

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042524\
 Data File : FG013700.D
 Signal(s) : FID1A.ch
 Acq On : 25 Apr 2024 18:40
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 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 05:13:41 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...	15.076	6340776	54.524 ug/ml
Target Compounds			
1) N-OCTANE	2.059	6287264	51.341 ug/ml
2) N-DECANE	4.586	6825772	54.490 ug/ml
3) N-DODECANE	6.759	7104030	55.915 ug/ml
4) N-TETRADECANE	8.592	6952963	54.141 ug/ml
5) N-HEXADECANE	10.206	7099139	54.844 ug/ml
6) N-OCTADECANE	11.655	7316756	55.231 ug/ml
7) N-EICOSANE	12.971	7143704	53.023 ug/ml
8) N-DOCOSANE	14.173	7022951	53.574 ug/ml
10) N-TETRACOSANE	15.281	6959397	53.015 ug/ml
11) N-HEXACOSANE	16.305	6790694	51.969 ug/ml
12) N-OCTACOSANE	17.259	6691557	51.910 ug/ml
13) N-TRIACONTANE	18.148	6662824	51.342 ug/ml
14) N-DOTRIACONTANE	18.984	6348407	49.551 ug/ml
15) N-TETRATRIACONTANE	19.770	5096723	42.576 ug/ml
16) N-HEXATRIACONTANE	20.510	3890180	35.475 ug/ml
17) N-OCTATRIACONTANE	21.265	3383848	33.442 ug/mlm
18) N-TETRACONTANE	22.213	3384536	35.081 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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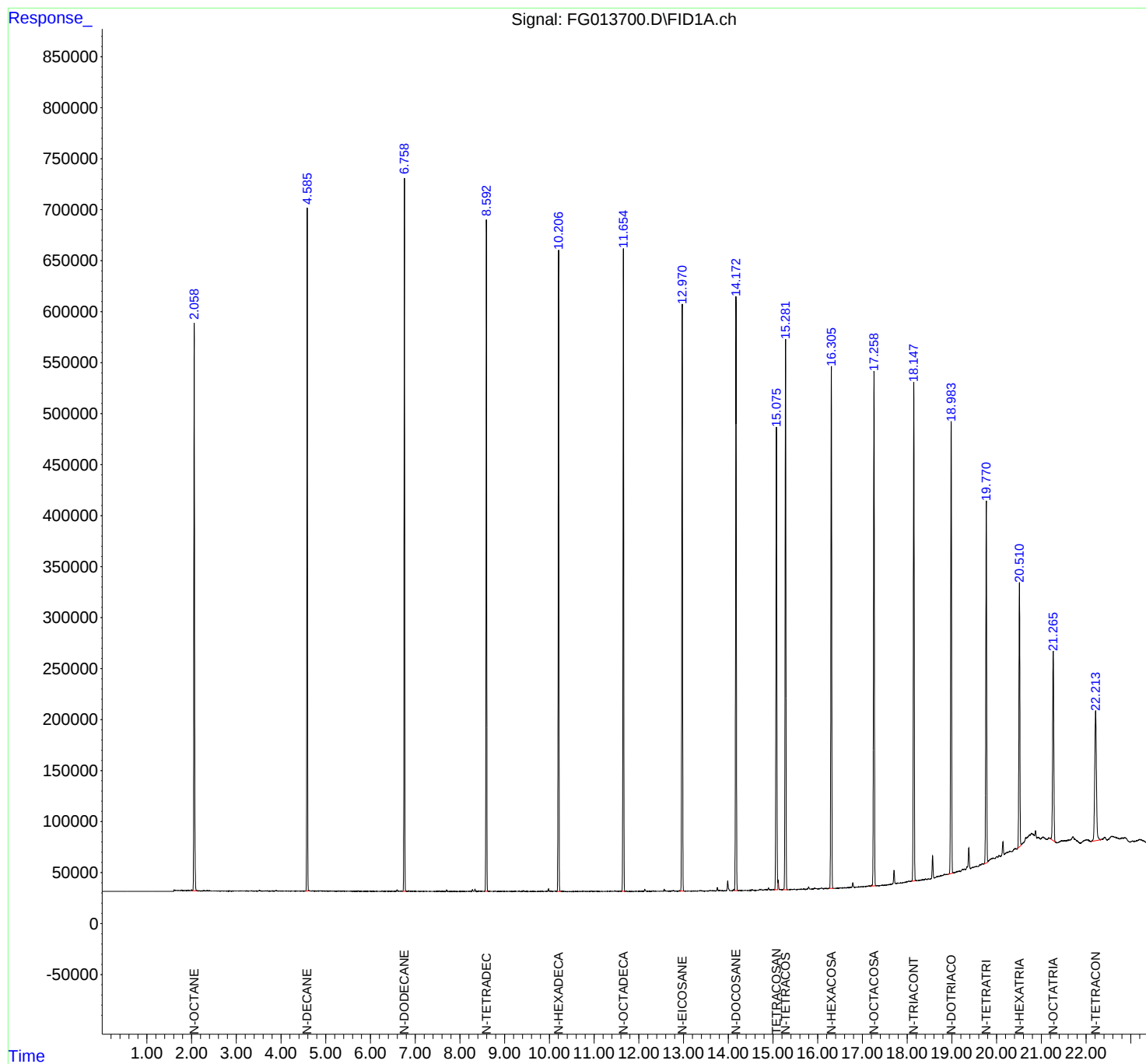
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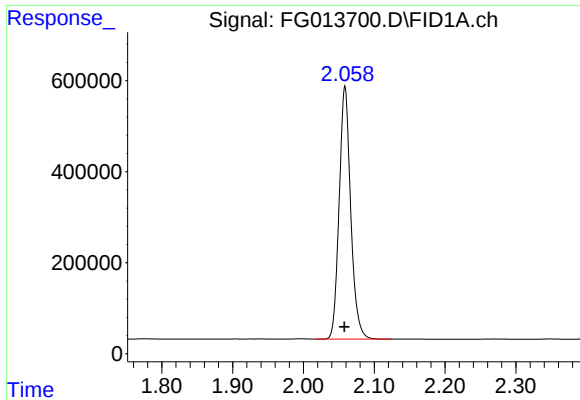
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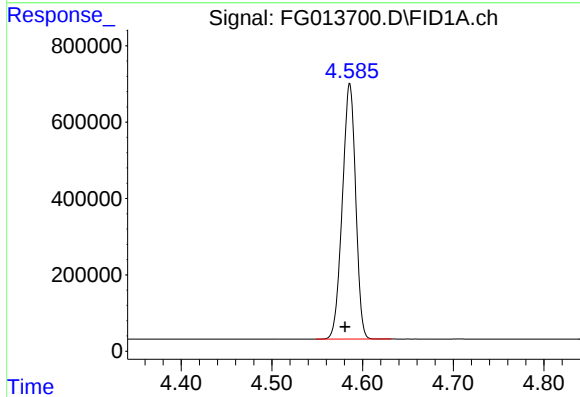
#1 N-OCTANE

R.T.: 2.059 min
Delta R.T.: 0.000 min
Response: 6287264
Conc: 51.34 ug/ml

Instrument :
FID_G
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50 PPM TRPH STD

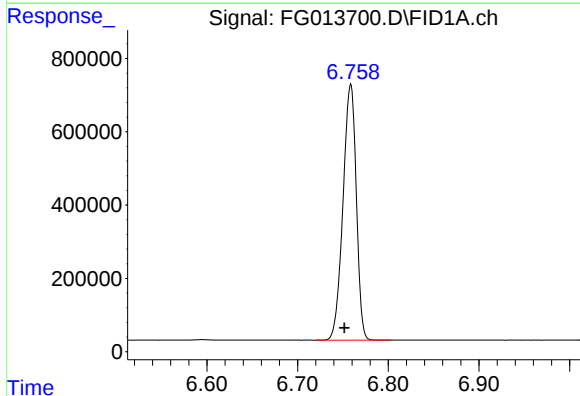
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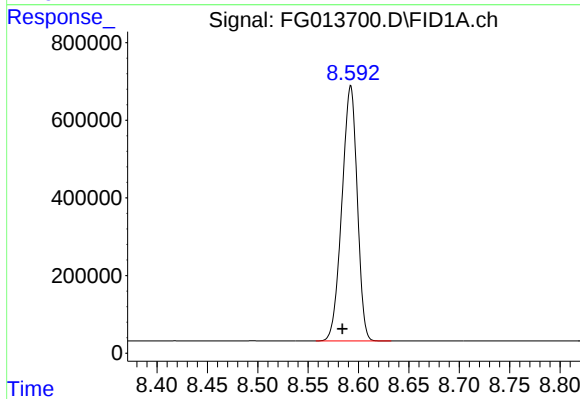
#2 N-DECANE

R.T.: 4.586 min
Delta R.T.: 0.005 min
Response: 6825772
Conc: 54.49 ug/ml



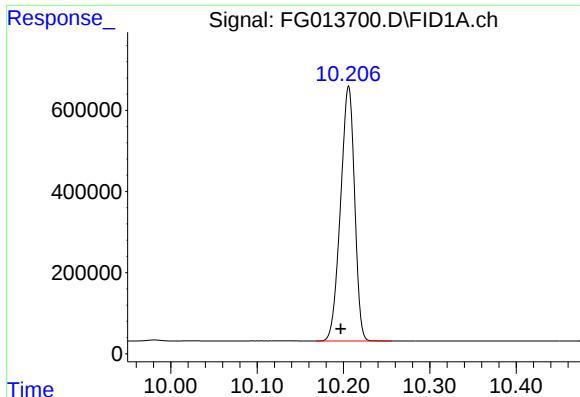
#3 N-DODECANE

R.T.: 6.759 min
Delta R.T.: 0.007 min
Response: 7104030
Conc: 55.92 ug/ml



#4 N-TETRADECANE

R.T.: 8.592 min
Delta R.T.: 0.008 min
Response: 6952963
Conc: 54.14 ug/ml



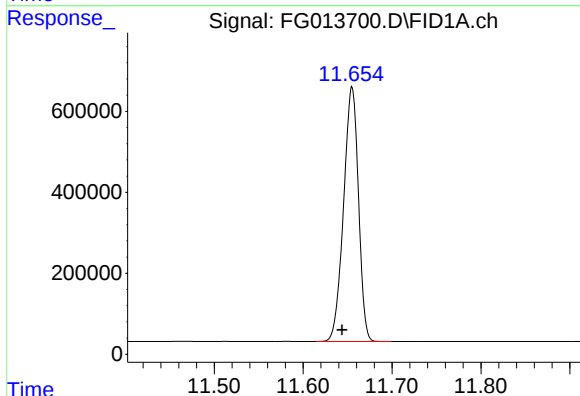
#5 N-HEXADECANE

R.T.: 10.206 min
Delta R.T.: 0.009 min
Response: 7099139
Conc: 54.84 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

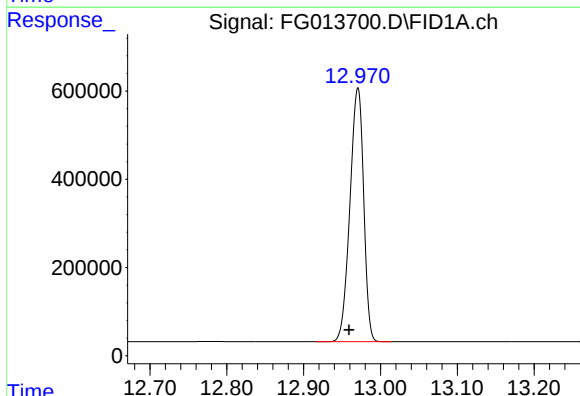
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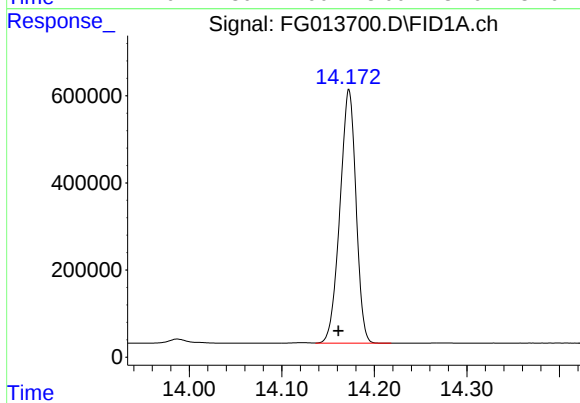
#6 N-OCTADECANE

R.T.: 11.655 min
Delta R.T.: 0.011 min
Response: 7316756
Conc: 55.23 ug/ml



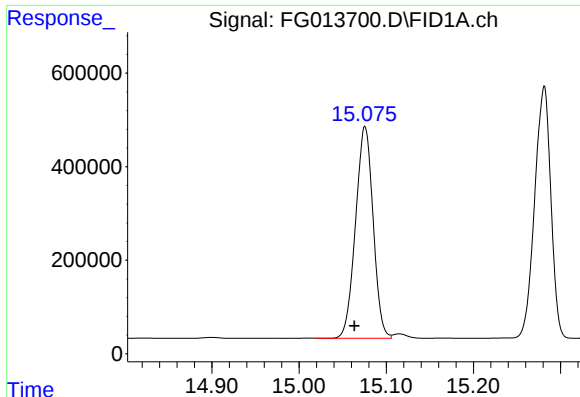
#7 N-EICOSANE

R.T.: 12.971 min
Delta R.T.: 0.011 min
Response: 7143704
Conc: 53.02 ug/ml



#8 N-DOCOSANE

R.T.: 14.173 min
Delta R.T.: 0.011 min
Response: 7022951
Conc: 53.57 ug/ml



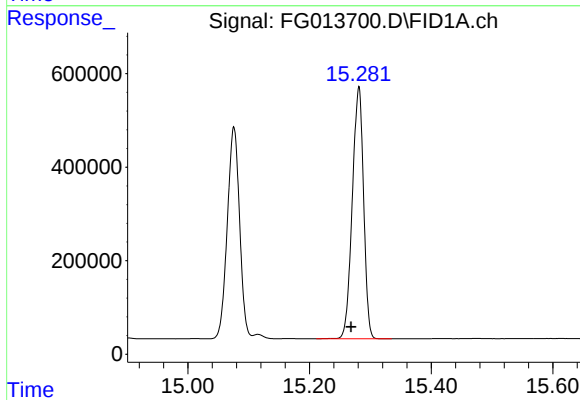
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.076 min
Delta R.T.: 0.012 min
Response: 6340776
Conc: 54.52 ug/ml

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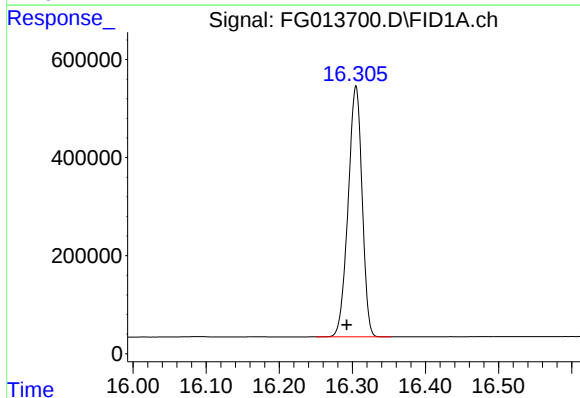
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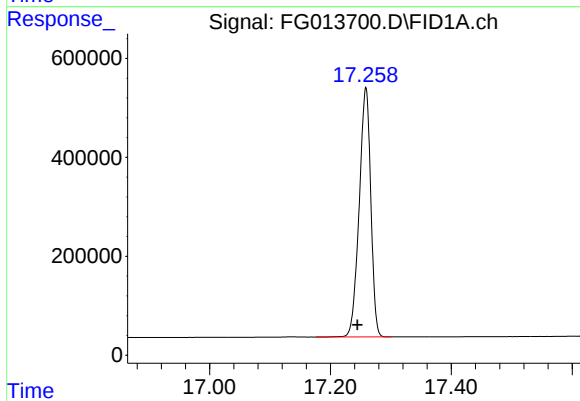
#10 N-TETRACOSANE

R.T.: 15.281 min
Delta R.T.: 0.013 min
Response: 6959397
Conc: 53.01 ug/ml



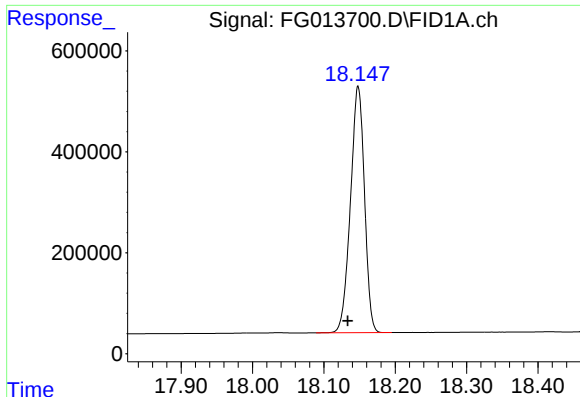
#11 N-HEXACOSANE

R.T.: 16.305 min
Delta R.T.: 0.013 min
Response: 6790694
Conc: 51.97 ug/ml



#12 N-OCTACOSANE

R.T.: 17.259 min
Delta R.T.: 0.014 min
Response: 6691557
Conc: 51.91 ug/ml



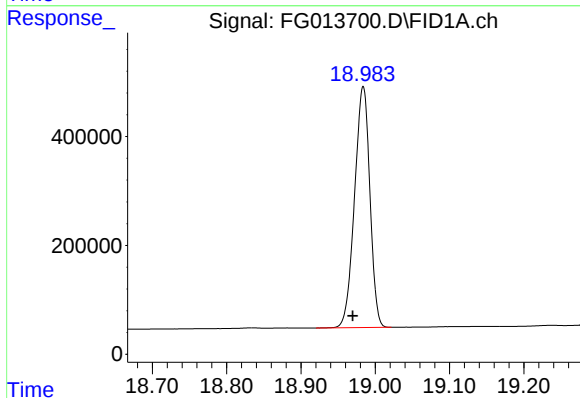
#13 N-TRIACONTANE

R.T.: 18.148 min
Delta R.T.: 0.014 min
Response: 6662824
Conc: 51.34 ug/ml

Instrument :
FID_G
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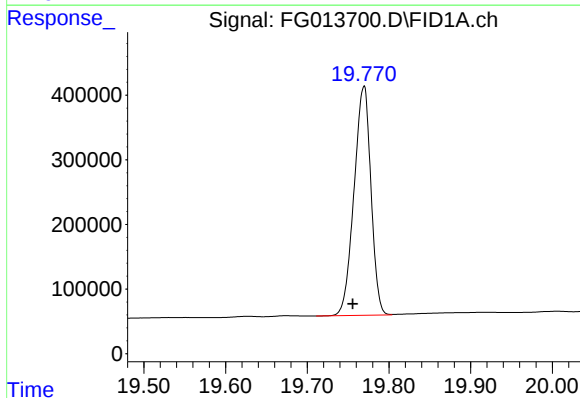
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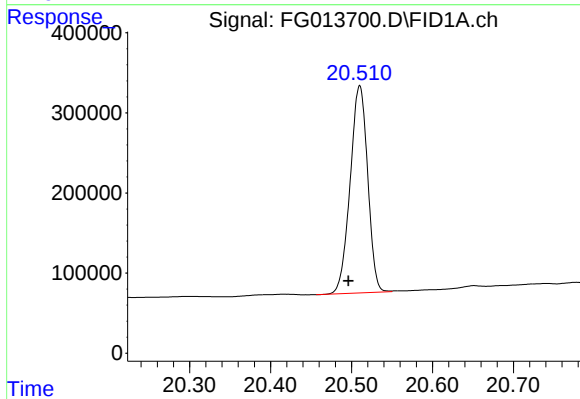
#14 N-DOTRIACONTANE

R.T.: 18.984 min
Delta R.T.: 0.014 min
Response: 6348407
Conc: 49.55 ug/ml



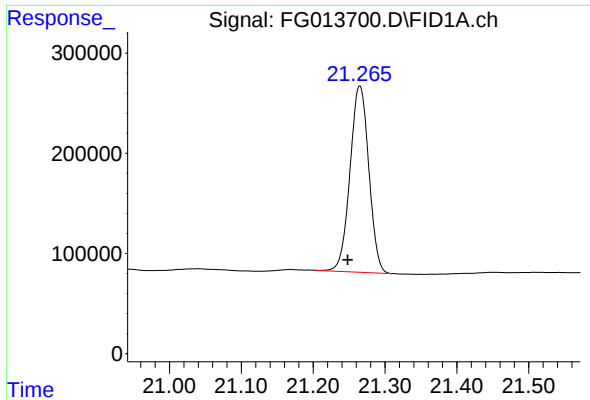
#15 N-TETRATRIACONTANE

R.T.: 19.770 min
Delta R.T.: 0.014 min
Response: 5096723
Conc: 42.58 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.510 min
Delta R.T.: 0.014 min
Response: 3890180
Conc: 35.48 ug/ml



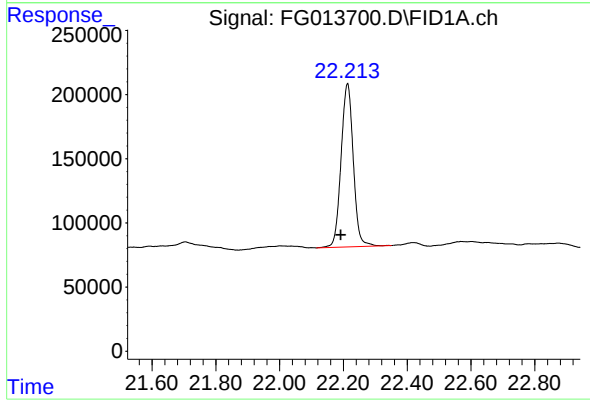
#17 N-OCTATRIACONTANE

R.T.: 21.265 min
Delta R.T.: 0.016 min
Response: 3383848
Conc: 33.44 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.213 min
Delta R.T.: 0.021 min
Response: 3384536
Conc: 35.08 ug/ml