

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG110223\
 Data File : FG013135.D
 Signal(s) : FID1A.ch
 Acq On : 02 Nov 2023 17:29
 Operator : YP\AJ
 Sample : 05172-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 AU-05-103123MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/03/2023

Integration File: autoint1.e
 Quant Time: Nov 02 23:09:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG101623.M
 Quant Title :
 QLast Update : Mon Oct 16 12:31:23 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...	15.082	1276062	12.181 ug/mlm
Target Compounds			
1) N-OCTANE	2.072	1654135	14.546 ug/ml
2) N-DECANE	4.593	2034076	17.692 ug/ml
3) N-DODECANE	6.768	2145647	18.576 ug/ml
4) N-TETRADECANE	8.602	2289883	20.082 ug/ml
5) N-HEXADECANE	10.216	2817567	24.265 ug/ml
6) N-OCTADECANE	11.664	2930934	25.241 ug/ml
7) N-EICOSANE	12.979	2692345	23.389 ug/ml
8) N-DOCOSANE	14.181	2480125	22.414 ug/ml
10) N-TETRACOSANE	15.287	2468376	22.466 ug/ml
11) N-HEXACOSANE	16.312	2221836	20.646 ug/ml
12) N-OCTACOSANE	17.264	2460967	23.080 ug/ml
13) N-TRIACONTANE	18.154	2377474	22.198 ug/ml
14) N-DOTRIACONTANE	18.989	2403487	22.962 ug/ml
15) N-TETRATRIACONTANE	19.775	2272151	24.963 ug/ml
16) N-HEXATRIACONTANE	20.515	2006396	27.279 ug/mlm
17) N-OCTATRIACONTANE	21.277	1877659	26.529 ug/mlm
18) N-TETRACONTANE	22.235	1866274	25.746 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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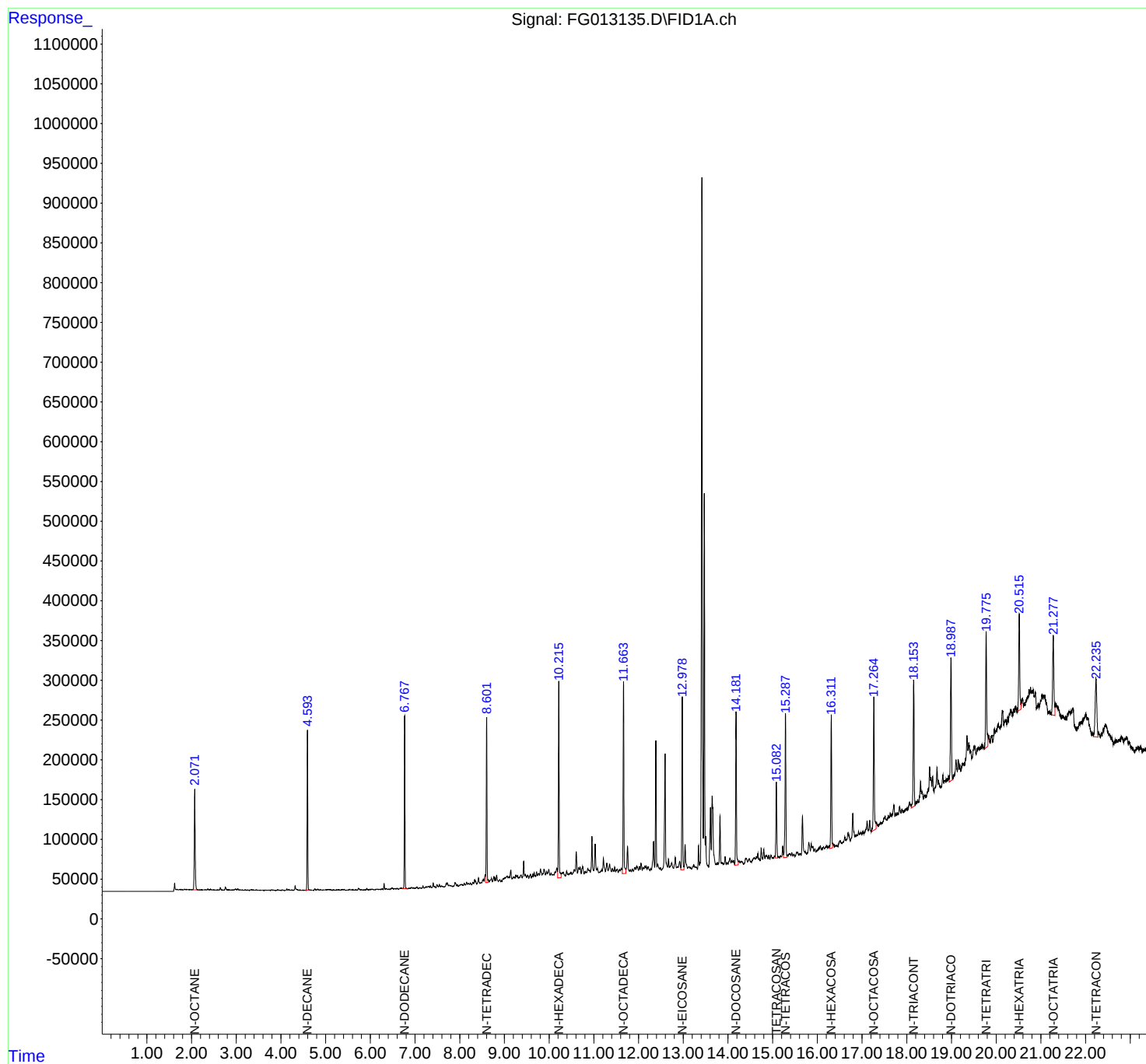
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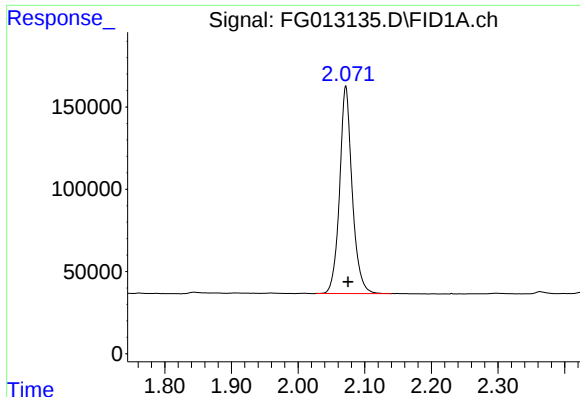
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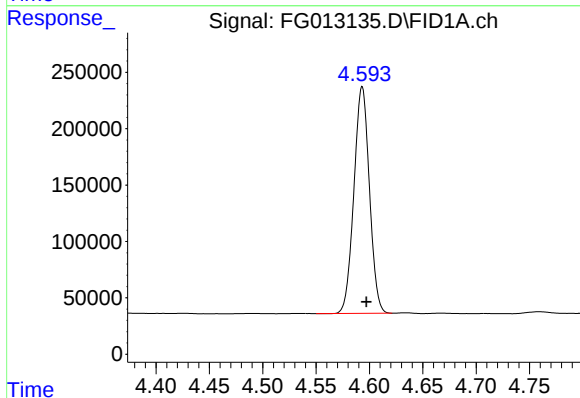
#1 N-OCTANE

R.T.: 2.072 min
Delta R.T.: -0.003 min
Response: 1654135
Conc: 14.55 ug/ml

Instrument :
FID_G
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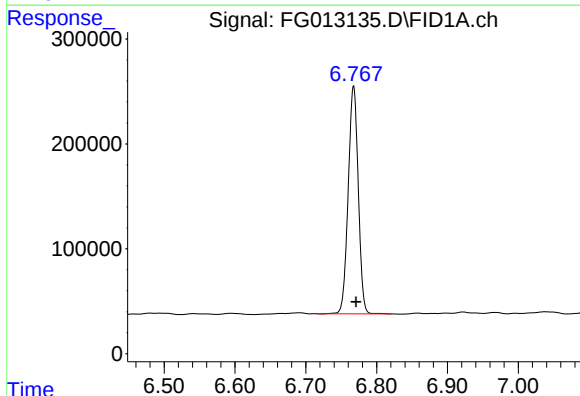
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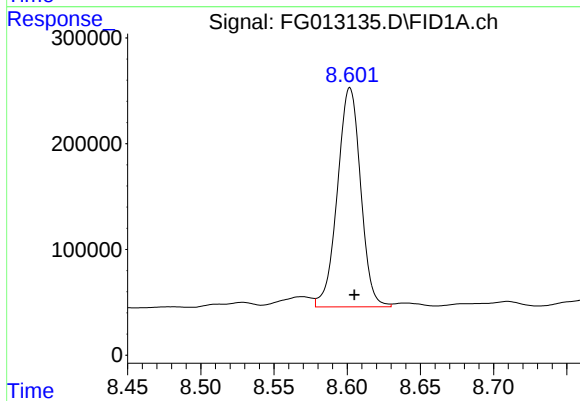
#2 N-DECANE

R.T.: 4.593 min
Delta R.T.: -0.004 min
Response: 2034076
Conc: 17.69 ug/ml



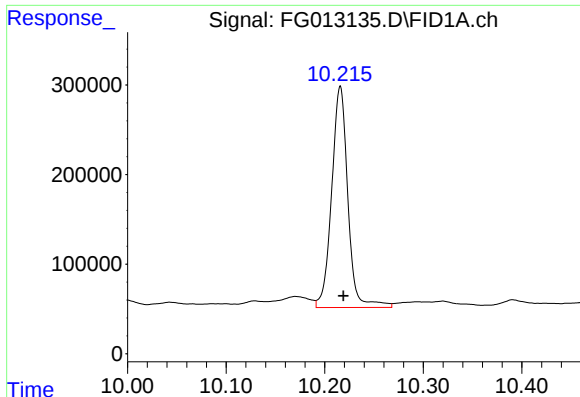
#3 N-DODECANE

R.T.: 6.768 min
Delta R.T.: -0.004 min
Response: 2145647
Conc: 18.58 ug/ml



#4 N-TETRADECANE

R.T.: 8.602 min
Delta R.T.: -0.003 min
Response: 2289883
Conc: 20.08 ug/ml



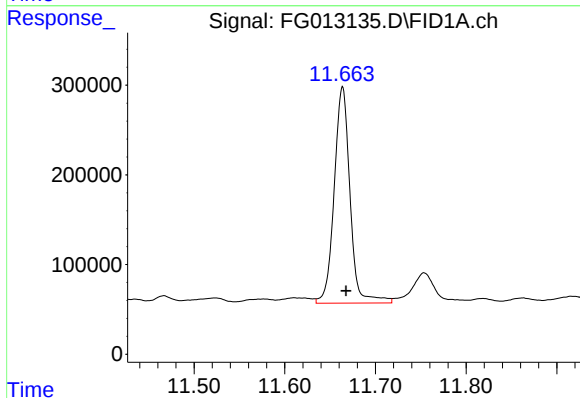
#5 N-HEXADECANE

R.T.: 10.216 min
Delta R.T.: -0.003 min
Response: 2817567
Conc: 24.26 ug/ml

Instrument :
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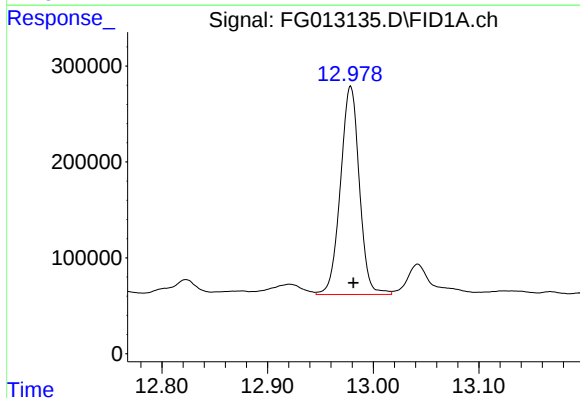
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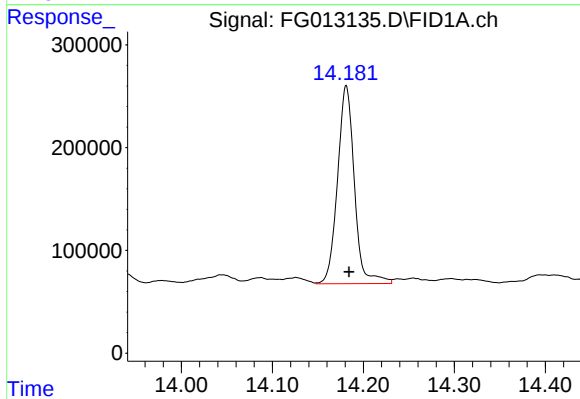
#6 N-OCTADECANE

R.T.: 11.664 min
Delta R.T.: -0.004 min
Response: 2930934
Conc: 25.24 ug/ml



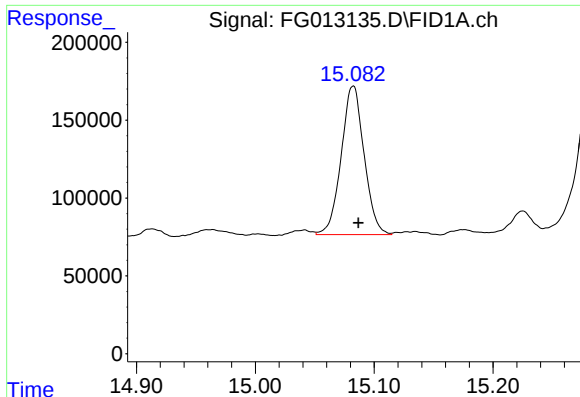
#7 N-EICOSANE

R.T.: 12.979 min
Delta R.T.: -0.003 min
Response: 2692345
Conc: 23.39 ug/ml



#8 N-DOCOSANE

R.T.: 14.181 min
Delta R.T.: -0.003 min
Response: 2480125
Conc: 22.41 ug/ml



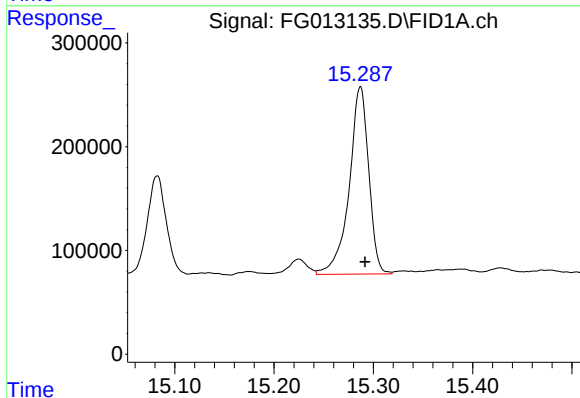
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.082 min
Delta R.T.: -0.004 min
Response: 1276062
Conc: 12.18 ug/ml

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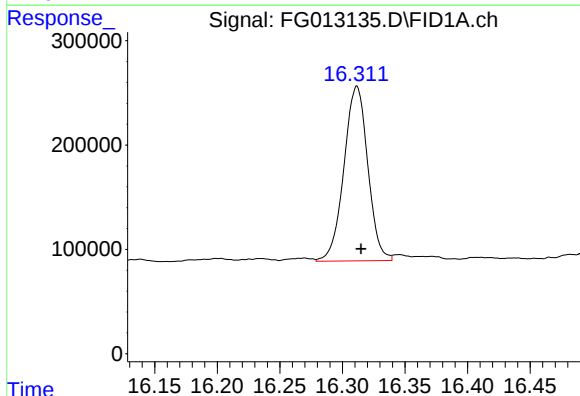
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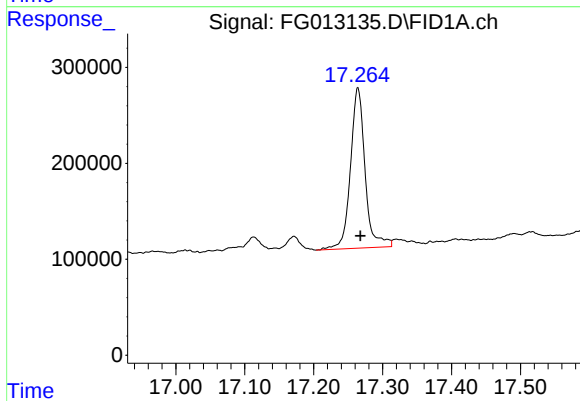
#10 N-TETRACOSANE

R.T.: 15.287 min
Delta R.T.: -0.005 min
Response: 2468376
Conc: 22.47 ug/ml



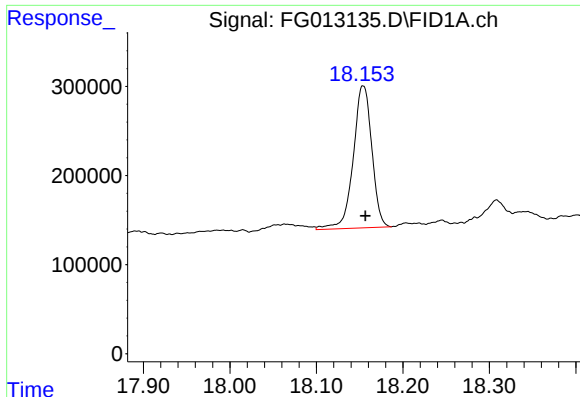
#11 N-HEXACOSANE

R.T.: 16.312 min
Delta R.T.: -0.003 min
Response: 2221836
Conc: 20.65 ug/ml



#12 N-OCTACOSANE

R.T.: 17.264 min
Delta R.T.: -0.003 min
Response: 2460967
Conc: 23.08 ug/ml



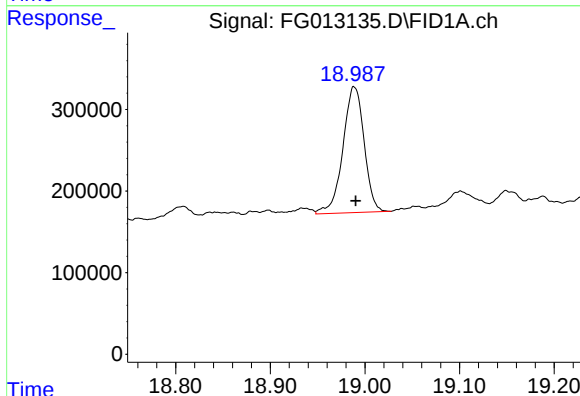
#13 N-TRIACONTANE

R.T.: 18.154 min
Delta R.T.: -0.003 min
Response: 2377474
Conc: 22.20 ug/ml

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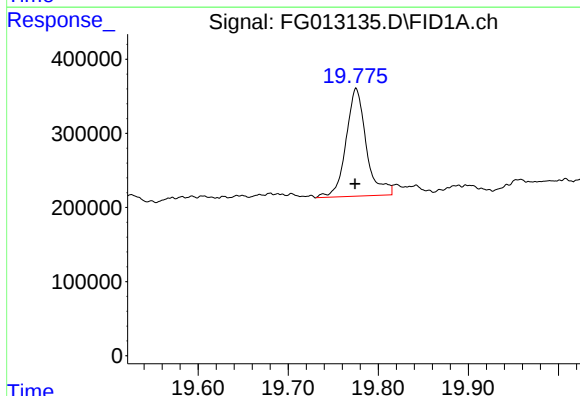
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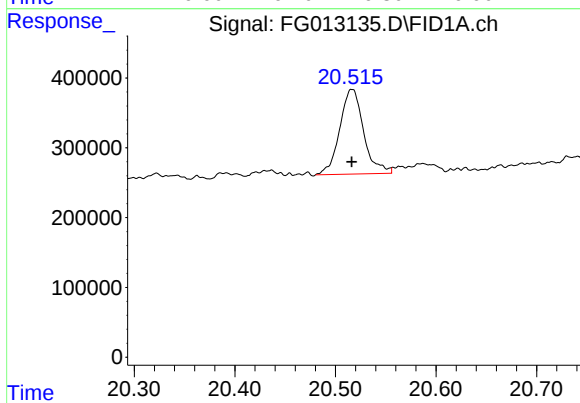
#14 N-DOTRIACONTANE

R.T.: 18.989 min
Delta R.T.: -0.002 min
Response: 2403487
Conc: 22.96 ug/ml



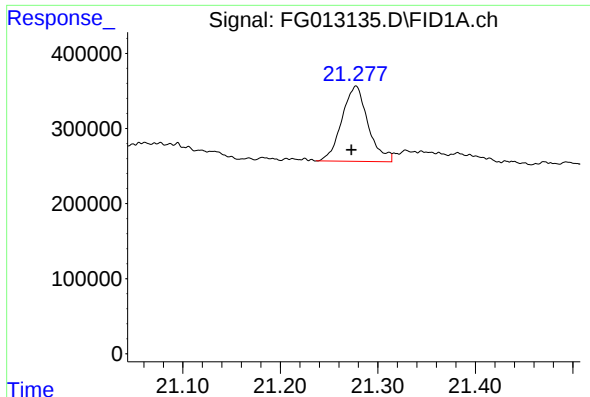
#15 N-TETRATRIACONTANE

R.T.: 19.775 min
Delta R.T.: 0.001 min
Response: 2272151
Conc: 24.96 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.515 min
Delta R.T.: -0.001 min
Response: 2006396
Conc: 27.28 ug/ml m



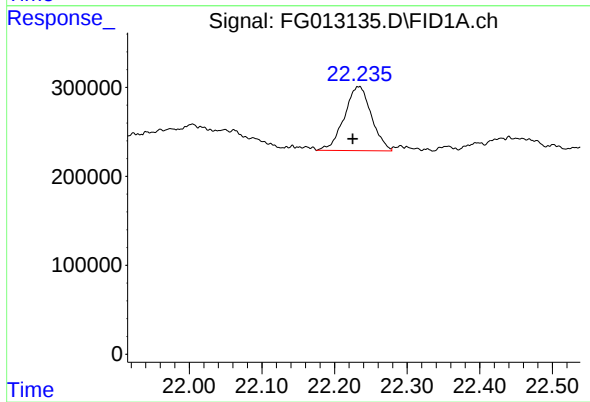
#17 N-OCTATRIACONTANE

R.T.: 21.277 min
Delta R.T.: 0.004 min
Response: 1877659
Conc: 26.53 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.235 min
Delta R.T.: 0.010 min
Response: 1866274
Conc: 25.75 ug/ml m