

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042524\
 Data File : FG013692.D
 Signal(s) : FID1A.ch
 Acq On : 25 Apr 2024 14:12
 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 :Yogesh Patel 04/26/2024
 Supervised By :Ankita Jodhani 04/26/2024

Integration File: autoint1.e
 Quant Time: Apr 26 05:12:02 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...	15.077	6215419	53.446 ug/ml
Target Compounds			
1) N-OCTANE	2.058	3594589	29.353 ug/ml
2) N-DECANE	4.586	6400396	51.095 ug/ml
3) N-DODECANE	6.760	6833368	53.785 ug/ml
4) N-TETRADECANE	8.594	6717670	52.309 ug/ml
5) N-HEXADECANE	10.207	6865915	53.042 ug/ml
6) N-OCTADECANE	11.656	7109367	53.666 ug/ml
7) N-EICOSANE	12.972	6960103	51.661 ug/ml
8) N-DOCOSANE	14.174	6878155	52.470 ug/ml
10) N-TETRACOSANE	15.282	6851136	52.190 ug/ml
11) N-HEXACOSANE	16.306	6716769	51.403 ug/ml
12) N-OCTACOSANE	17.260	6681276	51.830 ug/mlm
13) N-TRIACONTANE	18.150	6811766	52.489 ug/mlm
14) N-DOTRIACONTANE	18.985	6571917	51.295 ug/ml
15) N-TETRATRIACONTANE	19.770	5118976	42.762 ug/mlm
16) N-HEXATRIACONTANE	20.511	3935481	35.888 ug/ml
17) N-OCTATRIACONTANE	21.266	3072427	30.364 ug/ml
18) N-TETRACONTANE	22.214	3651382	37.847 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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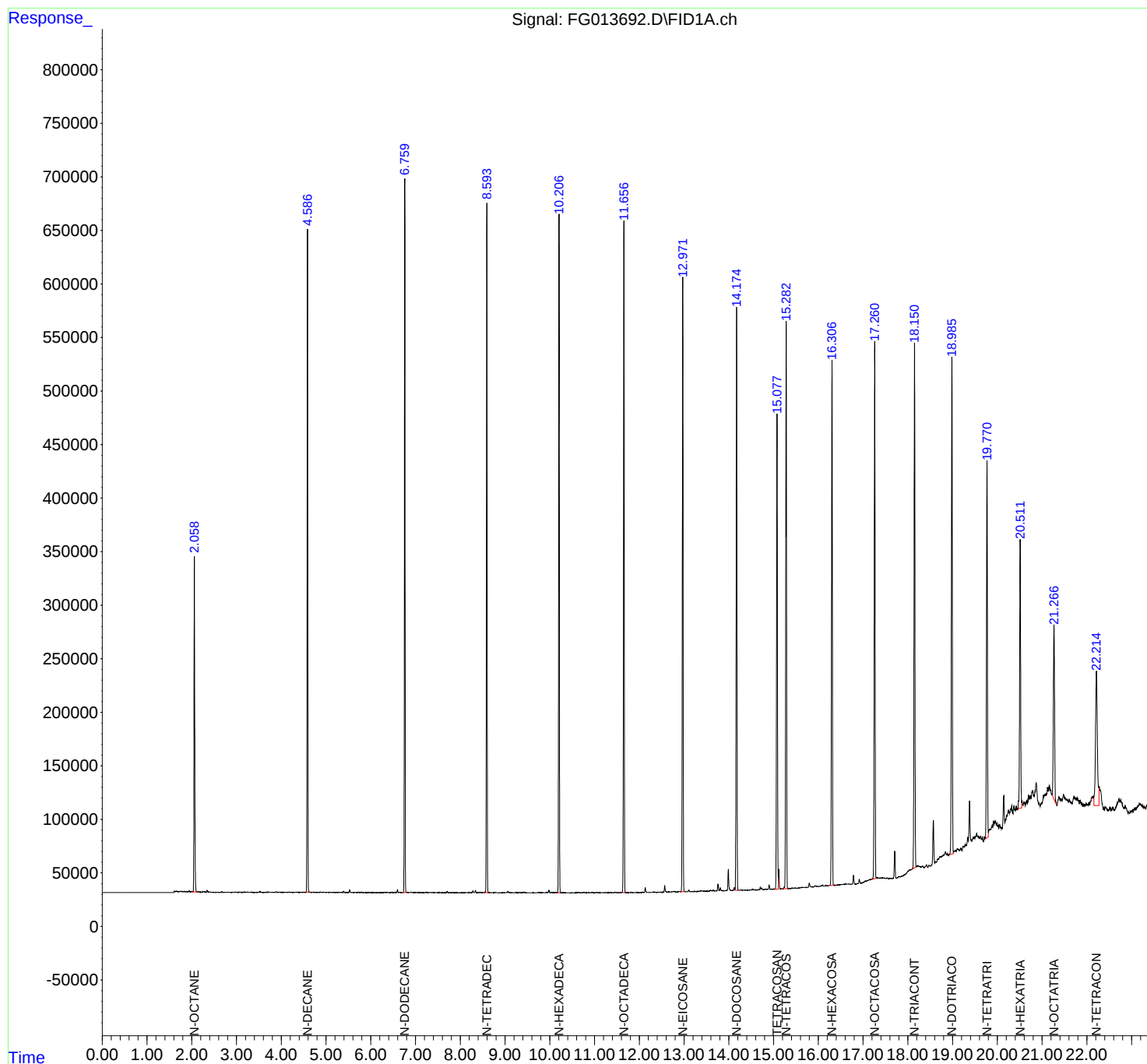
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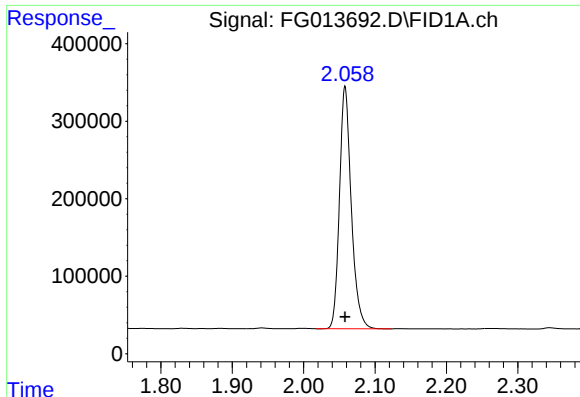
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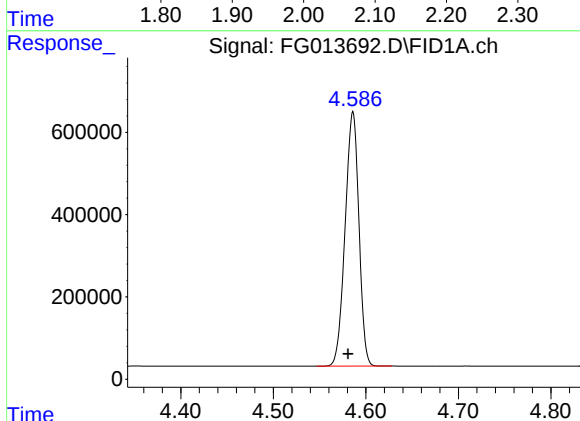
#1 N-OCTANE

R.T.: 2.058 min
Delta R.T.: 0.000 min
Response: 3594589
Conc: 29.35 ug/ml

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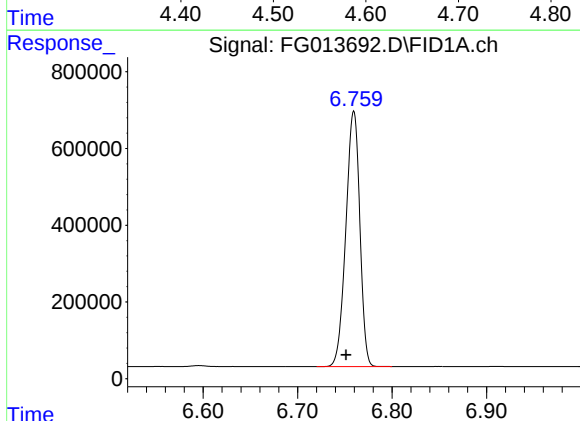
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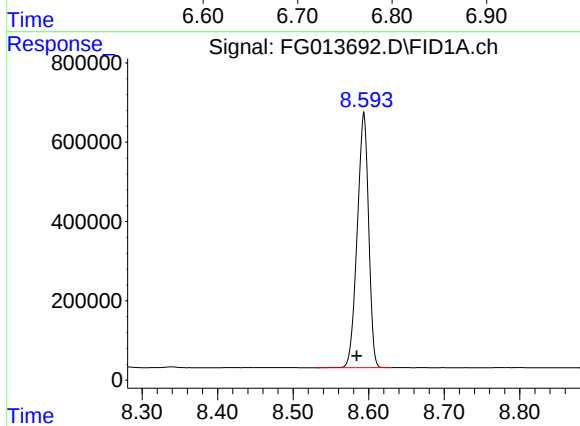
#2 N-DECANE

R.T.: 4.586 min
Delta R.T.: 0.005 min
Response: 6400396
Conc: 51.09 ug/ml



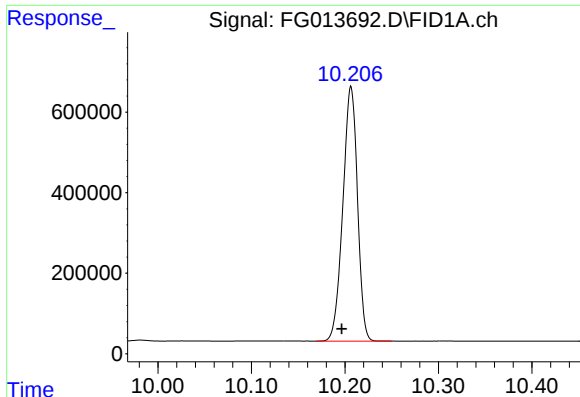
#3 N-DODECANE

R.T.: 6.760 min
Delta R.T.: 0.008 min
Response: 6833368
Conc: 53.79 ug/ml



#4 N-TETRADECANE

R.T.: 8.594 min
Delta R.T.: 0.010 min
Response: 6717670
Conc: 52.31 ug/ml



#5 N-HEXADECANE

R.T.: 10.207 min
Delta R.T.: 0.010 min
Response: 6865915
Conc: 53.04 ug/ml

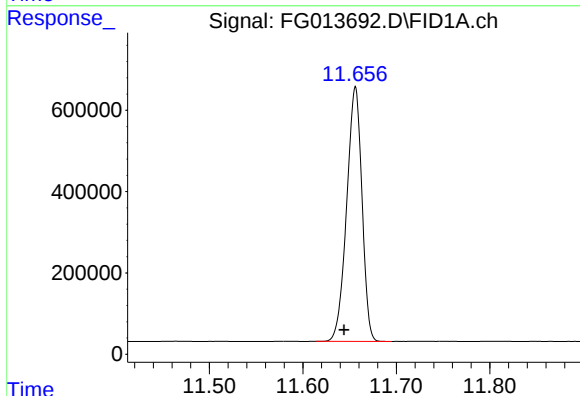
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

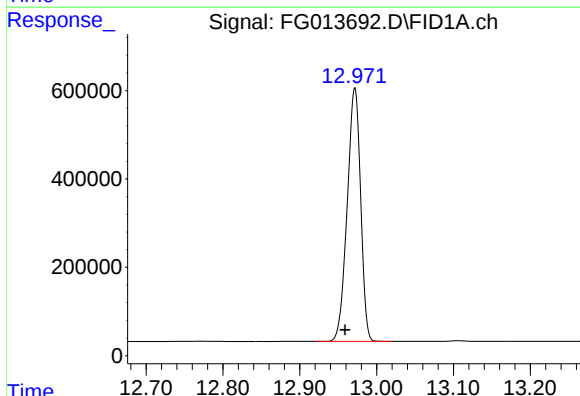
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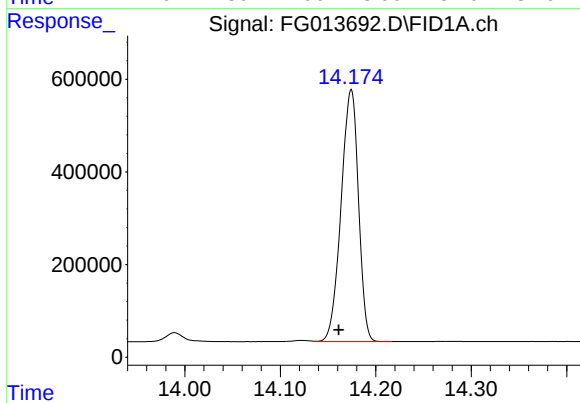
#6 N-OCTADECANE

R.T.: 11.656 min
Delta R.T.: 0.012 min
Response: 7109367
Conc: 53.67 ug/ml



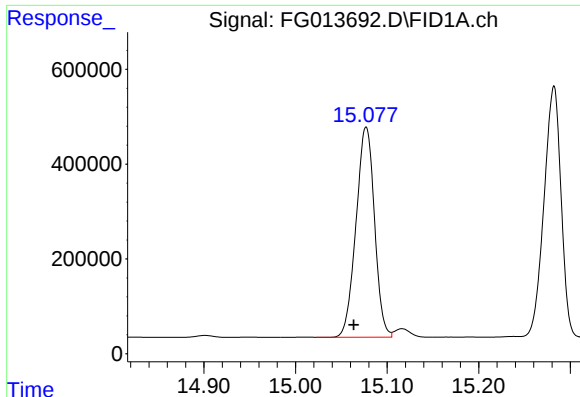
#7 N-EICOSANE

R.T.: 12.972 min
Delta R.T.: 0.012 min
Response: 6960103
Conc: 51.66 ug/ml



#8 N-DOCOSANE

R.T.: 14.174 min
Delta R.T.: 0.013 min
Response: 6878155
Conc: 52.47 ug/ml



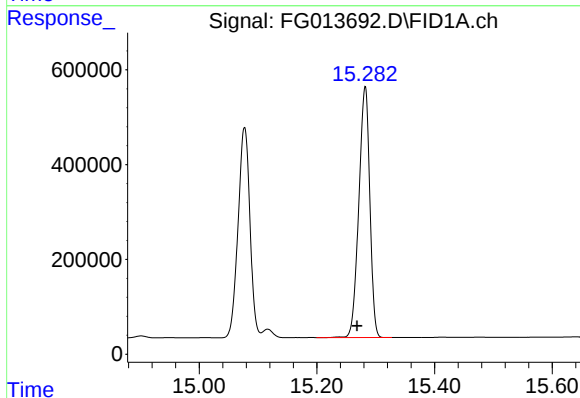
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.077 min
Delta R.T.: 0.014 min
Response: 6215419
Conc: 53.45 ug/ml

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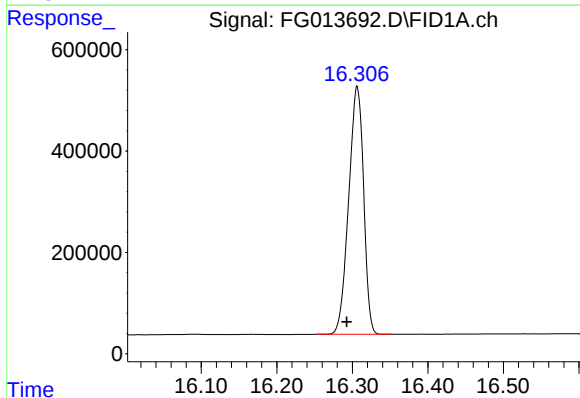
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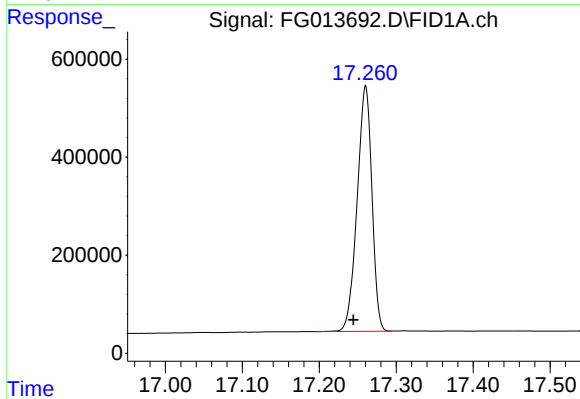
#10 N-TETRACOSANE

R.T.: 15.282 min
Delta R.T.: 0.014 min
Response: 6851136
Conc: 52.19 ug/ml



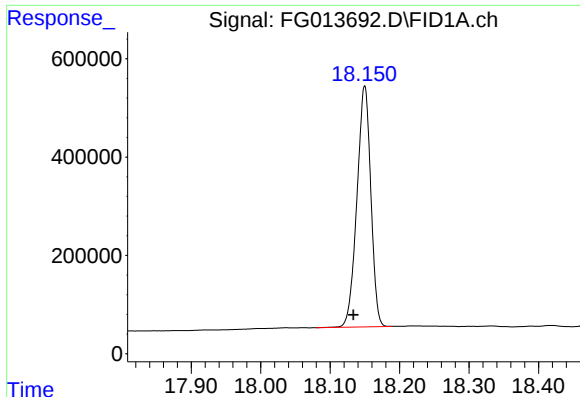
#11 N-HEXACOSANE

R.T.: 16.306 min
Delta R.T.: 0.014 min
Response: 6716769
Conc: 51.40 ug/ml



#12 N-OCTACOSANE

R.T.: 17.260 min
Delta R.T.: 0.015 min
Response: 6681276
Conc: 51.83 ug/ml m



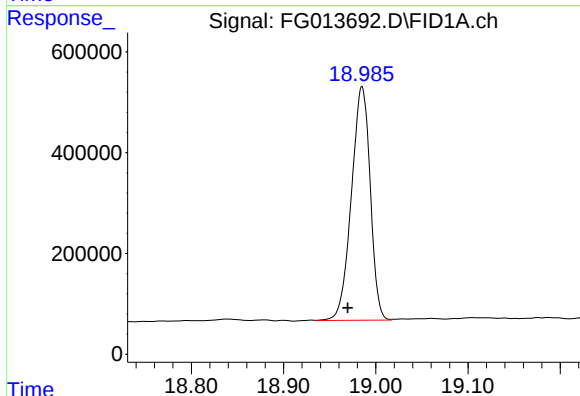
#13 N-TRIACONTANE

R.T.: 18.150 min
Delta R.T.: 0.016 min
Response: 6811766
Conc: 52.49 ug/ml

Instrument :
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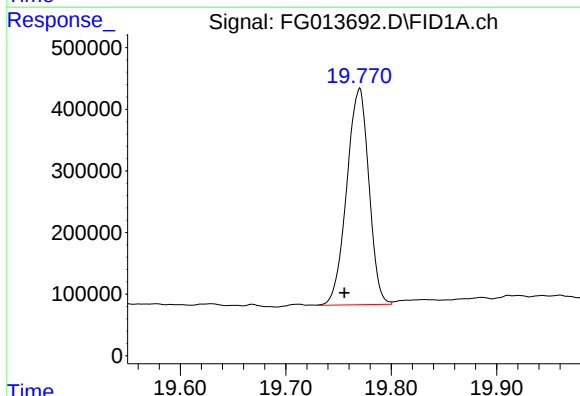
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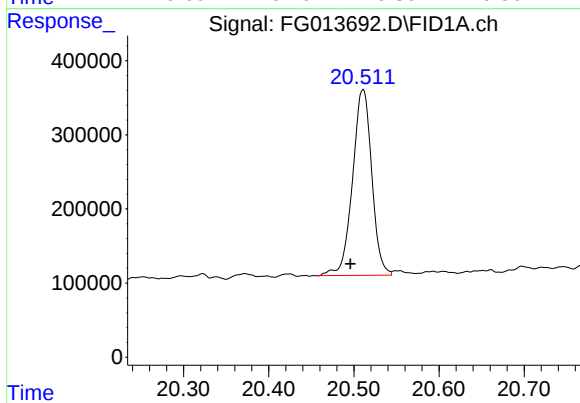
#14 N-DOTRIACONTANE

R.T.: 18.985 min
Delta R.T.: 0.016 min
Response: 6571917
Conc: 51.30 ug/ml



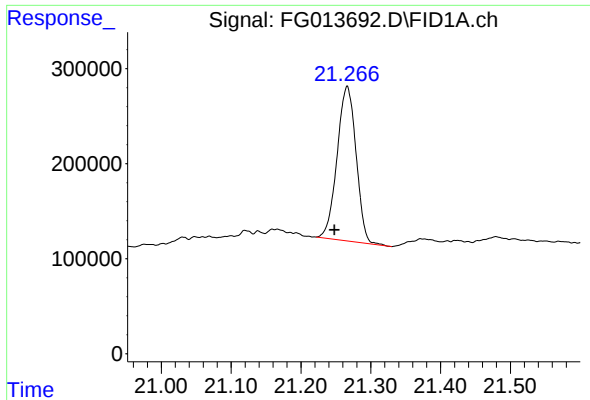
#15 N-TETRATRIACONTANE

R.T.: 19.770 min
Delta R.T.: 0.014 min
Response: 5118976
Conc: 42.76 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.511 min
Delta R.T.: 0.015 min
Response: 3935481
Conc: 35.89 ug/ml



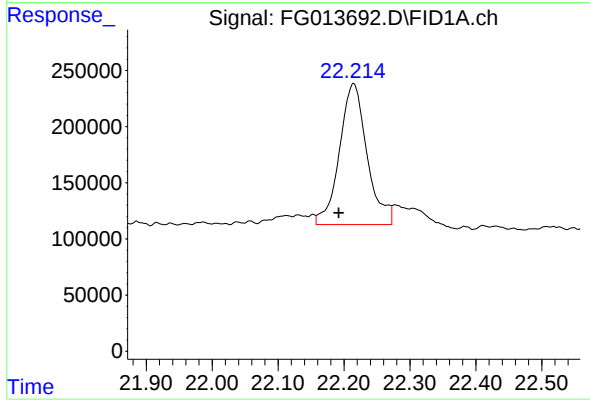
#17 N-OCTATRIACONTANE

R.T.: 21.266 min
Delta R.T.: 0.018 min
Response: 3072427
Conc: 30.36 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.214 min
Delta R.T.: 0.022 min
Response: 3651382
Conc: 37.85 ug/ml