

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121525\
 Data File : FG017172.D
 Signal(s) : FID1A.ch
 Acq On : 15 Dec 2025 17:08
 Operator : YP\AJ
 Sample : Q3846-01MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 BU-02-12112025MSD

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 01:12:00 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...	15.141	933050	8.966 ug/ml
Target Compounds			
1) N-OCTANE	2.079	1671738	13.431 ug/ml
2) N-DECANE	4.615	1834605	15.379 ug/ml
3) N-DODECANE	6.797	1948912	16.316 ug/ml
4) N-TETRADECANE	8.636	2044129	17.663 ug/ml
5) N-HEXADECANE	10.254	2039177	17.821 ug/ml
6) N-OCTADECANE	11.708	2073558	17.288 ug/ml
7) N-EICOSANE	13.027	2112554	16.994 ug/ml
8) N-DOCOSANE	14.236	2036254	17.055 ug/ml
10) N-TETRACOSANE	15.346	2403749	20.459 ug/ml
11) N-HEXACOSANE	16.376	1980223	17.626 ug/ml
12) N-OCTACOSANE	17.334	2356227	20.882 ug/ml
13) N-TRIACONTANE	18.230	2485002	22.202 ug/ml
14) N-DOTRIACONTANE	19.070	2919839	27.009 ug/ml
15) N-TETRATRIACONTANE	19.861	2507325	25.011 ug/ml
16) N-HEXATRIACONTANE	20.609	2547132	29.203 ug/ml
17) N-OCTATRIACONTANE	21.391	3548782	46.539 ug/mlm
18) N-TETRACONTANE	22.382	2826103	45.171 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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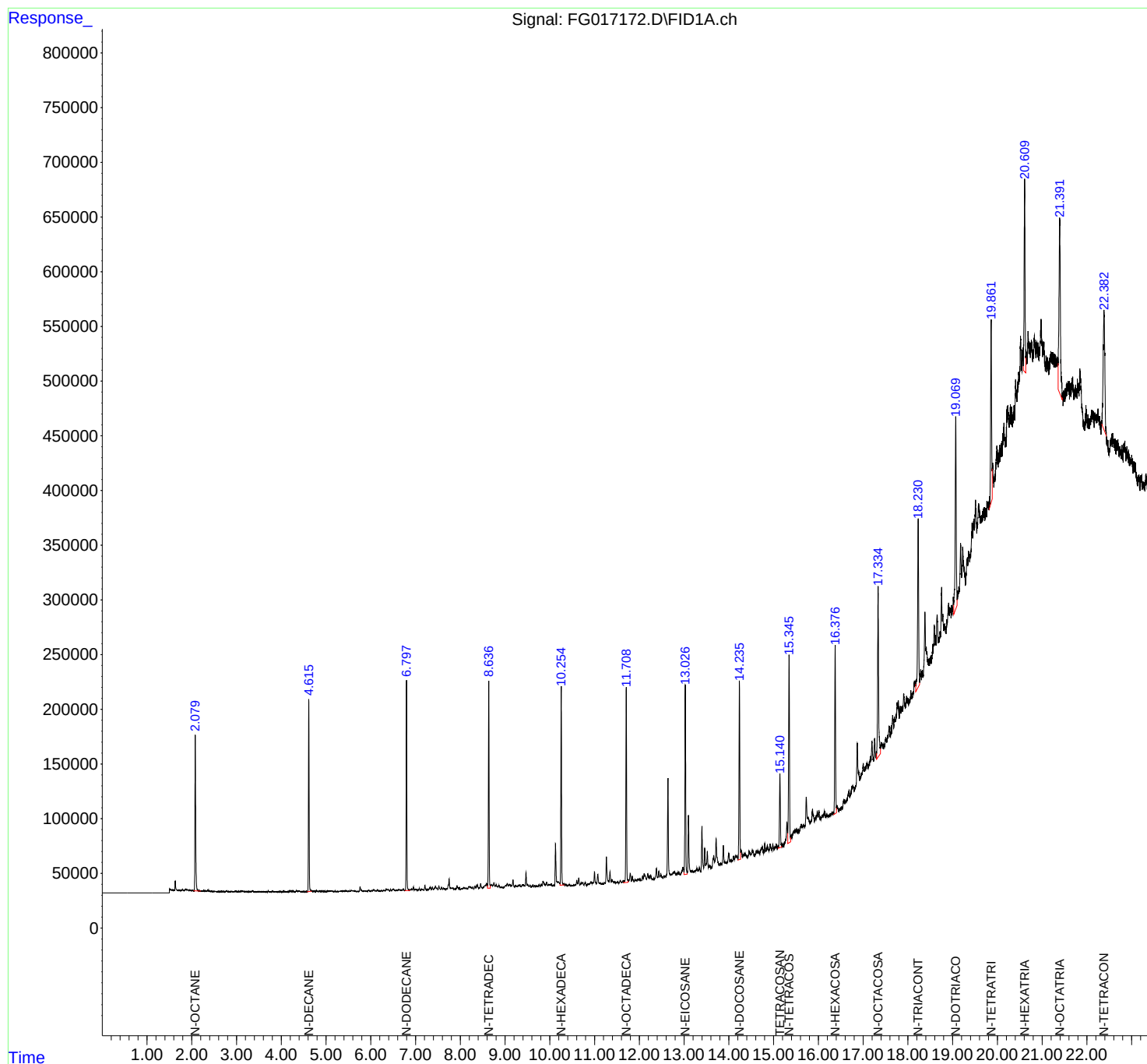
Instrument :
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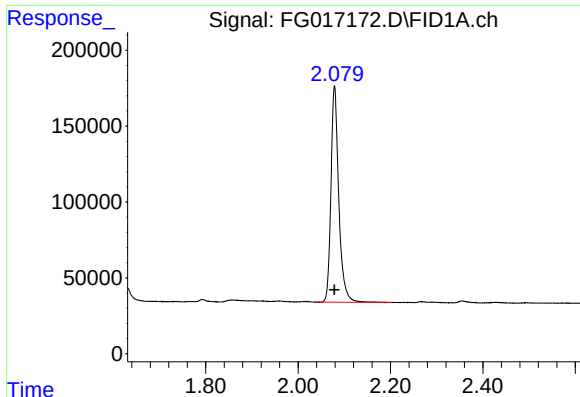
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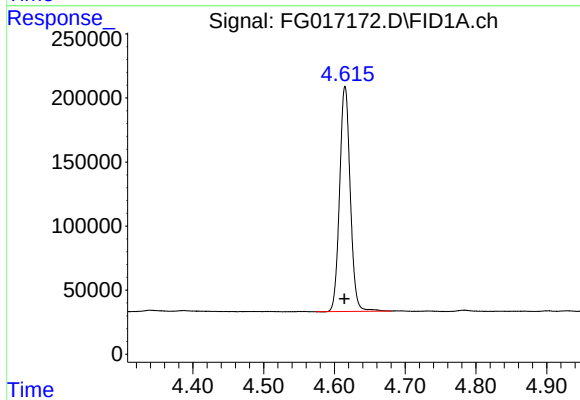
#1 N-OCTANE

R.T.: 2.079 min
Delta R.T.: 0.000 min
Response: 1671738
Conc: 13.43 ug/ml

Instrument :
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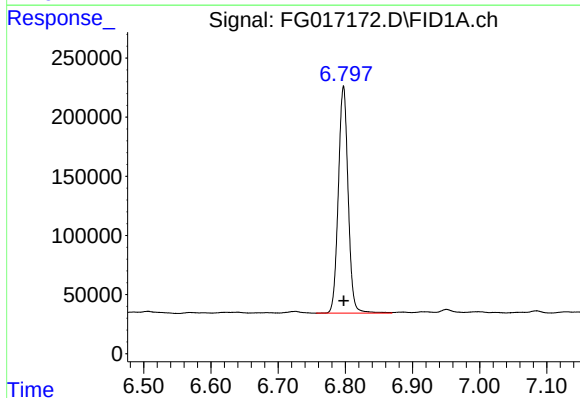
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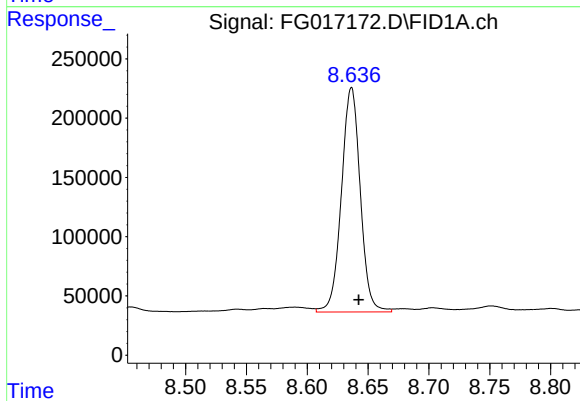
#2 N-DECANE

R.T.: 4.615 min
Delta R.T.: 0.001 min
Response: 1834605
Conc: 15.38 ug/ml



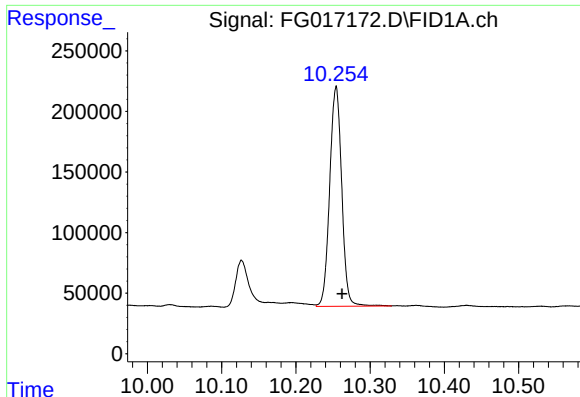
#3 N-DODECANE

R.T.: 6.797 min
Delta R.T.: 0.000 min
Response: 1948912
Conc: 16.32 ug/ml



#4 N-TETRADECANE

R.T.: 8.636 min
Delta R.T.: -0.006 min
Response: 2044129
Conc: 17.66 ug/ml



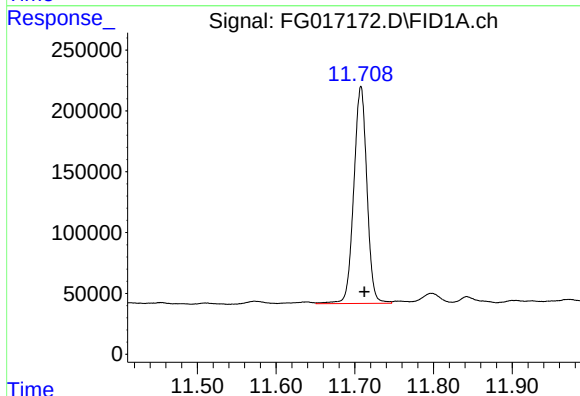
#5 N-HEXADECANE

R.T.: 10.254 min
Delta R.T.: -0.008 min
Response: 2039177
Conc: 17.82 ug/ml

Instrument :
FID_G
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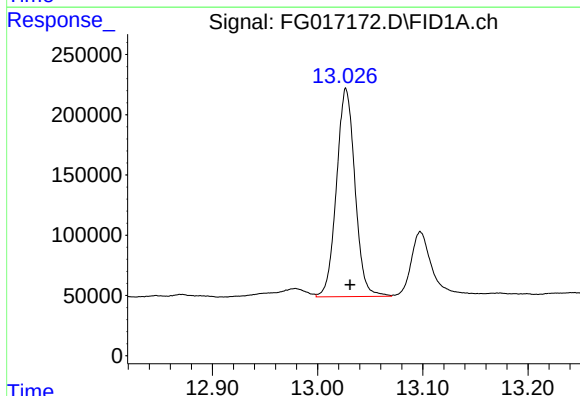
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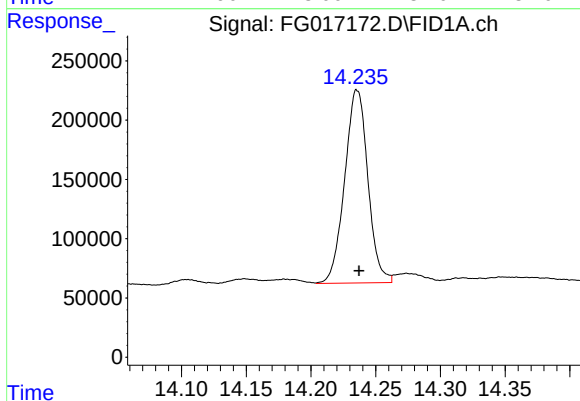
#6 N-OCTADECANE

R.T.: 11.708 min
Delta R.T.: -0.004 min
Response: 2073558
Conc: 17.29 ug/ml



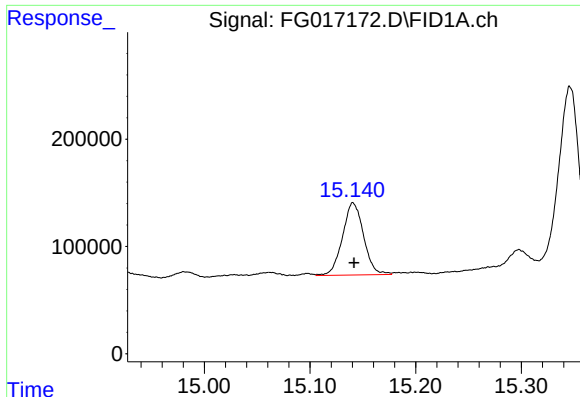
#7 N-EICOSANE

R.T.: 13.027 min
Delta R.T.: -0.004 min
Response: 2112554
Conc: 16.99 ug/ml



#8 N-DOCOSANE

R.T.: 14.236 min
Delta R.T.: -0.001 min
Response: 2036254
Conc: 17.05 ug/ml



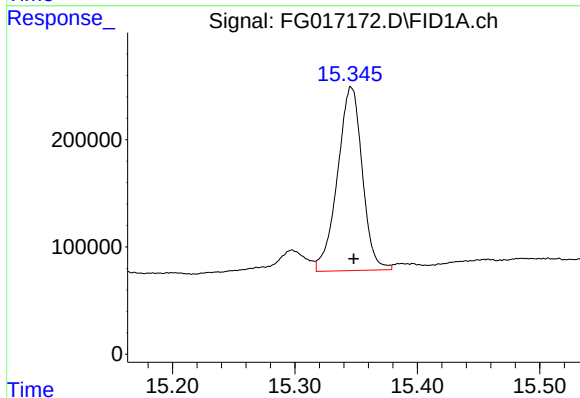
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.141 min
Delta R.T.: -0.001 min
Response: 933050
Conc: 8.97 ug/ml

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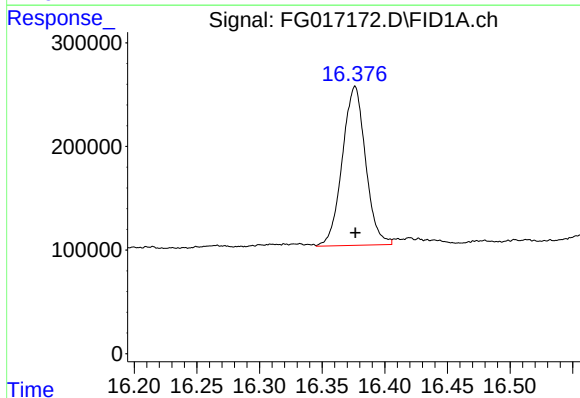
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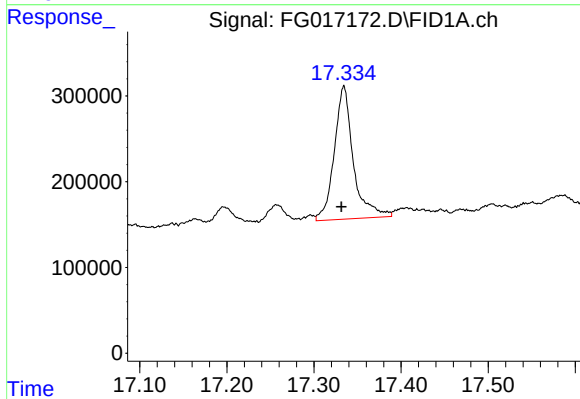
#10 N-TETRACOSANE

R.T.: 15.346 min
Delta R.T.: -0.002 min
Response: 2403749
Conc: 20.46 ug/ml



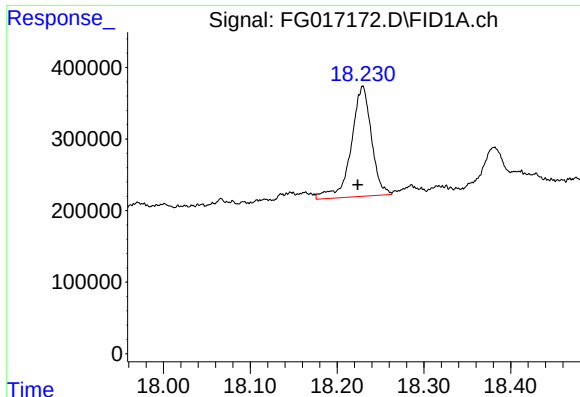
#11 N-HEXACOSANE

R.T.: 16.376 min
Delta R.T.: 0.000 min
Response: 1980223
Conc: 17.63 ug/ml



#12 N-OCTACOSANE

R.T.: 17.334 min
Delta R.T.: 0.003 min
Response: 2356227
Conc: 20.88 ug/ml



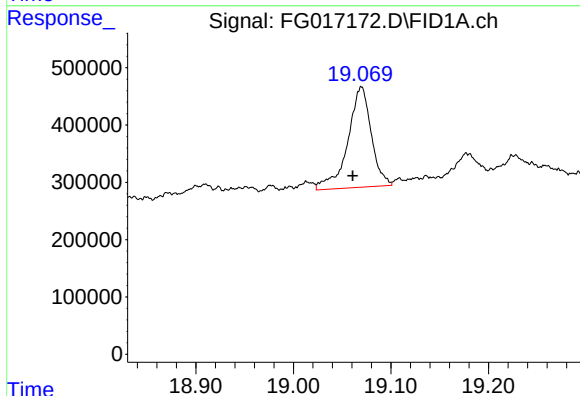
#13 N-TRIACONTANE

R.T.: 18.230 min
Delta R.T.: 0.006 min
Response: 2485002
Conc: 22.20 ug/ml

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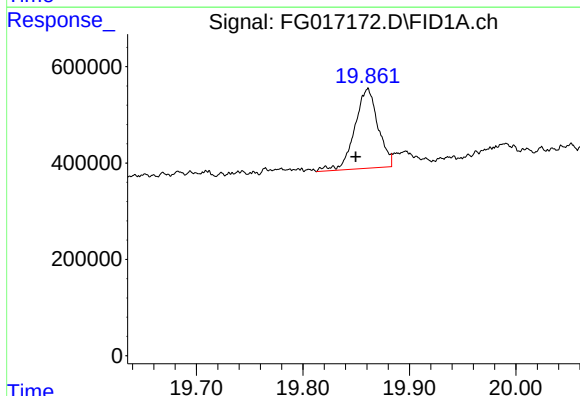
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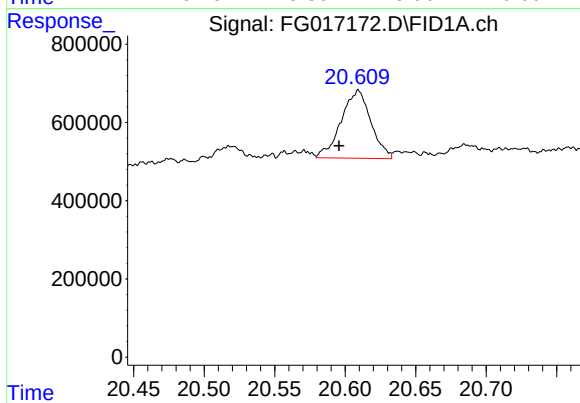
#14 N-DOTRIACONTANE

R.T.: 19.070 min
Delta R.T.: 0.009 min
Response: 2919839
Conc: 27.01 ug/ml



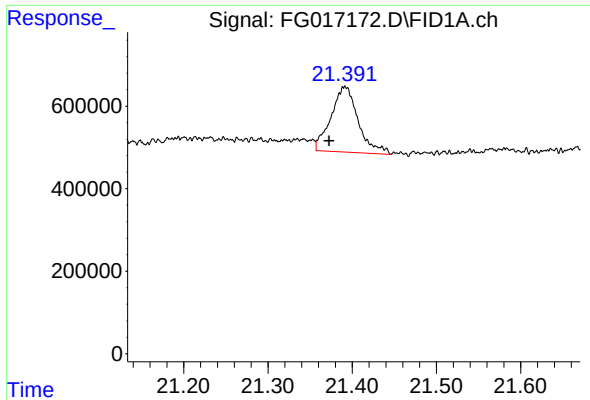
#15 N-TETRATRIACONTANE

R.T.: 19.861 min
Delta R.T.: 0.011 min
Response: 2507325
Conc: 25.01 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.609 min
Delta R.T.: 0.014 min
Response: 2547132
Conc: 29.20 ug/ml



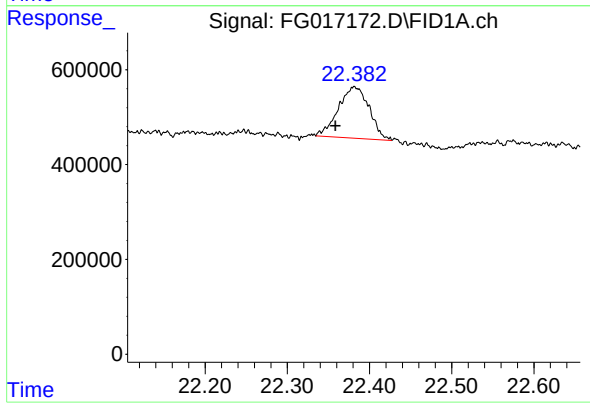
#17 N-OCTATRIACONTANE

R.T.: 21.391 min
Delta R.T.: 0.019 min
Response: 3548782
Conc: 46.54 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.382 min
Delta R.T.: 0.023 min
Response: 2826103
Conc: 45.17 ug/ml m