

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121525\
 Data File : FG017171.D
 Signal(s) : FID1A.ch
 Acq On : 15 Dec 2025 16:39
 Operator : YP\AJ
 Sample : Q3846-01MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 BU-02-12112025MS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 12/16/2025
 Supervised By :Yogesh Patel 12/16/2025

Integration File: autoint1.e
 Quant Time: Dec 16 01:11:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
 Quant Title :
 QLast Update : Mon Dec 01 15:19:01 2025
 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...	15.137	963385	9.258 ug/ml
Target Compounds			
1) N-OCTANE	2.078	1737932	13.963 ug/ml
2) N-DECANE	4.613	1883373	15.788 ug/ml
3) N-DODECANE	6.795	2007347	16.805 ug/ml
4) N-TETRADECANE	8.635	2100101	18.146 ug/ml
5) N-HEXADECANE	10.252	2145792	18.753 ug/ml
6) N-OCTADECANE	11.704	2123015	17.701 ug/ml
7) N-EICOSANE	13.025	2178689	17.526 ug/ml
8) N-DOCOSANE	14.232	2099364	17.583 ug/ml
10) N-TETRACOSANE	15.342	2410763	20.519 ug/ml
11) N-HEXACOSANE	16.372	2062025	18.354 ug/ml
12) N-OCTACOSANE	17.330	2350440	20.830 ug/ml
13) N-TRIACONTANE	18.227	2248091	20.086 ug/mlm
14) N-DOTRIACONTANE	19.065	2554289	23.628 ug/ml
15) N-TETRATRIACONTANE	19.856	2542466	25.361 ug/ml
16) N-HEXATRIACONTANE	20.602	2787341	31.957 ug/ml
17) N-OCTATRIACONTANE	21.384	2924115	38.347 ug/mlm
18) N-TETRACONTANE	22.372	2890818	46.205 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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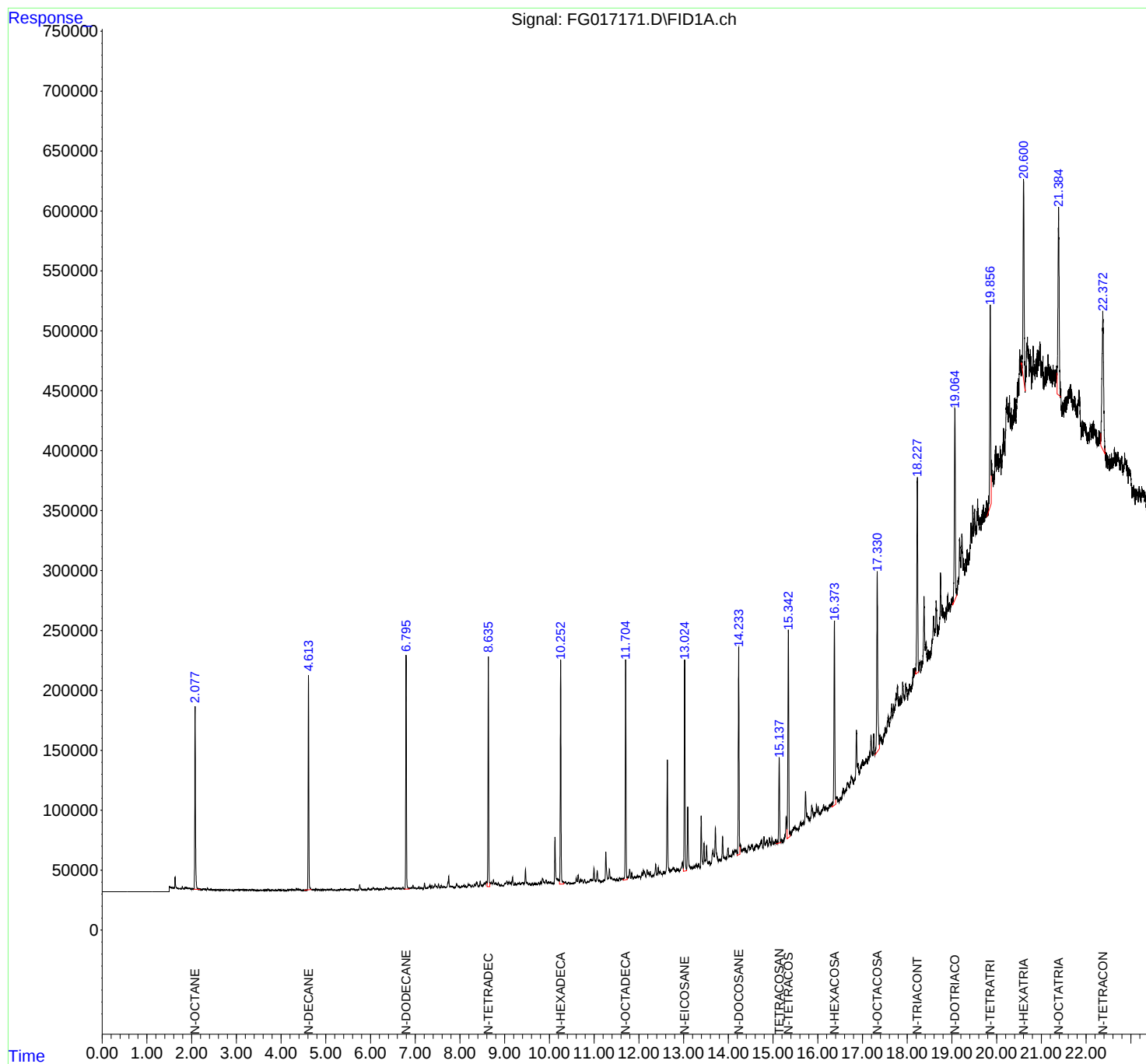
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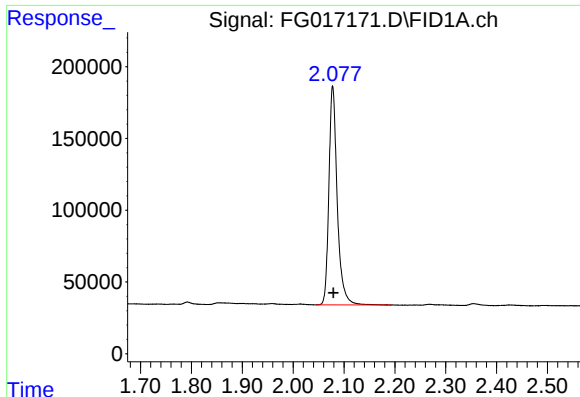
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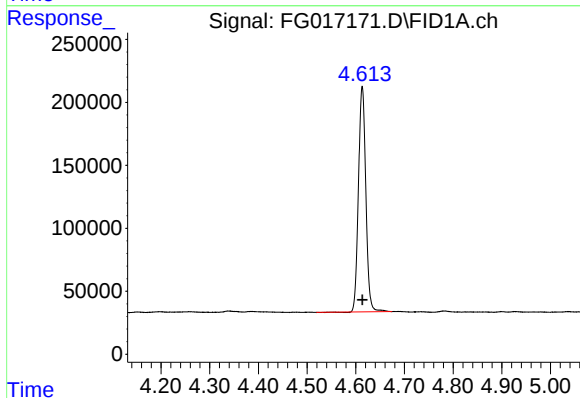
#1 N-OCTANE

R.T.: 2.078 min
Delta R.T.: -0.001 min
Response: 1737932
Conc: 13.96 ug/ml

Instrument :
FID_G
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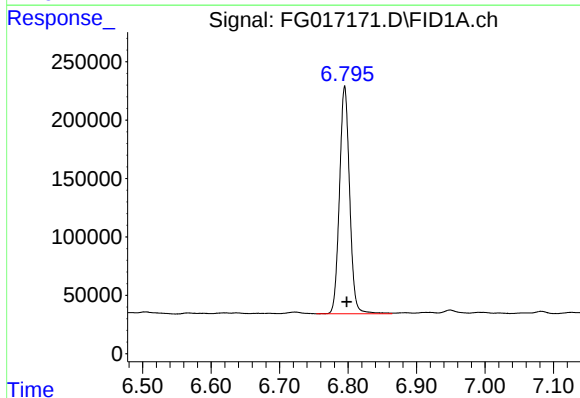
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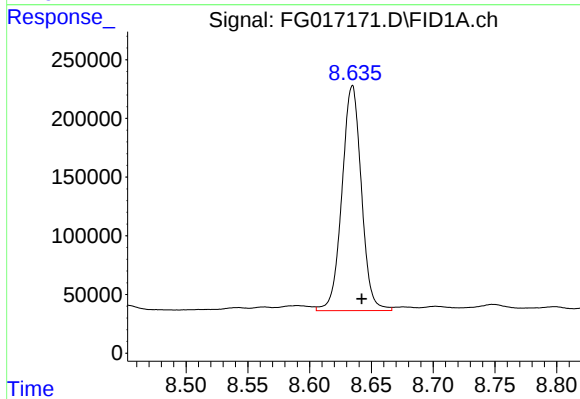
#2 N-DECANE

R.T.: 4.613 min
Delta R.T.: 0.000 min
Response: 1883373
Conc: 15.79 ug/ml



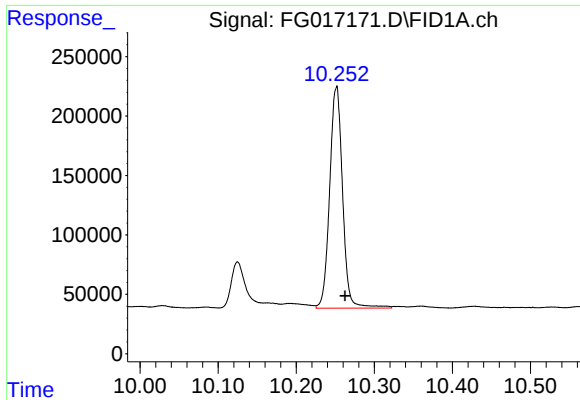
#3 N-DODECANE

R.T.: 6.795 min
Delta R.T.: -0.003 min
Response: 2007347
Conc: 16.81 ug/ml



#4 N-TETRADECANE

R.T.: 8.635 min
Delta R.T.: -0.008 min
Response: 2100101
Conc: 18.15 ug/ml



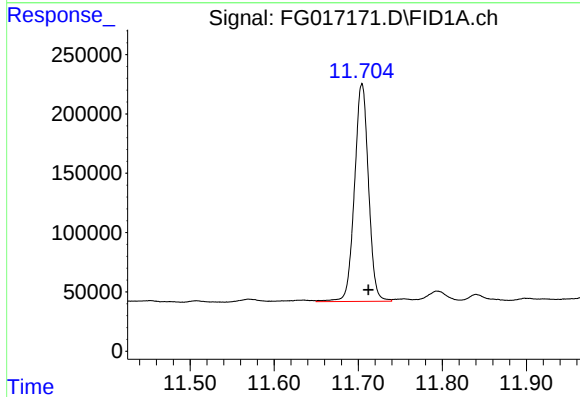
#5 N-HEXADECANE

R.T.: 10.252 min
Delta R.T.: -0.011 min
Response: 2145792
Conc: 18.75 ug/ml

Instrument :
FID_G
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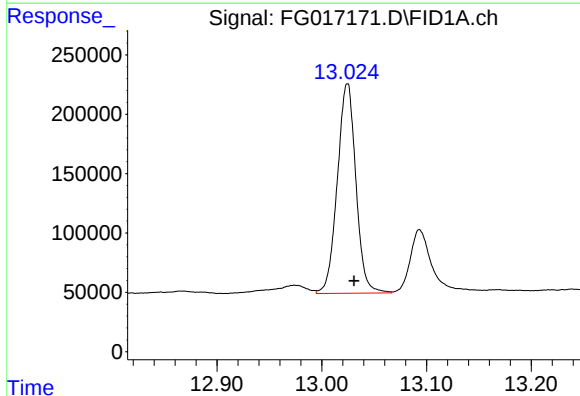
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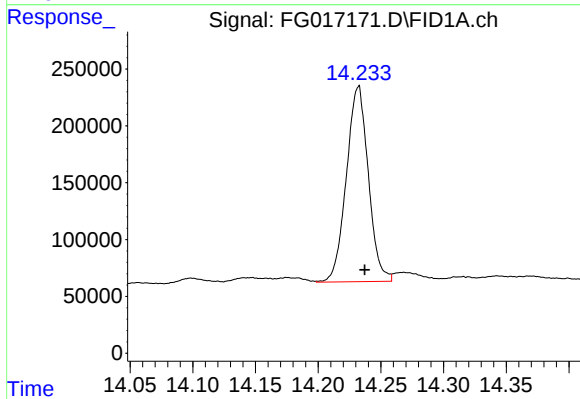
#6 N-OCTADECANE

R.T.: 11.704 min
Delta R.T.: -0.007 min
Response: 2123015
Conc: 17.70 ug/ml



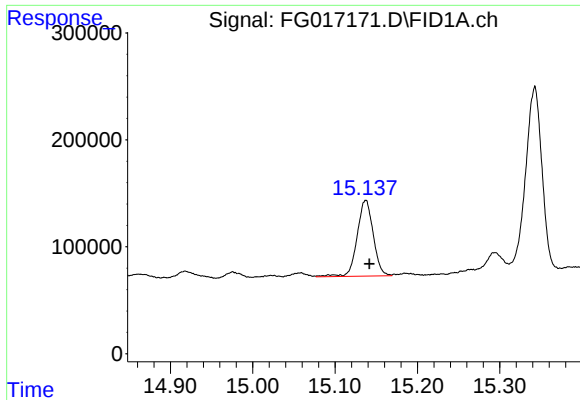
#7 N-EICOSANE

R.T.: 13.025 min
Delta R.T.: -0.006 min
Response: 2178689
Conc: 17.53 ug/ml



#8 N-DOCOSANE

R.T.: 14.232 min
Delta R.T.: -0.005 min
Response: 2099364
Conc: 17.58 ug/ml



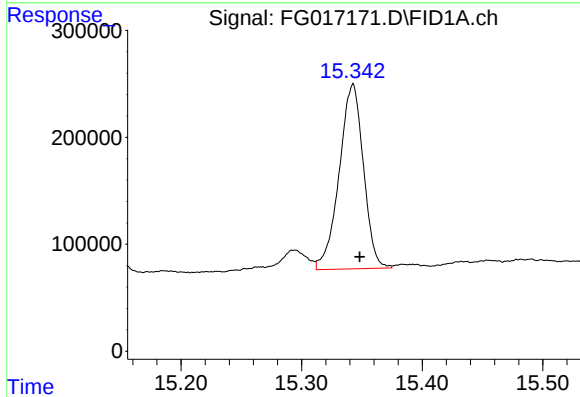
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.137 min
Delta R.T.: -0.005 min
Response: 963385
Conc: 9.26 ug/ml

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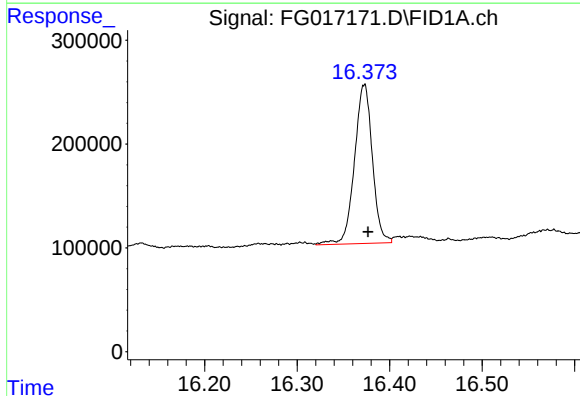
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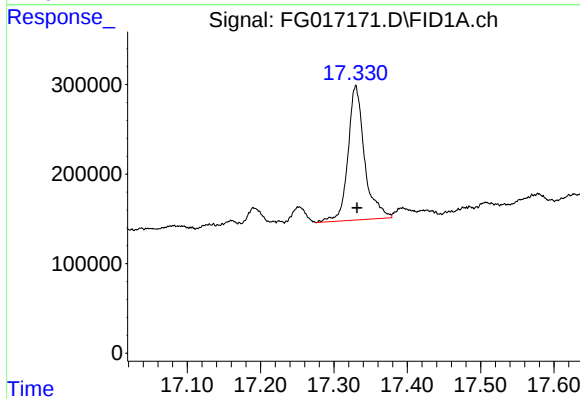
#10 N-TETRACOSANE

R.T.: 15.342 min
Delta R.T.: -0.006 min
Response: 2410763
Conc: 20.52 ug/ml



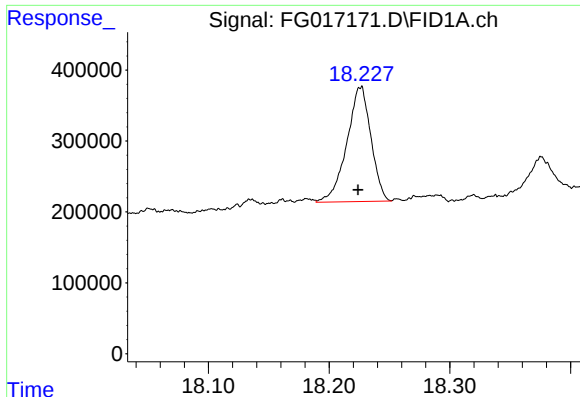
#11 N-HEXACOSANE

R.T.: 16.372 min
Delta R.T.: -0.004 min
Response: 2062025
Conc: 18.35 ug/ml



#12 N-OCTACOSANE

R.T.: 17.330 min
Delta R.T.: -0.002 min
Response: 2350440
Conc: 20.83 ug/ml



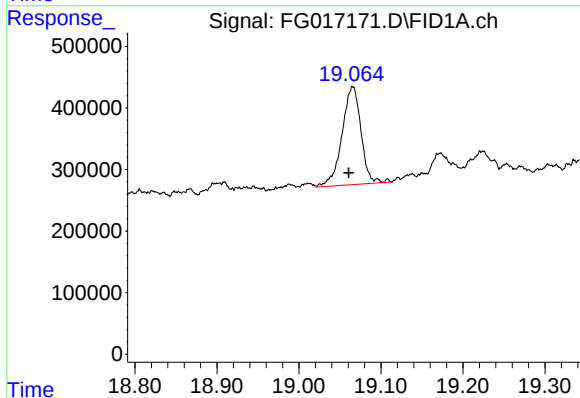
#13 N-TRIACONTANE

R.T.: 18.227 min
Delta R.T.: 0.003 min
Response: 2248091
Conc: 20.09 ug/ml

Instrument :
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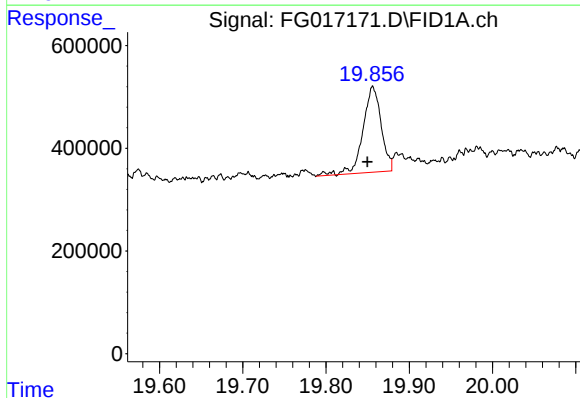
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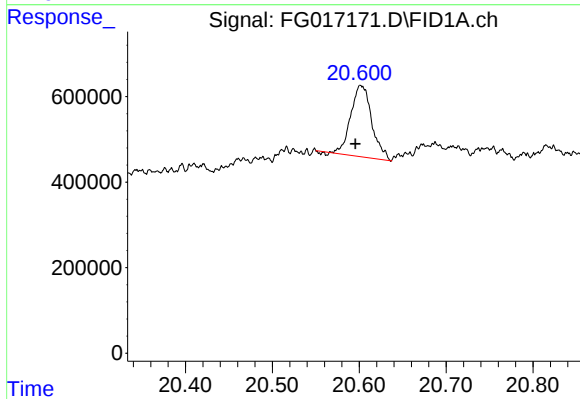
#14 N-DOTRIACONTANE

R.T.: 19.065 min
Delta R.T.: 0.005 min
Response: 2554289
Conc: 23.63 ug/ml



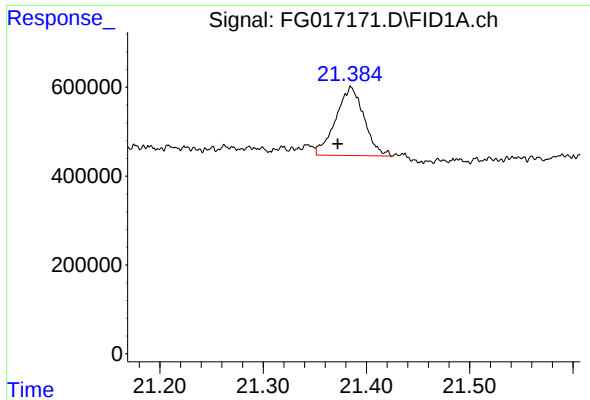
#15 N-TETRATRIACONTANE

R.T.: 19.856 min
Delta R.T.: 0.007 min
Response: 2542466
Conc: 25.36 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.602 min
Delta R.T.: 0.007 min
Response: 2787341
Conc: 31.96 ug/ml



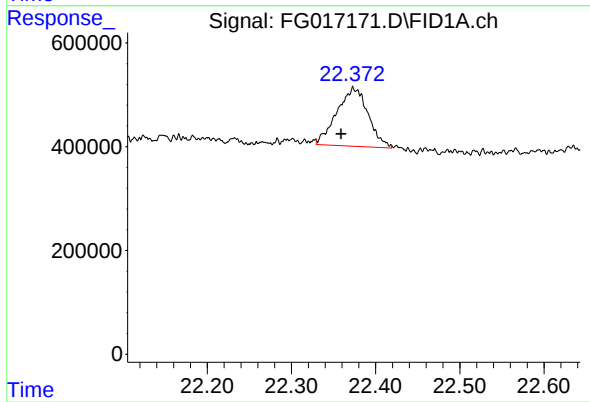
#17 N-OCTATRIACONTANE

R.T.: 21.384 min
Delta R.T.: 0.012 min
Response: 2924115
Conc: 38.35 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.372 min
Delta R.T.: 0.014 min
Response: 2890818
Conc: 46.21 ug/ml m