

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG072123\
 Data File : FG012553.D
 Signal(s) : FID1A.ch
 Acq On : 22 Jul 2023 00:26
 Operator : YP\AJ
 Sample : 03660-01MSD
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WASTEMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :Ankita Jodhani 07/24/2023

Integration File: autoint1.e
 Quant Time: Jul 22 02:22:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070623.M
 Quant Title :
 QLast Update : Thu Jul 06 13:57:02 2023
 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...	14.977	1690518	15.819 ug/ml
Target Compounds			
1) N-OCTANE	2.003	2735288	22.766 ug/mlm
2) N-DECANE	4.514	3139217	25.755 ug/ml
3) N-DODECANE	6.684	3126066	25.517 ug/ml
4) N-TETRADECANE	8.512	2980956	25.085 ug/ml
5) N-HEXADECANE	10.121	2960600	23.611 ug/ml
6) N-OCTADECANE	11.566	3079550	23.973 ug/ml
7) N-EICOSANE	12.877	2914965	23.077 ug/ml
8) N-DOCOSANE	14.077	2813458	22.898 ug/ml
10) N-TETRACOSANE	15.182	3999610	30.232 ug/ml
11) N-HEXACOSANE	16.206	2873194	24.552 ug/ml
12) N-OCTACOSANE	17.158	3278349	28.713 ug/ml
13) N-TRIACONTANE	18.047	3228393	29.113 ug/ml
14) N-DOTRIACONTANE	18.883	3456205	33.068 ug/ml
15) N-TETRATRIACONTANE	19.669	2914602	29.601 ug/ml
16) N-HEXATRIACONTANE	20.410	2599813	28.108 ug/ml
17) N-OCTATRIACONTANE	21.147	2320501	26.023 ug/mlm
18) N-TETRACONTANE	22.057	2373119	26.732 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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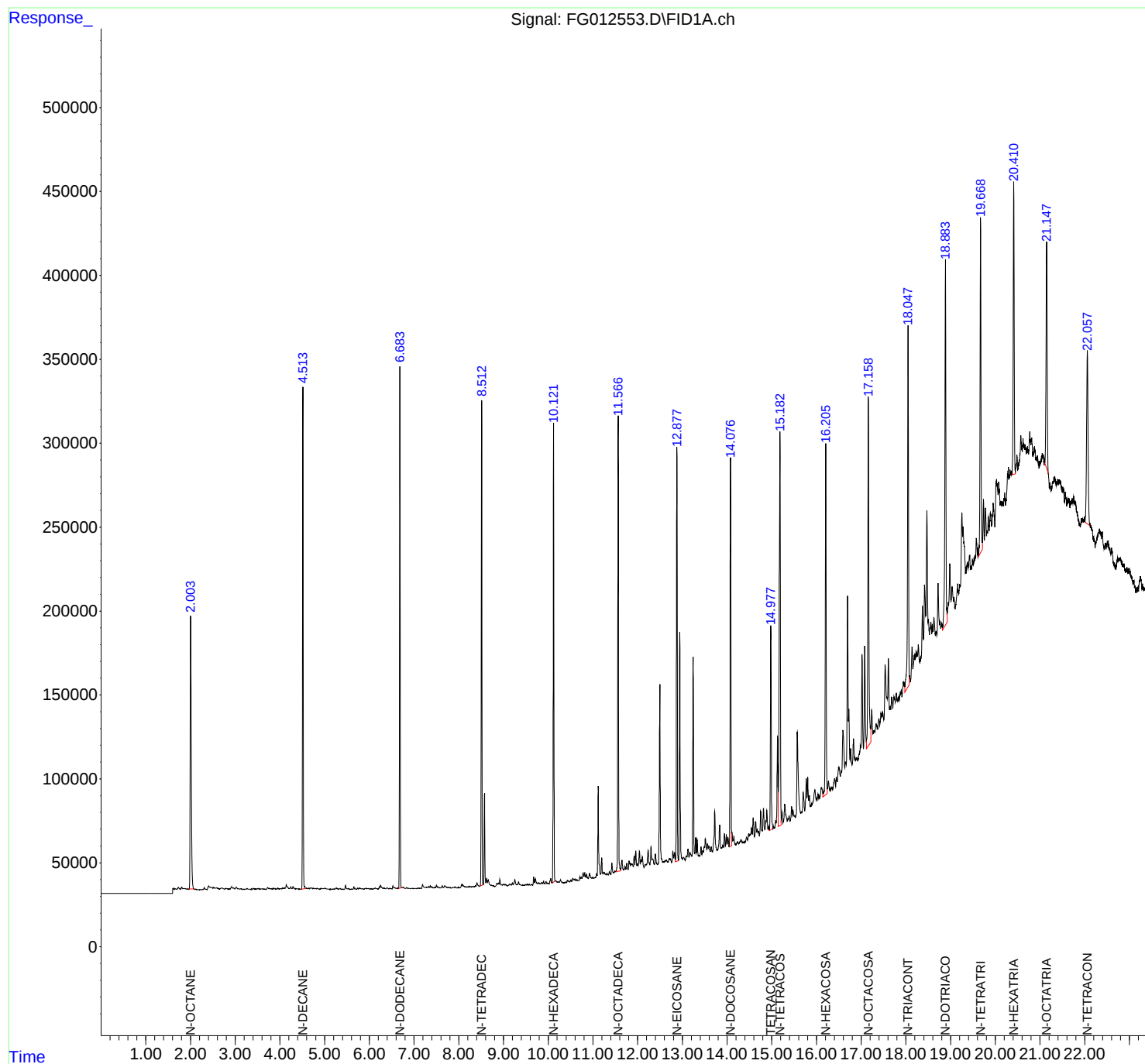
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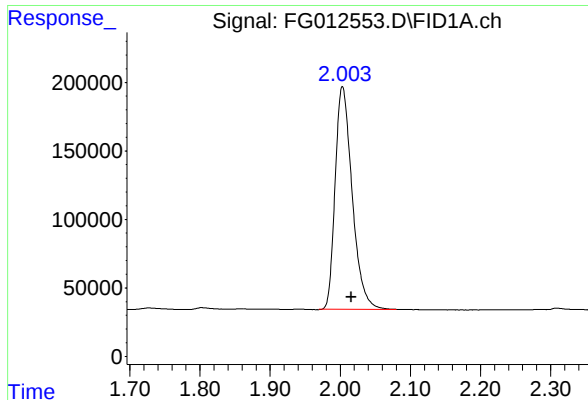
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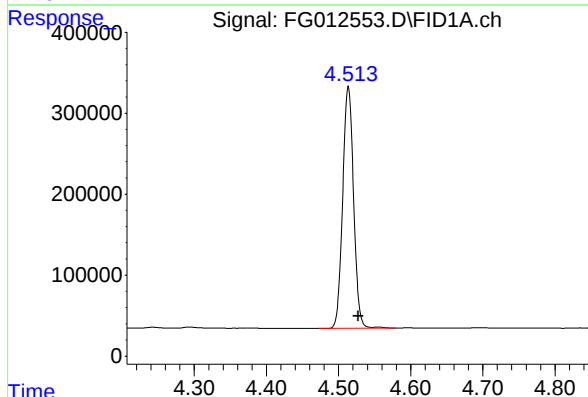
#1 N-OCTANE

R.T.: 2.003 min
Delta R.T.: -0.013 min
Response: 2735288
Conc: 22.77 ug/ml

Instrument :
FID_G
ClientSampleId :
WASTEMSD

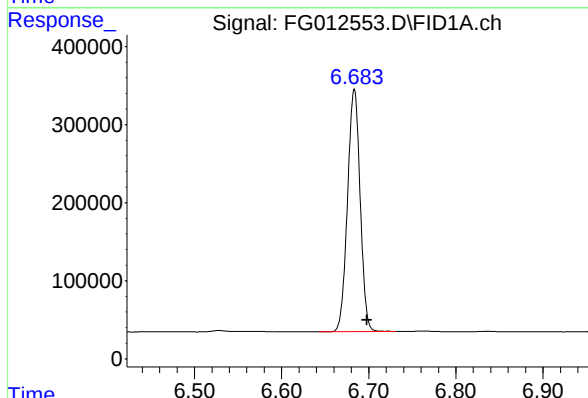
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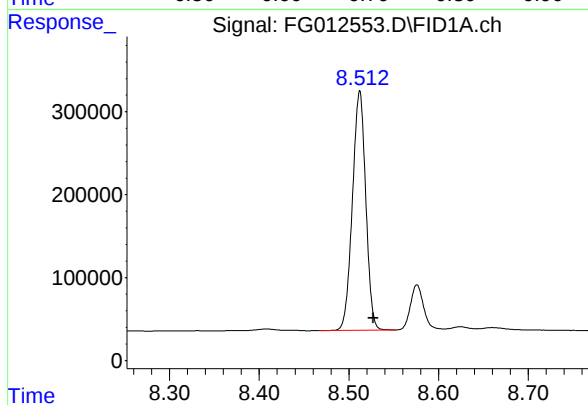
#2 N-DECANE

R.T.: 4.514 min
Delta R.T.: -0.014 min
Response: 3139217
Conc: 25.75 ug/ml



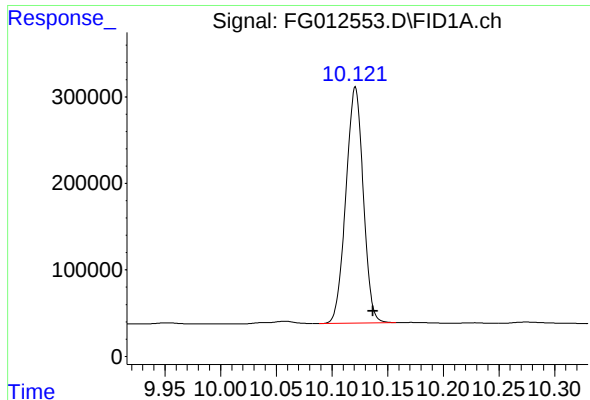
#3 N-DODECANE

R.T.: 6.684 min
Delta R.T.: -0.015 min
Response: 3126066
Conc: 25.52 ug/ml



#4 N-TETRADECANE

R.T.: 8.512 min
Delta R.T.: -0.015 min
Response: 2980956
Conc: 25.08 ug/ml



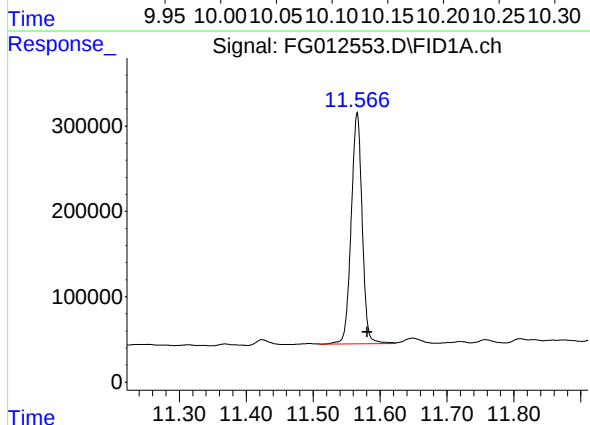
#5 N-HEXADECANE

R.T.: 10.121 min
Delta R.T.: -0.016 min
Response: 2960600
Conc: 23.61 ug/ml

Instrument :
FID_G
ClientSampleId :
WASTEMSD

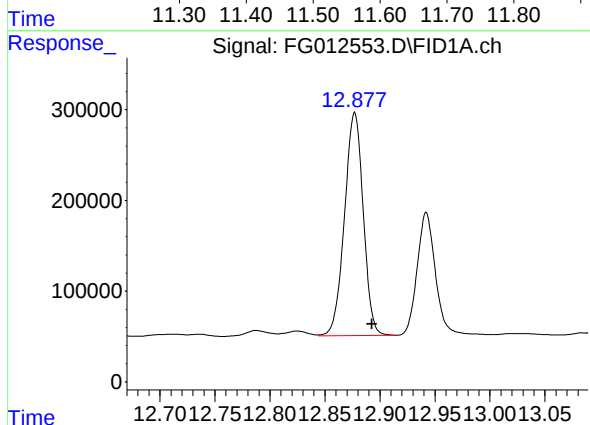
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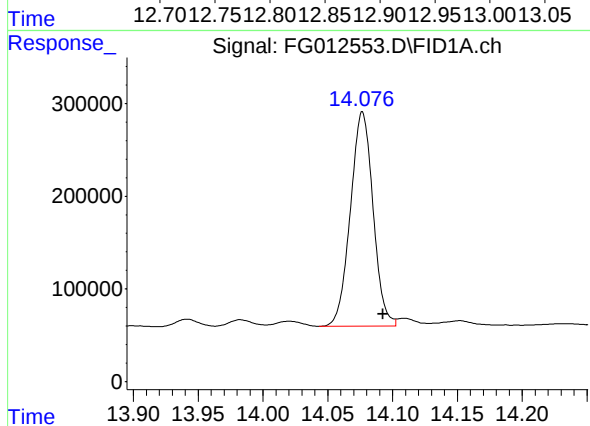
#6 N-OCTADECANE

R.T.: 11.566 min
Delta R.T.: -0.015 min
Response: 3079550
Conc: 23.97 ug/ml



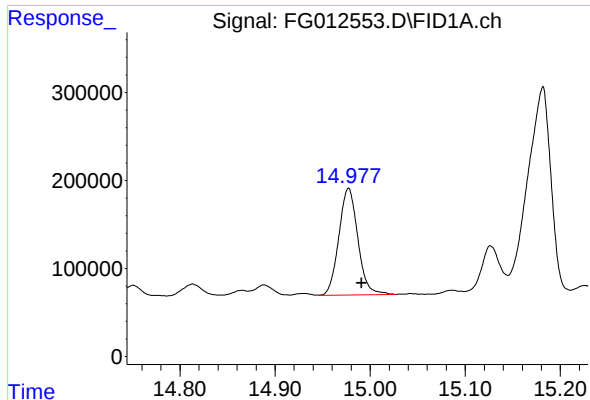
#7 N-EICOSANE

R.T.: 12.877 min
Delta R.T.: -0.016 min
Response: 2914965
Conc: 23.08 ug/ml



#8 N-DOCOSANE

R.T.: 14.077 min
Delta R.T.: -0.016 min
Response: 2813458
Conc: 22.90 ug/ml



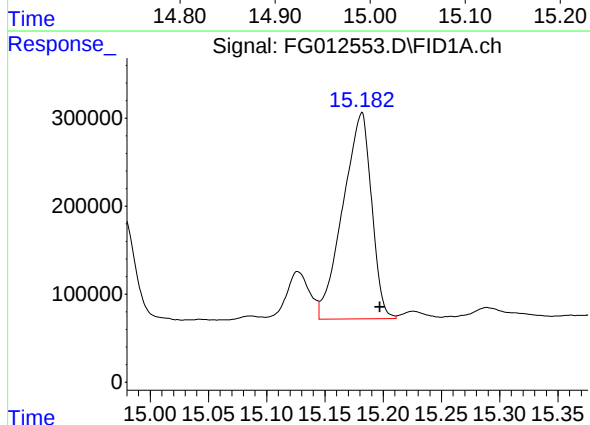
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.977 min
Delta R.T.: -0.014 min
Response: 1690518
Conc: 15.82 ug/ml

Instrument :
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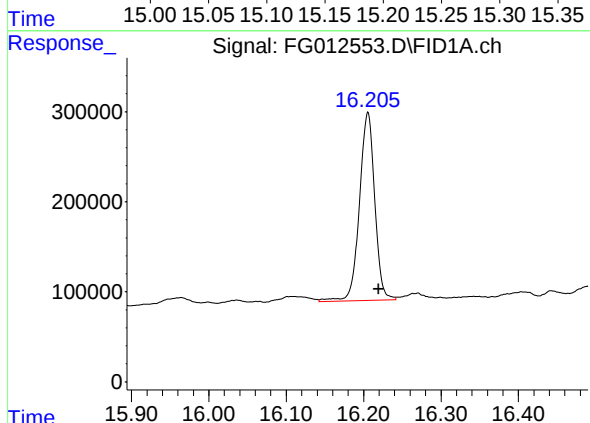
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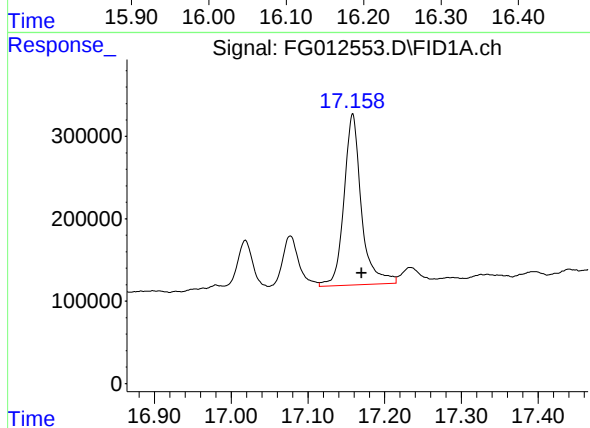
#10 N-TETRACOSANE

R.T.: 15.182 min
Delta R.T.: -0.015 min
Response: 3999610
Conc: 30.23 ug/ml



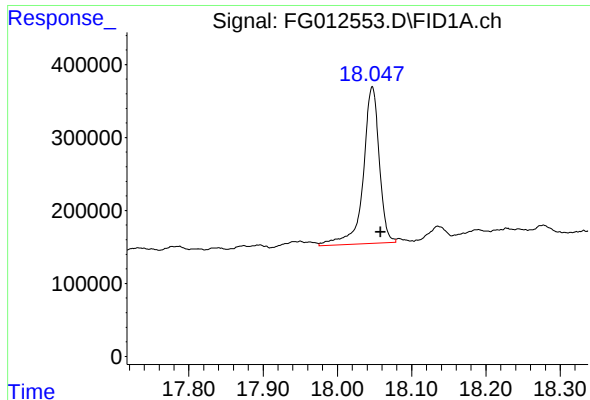
#11 N-HEXACOSANE

R.T.: 16.206 min
Delta R.T.: -0.014 min
Response: 2873194
Conc: 24.55 ug/ml



#12 N-OCTACOSANE

R.T.: 17.158 min
Delta R.T.: -0.012 min
Response: 3278349
Conc: 28.71 ug/ml



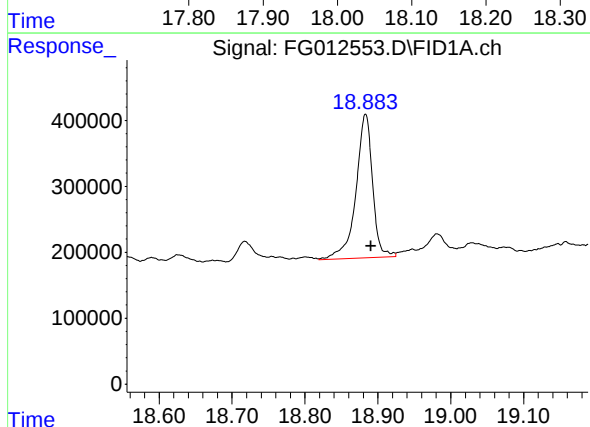
#13 N-TRIACONTANE

R.T.: 18.047 min
Delta R.T.: -0.011 min
Response: 3228393
Conc: 29.11 ug/ml

Instrument :
FID_G
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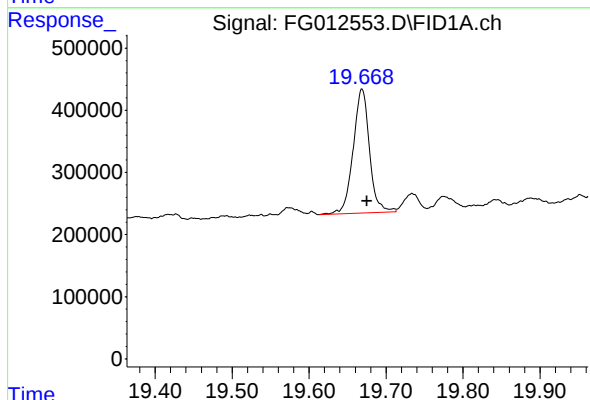
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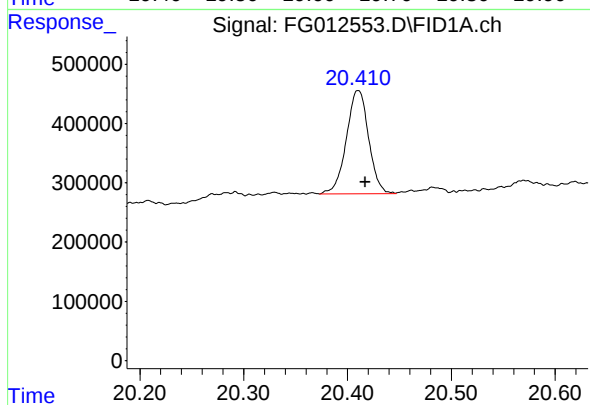
#14 N-DOTRIACONTANE

R.T.: 18.883 min
Delta R.T.: -0.007 min
Response: 3456205
Conc: 33.07 ug/ml



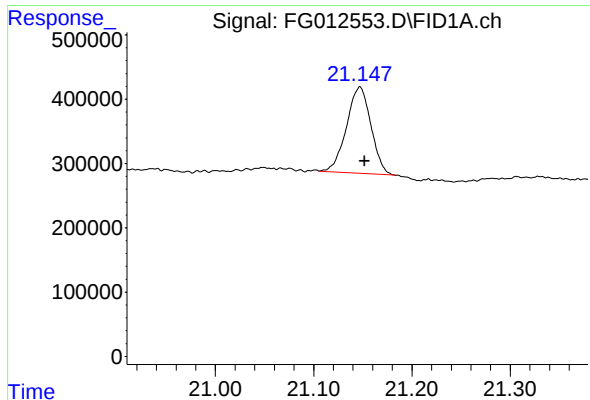
#15 N-TETRATRIACONTANE

R.T.: 19.669 min
Delta R.T.: -0.007 min
Response: 2914602
Conc: 29.60 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.410 min
Delta R.T.: -0.007 min
Response: 2599813
Conc: 28.11 ug/ml



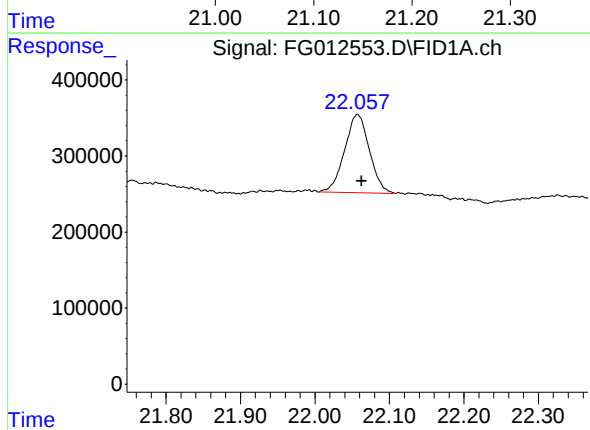
#17 N-OCTATRIACONTANE

R.T.: 21.147 min
Delta R.T.: -0.005 min
Response: 2320501
Conc: 26.02 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.057 min
Delta R.T.: -0.006 min
Response: 2373119
Conc: 26.73 ug/ml m