

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG020224\
 Data File : FG013438.D
 Signal(s) : FID1A.ch
 Acq On : 02 Feb 2024 20:12
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 02/05/2024
 Supervised By :Sohil Jodhani 02/05/2024

Integration File: autoint1.e
 Quant Time: Feb 05 05:05:31 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG020124.M
 Quant Title :
 QLast Update : Thu Feb 01 14:07:32 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...	15.074	5840092	52.164 ug/ml
Target Compounds			
1) N-OCTANE	2.059	6132434	51.779 ug/ml
2) N-DECANE	4.586	6273739	52.739 ug/ml
3) N-DODECANE	6.758	6524544	52.923 ug/ml
4) N-TETRADECANE	8.591	6386216	52.852 ug/ml
5) N-HEXADECANE	10.204	6534509	52.823 ug/ml
6) N-OCTADECANE	11.653	6754007	52.640 ug/ml
7) N-EICOSANE	12.968	6596911	52.458 ug/ml
8) N-DOCOSANE	14.171	6480456	52.367 ug/ml
10) N-TETRACOSANE	15.279	6396867	52.343 ug/ml
11) N-HEXACOSANE	16.304	6217693	52.343 ug/ml
12) N-OCTACOSANE	17.258	6074024	52.770 ug/ml
13) N-TRIACONTANE	18.149	5913541	52.981 ug/ml
14) N-DOTRIACONTANE	18.985	5582381	53.434 ug/mlm
15) N-TETRATRIACONTANE	19.770	4536886	54.456 ug/ml
16) N-HEXATRIACONTANE	20.511	3657518	58.068 ug/ml
17) N-OCTATRIACONTANE	21.266	3042899	55.486 ug/ml
18) N-TETRACONTANE	22.212	3144043	60.027 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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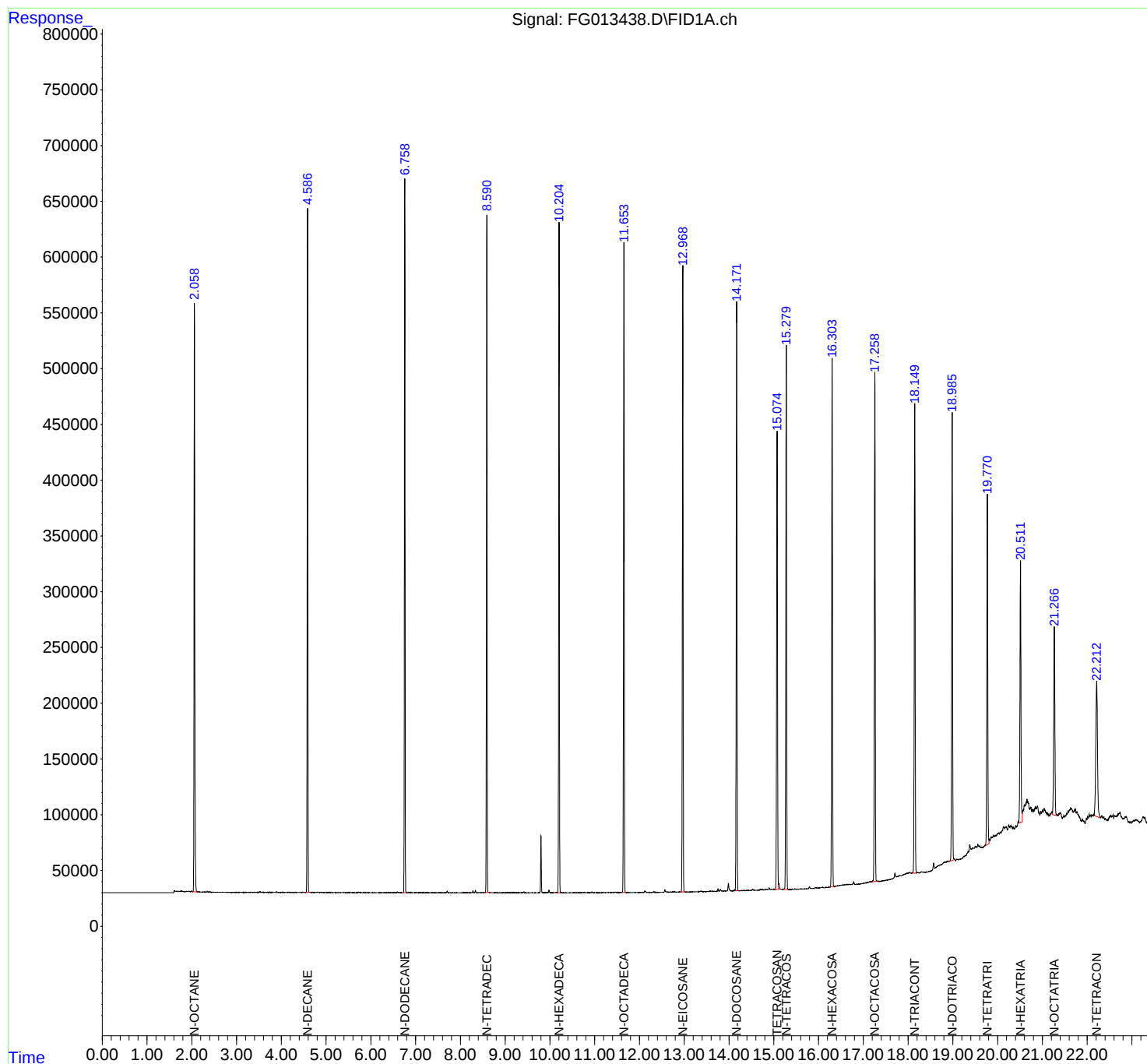
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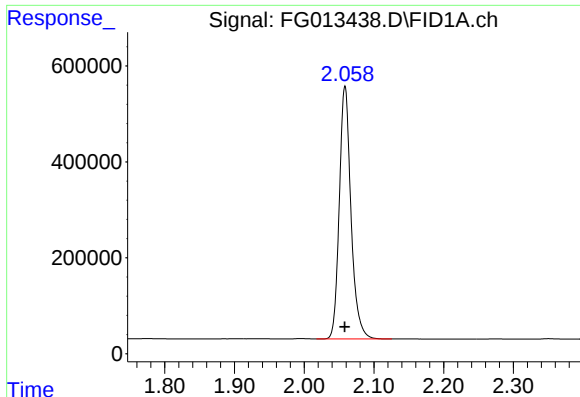
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 2.059 min
Delta R.T.: 0.000 min
Response: 6132434
Conc: 51.78 ug/ml

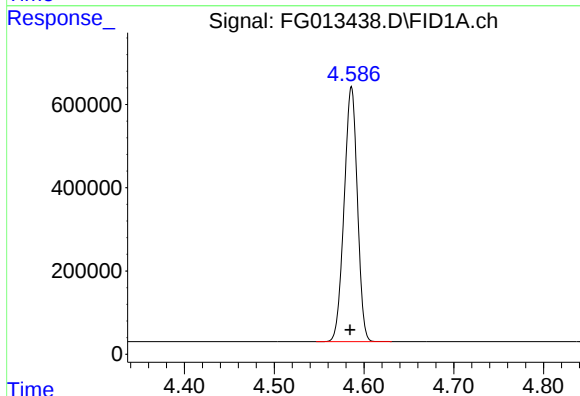
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

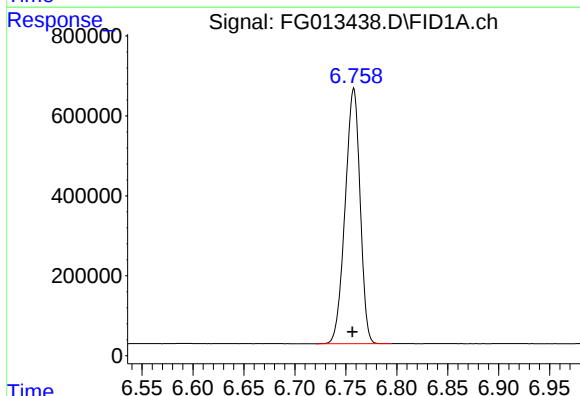
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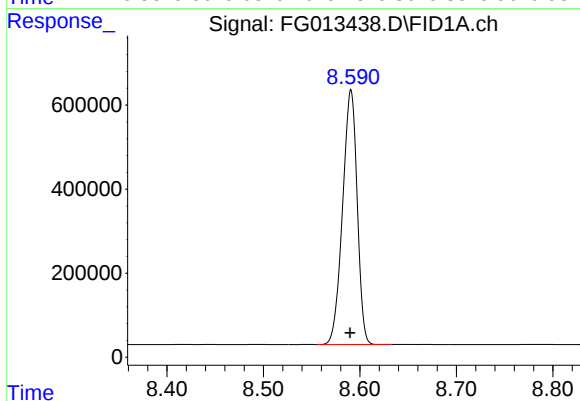
#2 N-DECANE

R.T.: 4.586 min
Delta R.T.: 0.001 min
Response: 6273739
Conc: 52.74 ug/ml



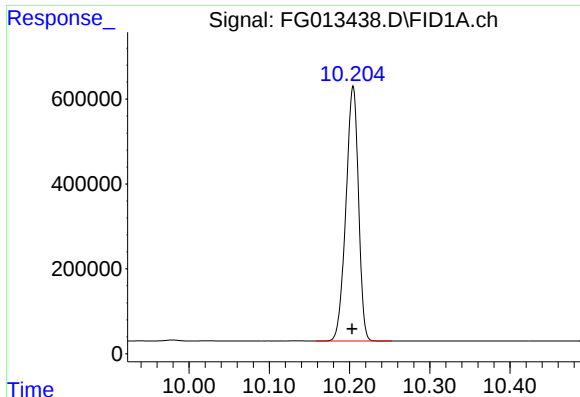
#3 N-DODECANE

R.T.: 6.758 min
Delta R.T.: 0.001 min
Response: 6524544
Conc: 52.92 ug/ml



#4 N-TETRADECANE

R.T.: 8.591 min
Delta R.T.: 0.000 min
Response: 6386216
Conc: 52.85 ug/ml



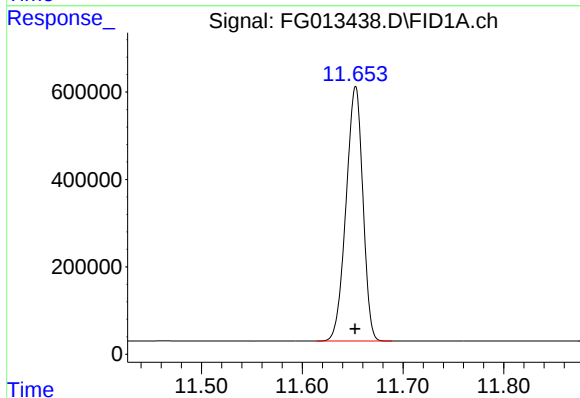
#5 N-HEXADECANE

R.T.: 10.204 min
Delta R.T.: 0.001 min
Response: 6534509
Conc: 52.82 ug/ml

Instrument :
FID_G
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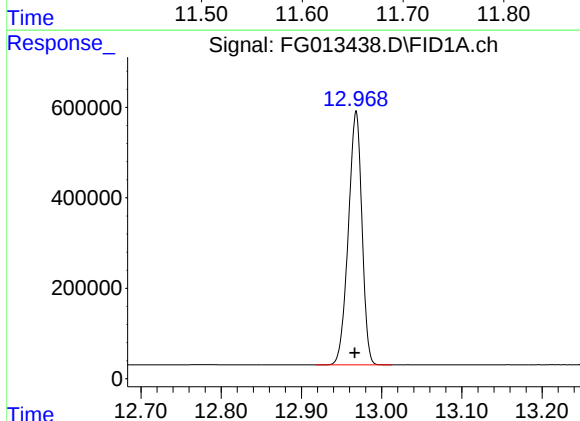
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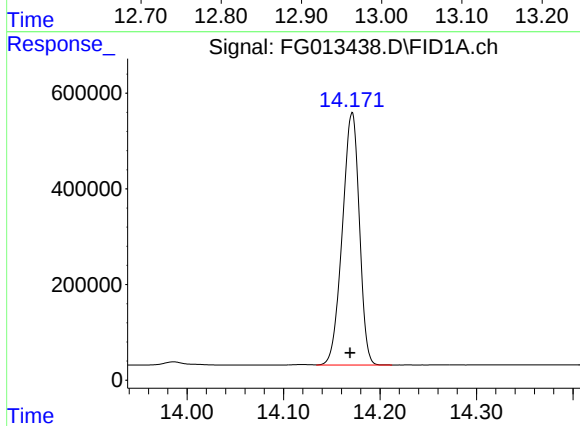
#6 N-OCTADECANE

R.T.: 11.653 min
Delta R.T.: 0.000 min
Response: 6754007
Conc: 52.64 ug/ml



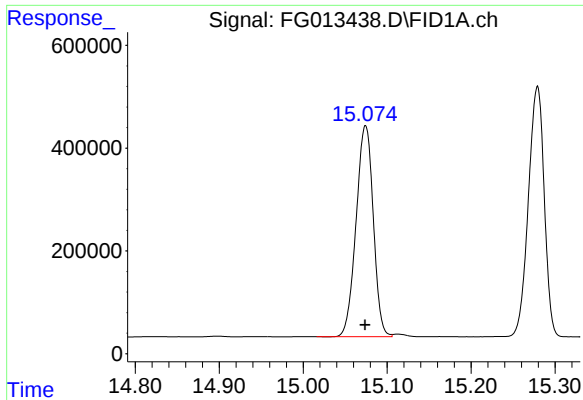
#7 N-EICOSANE

R.T.: 12.968 min
Delta R.T.: 0.002 min
Response: 6596911
Conc: 52.46 ug/ml



#8 N-DOCOSANE

R.T.: 14.171 min
Delta R.T.: 0.002 min
Response: 6480456
Conc: 52.37 ug/ml



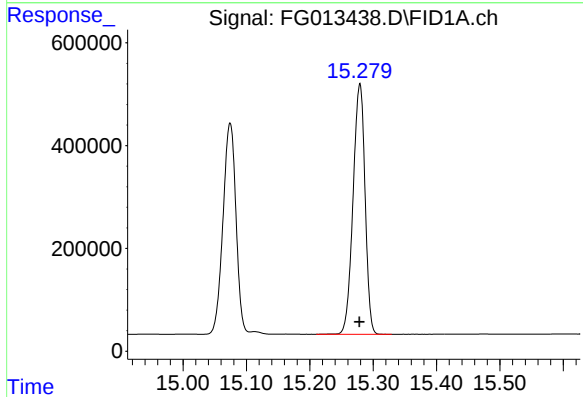
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.074 min
Delta R.T.: 0.000 min
Response: 5840092
Conc: 52.16 ug/ml

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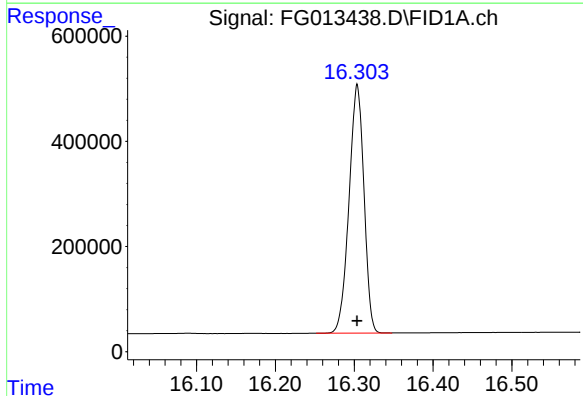
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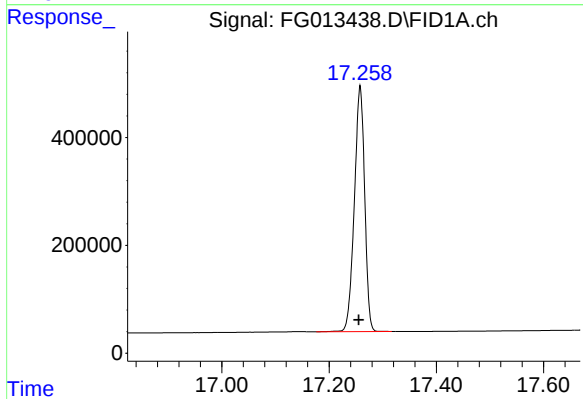
#10 N-TETRACOSANE

R.T.: 15.279 min
Delta R.T.: 0.001 min
Response: 6396867
Conc: 52.34 ug/ml



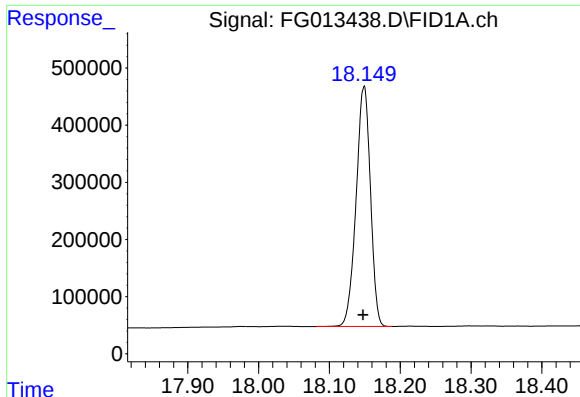
#11 N-HEXACOSANE

R.T.: 16.304 min
Delta R.T.: 0.000 min
Response: 6217693
Conc: 52.34 ug/ml



#12 N-OCTACOSANE

R.T.: 17.258 min
Delta R.T.: 0.003 min
Response: 6074024
Conc: 52.77 ug/ml



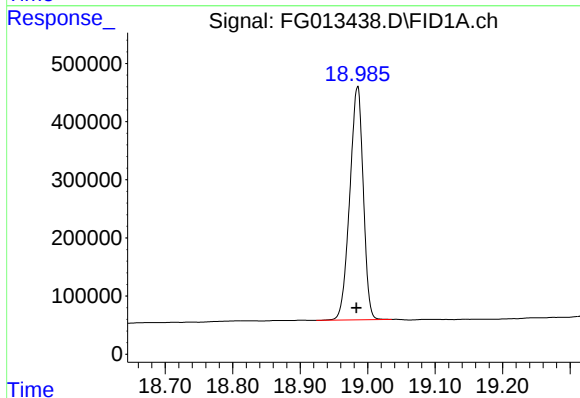
#13 N-TRIACONTANE

R.T.: 18.149 min
Delta R.T.: 0.002 min
Response: 5913541
Conc: 52.98 ug/ml

Instrument :
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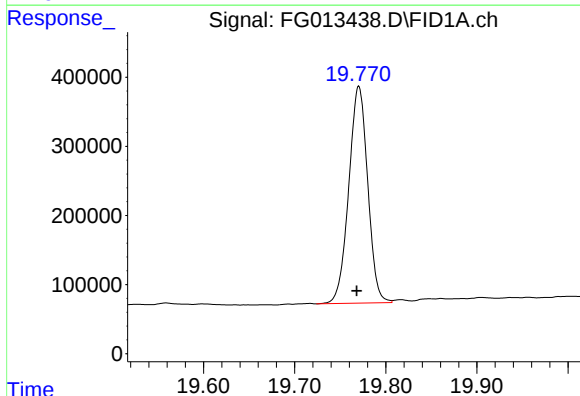
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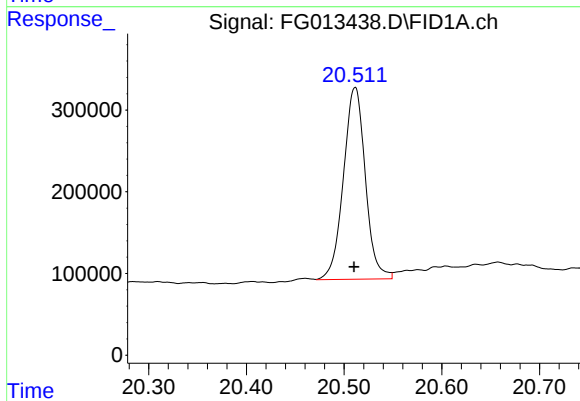
#14 N-DOTRIACONTANE

R.T.: 18.985 min
Delta R.T.: 0.002 min
Response: 5582381
Conc: 53.43 ug/ml m



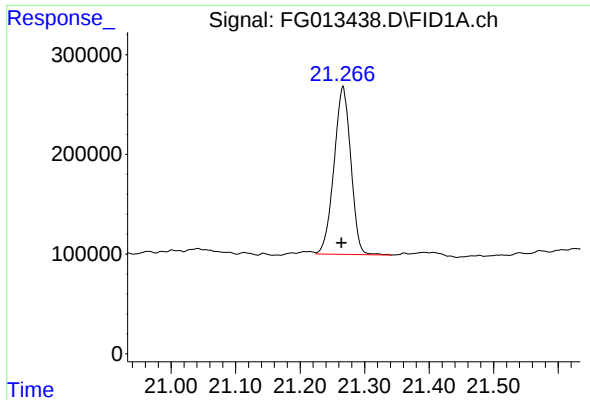
#15 N-TETRATRIACONTANE

R.T.: 19.770 min
Delta R.T.: 0.002 min
Response: 4536886
Conc: 54.46 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.511 min
Delta R.T.: 0.001 min
Response: 3657518
Conc: 58.07 ug/ml



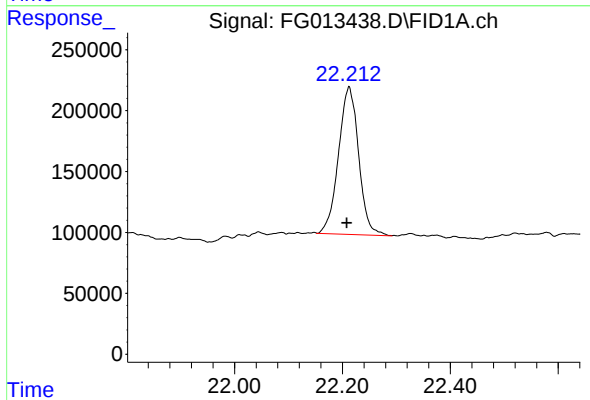
#17 N-OCTATRIACONTANE

R.T.: 21.266 min
Delta R.T.: 0.002 min
Response: 3042899
Conc: 55.49 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.212 min
Delta R.T.: 0.004 min
Response: 3144043
Conc: 60.03 ug/ml m