

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG043024\
 Data File : FG013725.D
 Signal(s) : FID1A.ch
 Acq On : 30 Apr 2024 22:02
 Operator : YP\AJ
 Sample : P2294-06MSD
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 FOOT-PRINT-B-3MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/01/2024
 Supervised By :mohammad ahmed 05/02/2024

Integration File: autoint1.e
 Quant Time: May 01 05:00:50 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG041124.M
 Quant Title :
 QLast Update : Thu Apr 11 13:37:53 2024
 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...	15.072	1604540	13.797 ug/ml
Target Compounds			
1) N-OCTANE	2.060	1797492	14.678 ug/ml
2) N-DECANE	4.583	2211000	17.651 ug/ml
3) N-DODECANE	6.754	2294241	18.058 ug/ml
4) N-TETRADECANE	8.587	2354441	18.334 ug/ml
5) N-HEXADECANE	10.200	2399964	18.541 ug/ml
6) N-OCTADECANE	11.650	2414517	18.226 ug/mlm
7) N-EICOSANE	12.966	2464984	18.296 ug/ml
8) N-DOCOSANE	14.170	2470409	18.845 ug/ml
10) N-TETRACOSANE	15.277	2819098	21.475 ug/ml
11) N-HEXACOSANE	16.303	2382021	18.229 ug/ml
12) N-OCTACOSANE	17.256	2574369	19.971 ug/ml
13) N-TRIACONTANE	18.147	2429673	18.722 ug/ml
14) N-DOTRIACONTANE	18.982	2436682	19.019 ug/mlm
15) N-TETRATRIACONTANE	19.768	2558363	21.371 ug/ml
16) N-HEXATRIACONTANE	20.511	2769312	25.254 ug/ml
17) N-OCTATRIACONTANE	21.269	2875460	28.417 ug/ml
18) N-TETRACONTANE	22.217	3100746	32.139 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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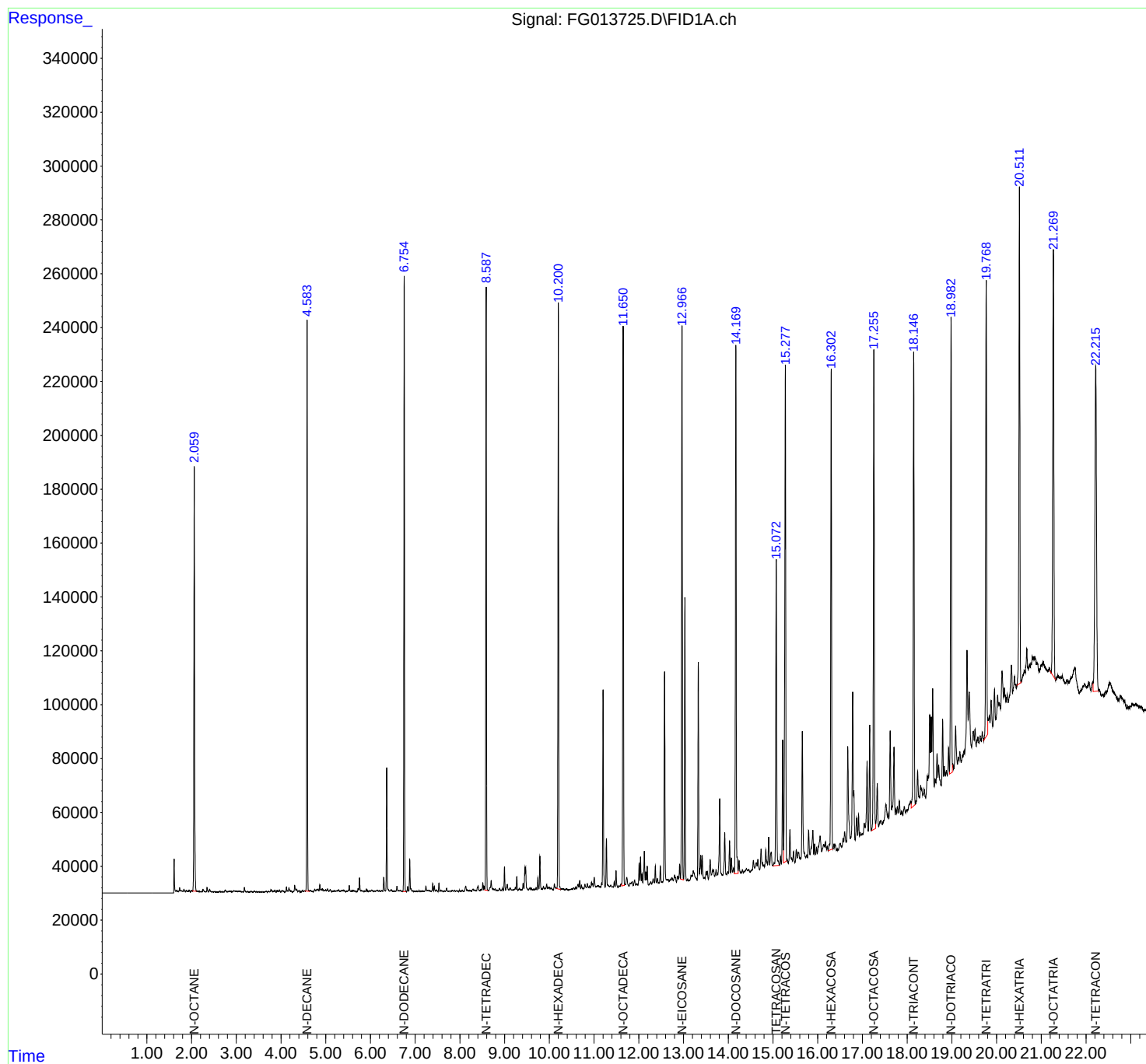
Instrument :
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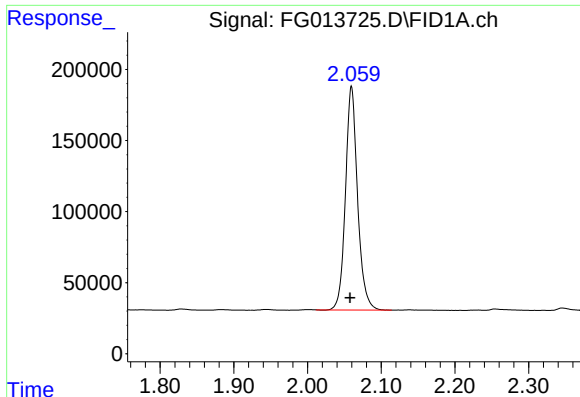
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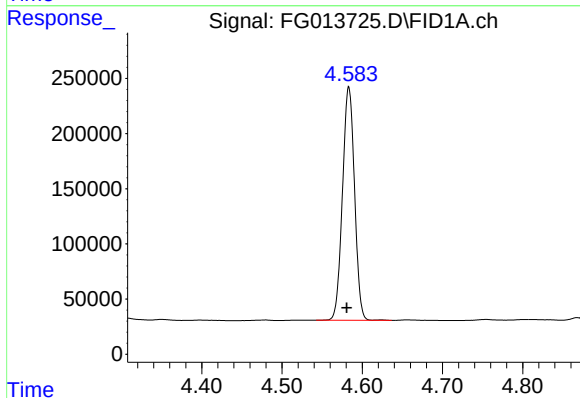
#1 N-OCTANE

R.T.: 2.060 min
Delta R.T.: 0.002 min
Response: 1797492
Conc: 14.68 ug/ml

Instrument :
FID_G
ClientSampleId :
FOOT-PRINT-B-3MSD

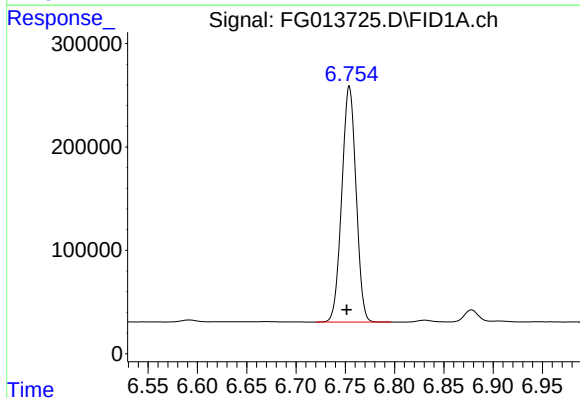
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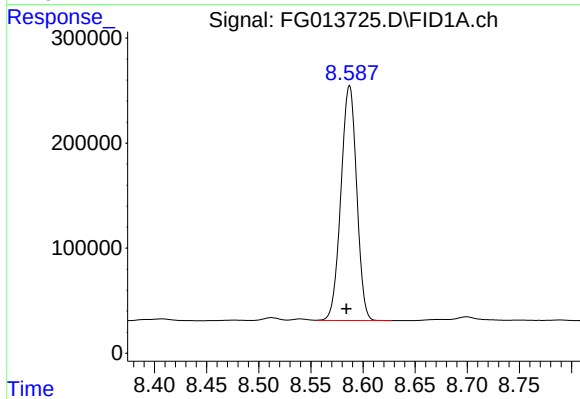
#2 N-DECANE

R.T.: 4.583 min
Delta R.T.: 0.002 min
Response: 2211000
Conc: 17.65 ug/ml



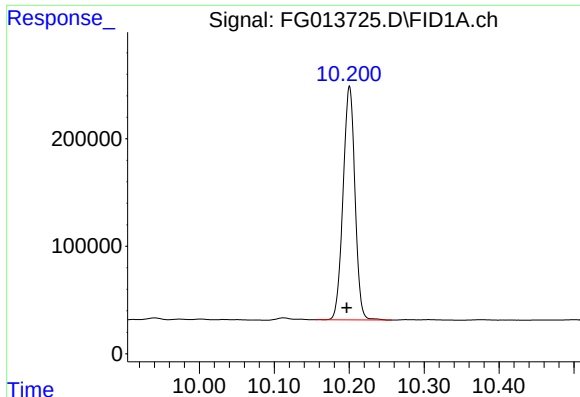
#3 N-DODECANE

R.T.: 6.754 min
Delta R.T.: 0.003 min
Response: 2294241
Conc: 18.06 ug/ml



#4 N-TETRADECANE

R.T.: 8.587 min
Delta R.T.: 0.003 min
Response: 2354441
Conc: 18.33 ug/ml



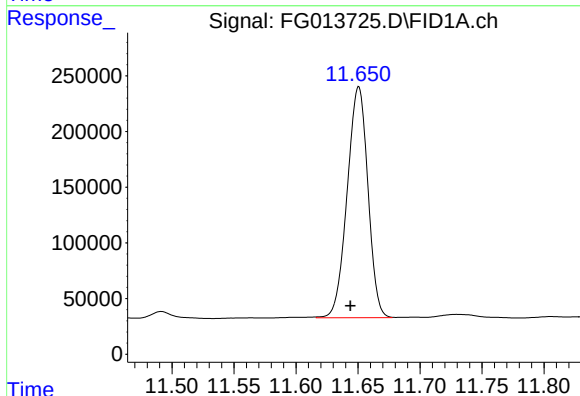
#5 N-HEXADECANE

R.T.: 10.200 min
Delta R.T.: 0.004 min
Response: 2399964
Conc: 18.54 ug/ml

Instrument :
FID_G
ClientSampleId :
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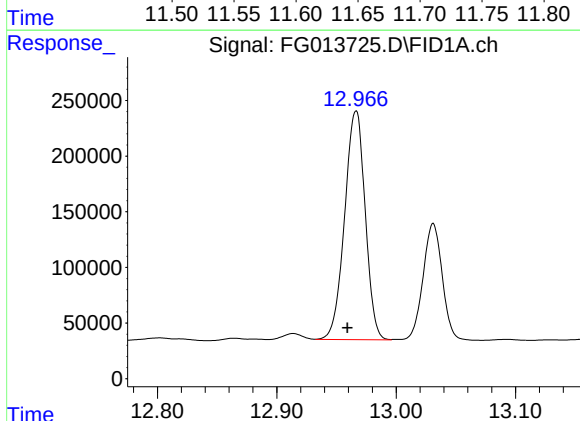
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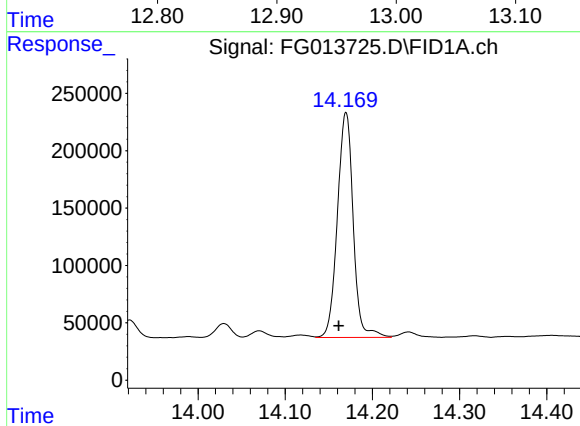
#6 N-OCTADECANE

R.T.: 11.650 min
Delta R.T.: 0.006 min
Response: 2414517
Conc: 18.23 ug/ml m



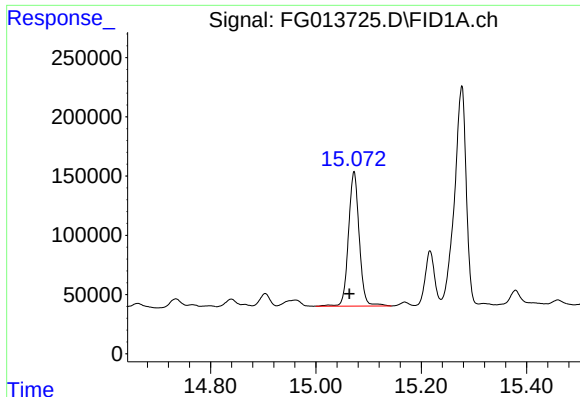
#7 N-EICOSANE

R.T.: 12.966 min
Delta R.T.: 0.007 min
Response: 2464984
Conc: 18.30 ug/ml



#8 N-DOCOSANE

R.T.: 14.170 min
Delta R.T.: 0.008 min
Response: 2470409
Conc: 18.85 ug/ml



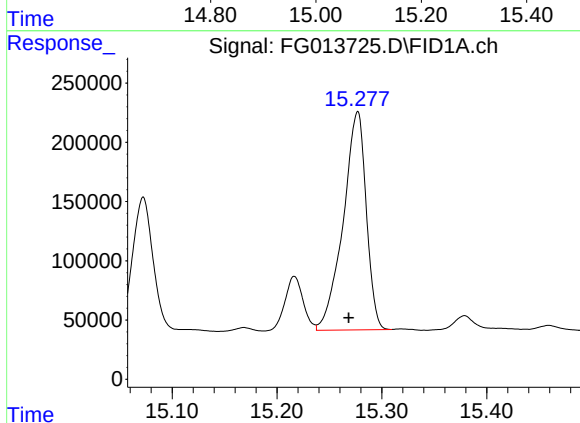
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.072 min
Delta R.T.: 0.009 min
Response: 1604540
Conc: 13.80 ug/ml

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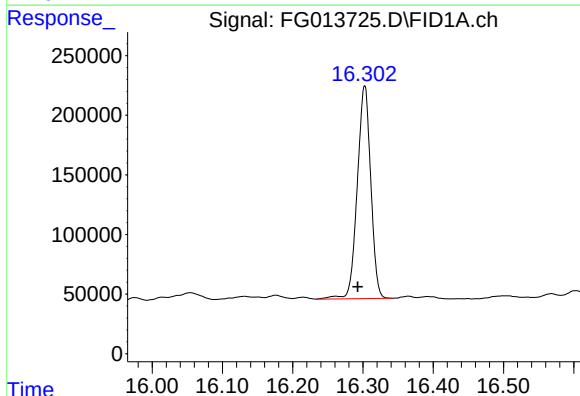
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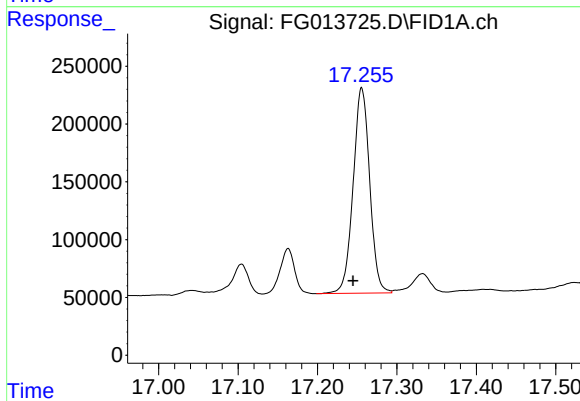
#10 N-TETRACOSANE

R.T.: 15.277 min
Delta R.T.: 0.009 min
Response: 2819098
Conc: 21.48 ug/ml



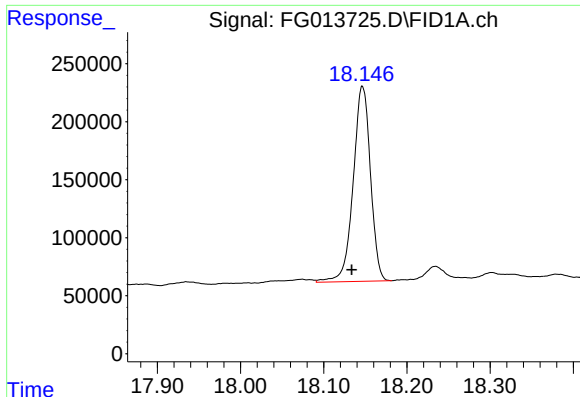
#11 N-HEXACOSANE

R.T.: 16.303 min
Delta R.T.: 0.010 min
Response: 2382021
Conc: 18.23 ug/ml



#12 N-OCTACOSANE

R.T.: 17.256 min
Delta R.T.: 0.011 min
Response: 2574369
Conc: 19.97 ug/ml



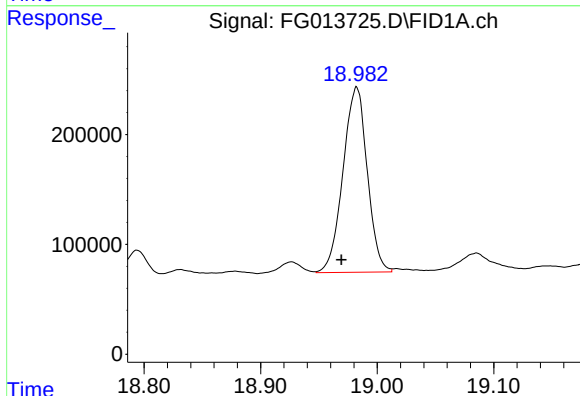
#13 N-TRIACONTANE

R.T.: 18.147 min
Delta R.T.: 0.013 min
Response: 2429673
Conc: 18.72 ug/ml

Instrument :
FID_G
ClientSampleId :
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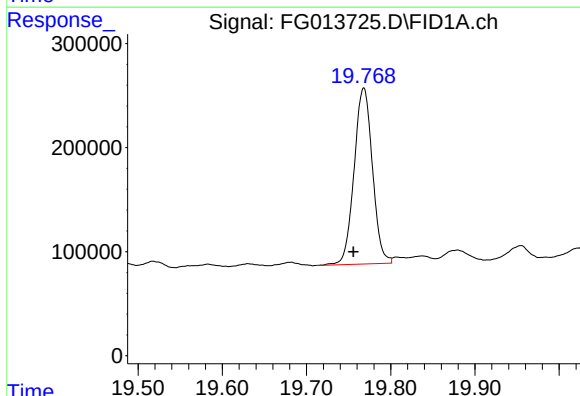
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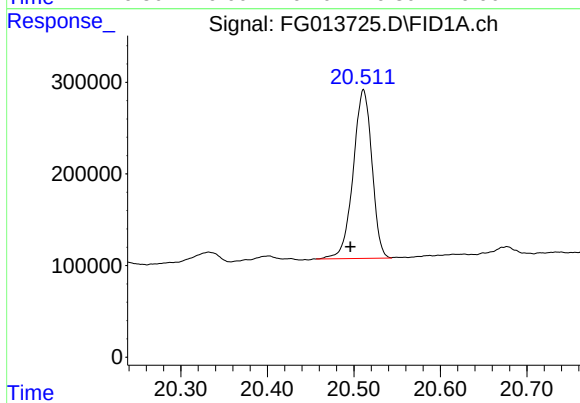
#14 N-DOTRIACONTANE

R.T.: 18.982 min
Delta R.T.: 0.012 min
Response: 2436682
Conc: 19.02 ug/ml m



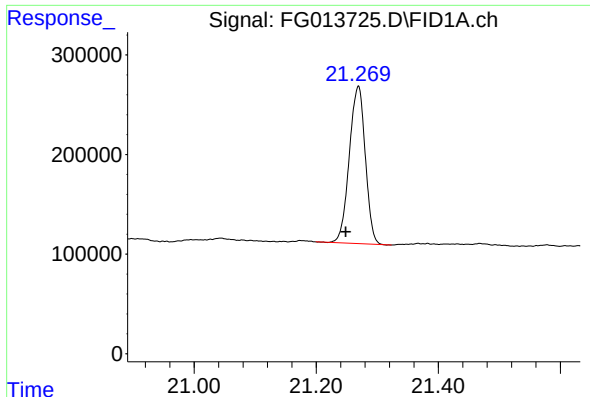
#15 N-TETRATRIACONTANE

R.T.: 19.768 min
Delta R.T.: 0.012 min
Response: 2558363
Conc: 21.37 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.511 min
Delta R.T.: 0.015 min
Response: 2769312
Conc: 25.25 ug/ml



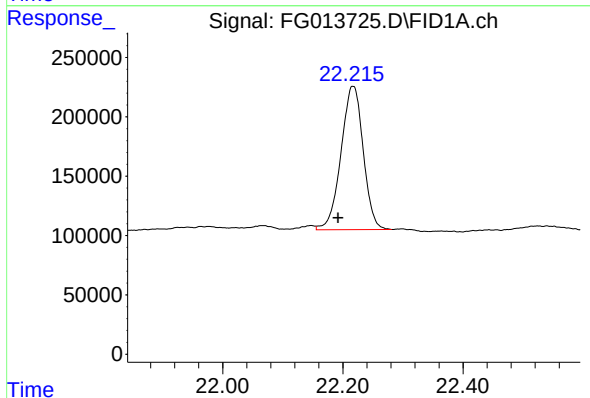
#17 N-OCTATRIACONTANE

R.T.: 21.269 min
Delta R.T.: 0.021 min
Response: 2875460
Conc: 28.42 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.217 min
Delta R.T.: 0.025 min
Response: 3100746
Conc: 32.14 ug/ml