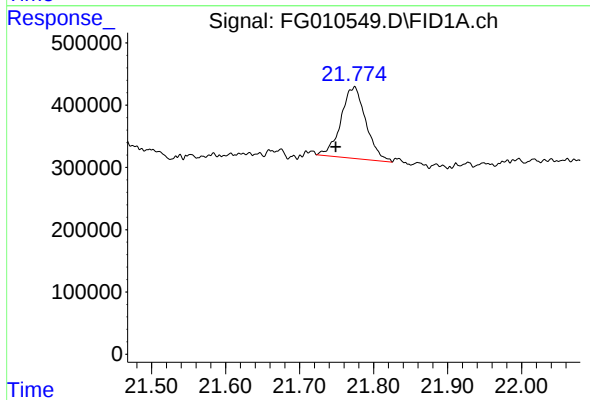
#17 N-OCTATRIACONTANE

R.T.: 20.929 min
Delta R.T.: 0.014 min
Response: 2524850
Conc: 21.98 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.774 min
Delta R.T.: 0.025 min
Response: 2692050
Conc: 22.83 ug/ml m