

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG043024\
 Data File : FG013733.D
 Signal(s) : FID1A.ch
 Acq On : 01 May 2024 01:57
 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 05/01/2024
 Supervised By :mohammad ahmed 05/02/2024

Integration File: autoint1.e
 Quant Time: May 01 05:02:21 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...	15.073	5580636	47.987 ug/mlm
Target Compounds			
1) N-OCTANE	2.058	6145026	50.180 ug/ml
2) N-DECANE	4.585	6420054	51.252 ug/ml
3) N-DODECANE	6.757	6526199	51.367 ug/ml
4) N-TETRADECANE	8.591	6558787	51.072 ug/ml
5) N-HEXADECANE	10.204	6568308	50.743 ug/ml
6) N-OCTADECANE	11.653	6659072	50.267 ug/ml
7) N-EICOSANE	12.969	6667243	49.487 ug/ml
8) N-DOCOSANE	14.171	6381701	48.682 ug/ml
10) N-TETRACOSANE	15.279	6273505	47.790 ug/ml
11) N-HEXACOSANE	16.304	6114382	46.793 ug/ml
12) N-OCTACOSANE	17.255	5950740	46.163 ug/ml
13) N-TRIACONTANE	18.147	5933463	45.722 ug/ml
14) N-DOTRIACONTANE	18.981	5823648	45.455 ug/ml
15) N-TETRATRIACONTANE	19.769	5537607	46.259 ug/ml
16) N-HEXATRIACONTANE	20.510	5271312	48.070 ug/ml
17) N-OCTATRIACONTANE	21.264	4961266	49.031 ug/ml
18) N-TETRACONTANE	22.213	5037039	52.209 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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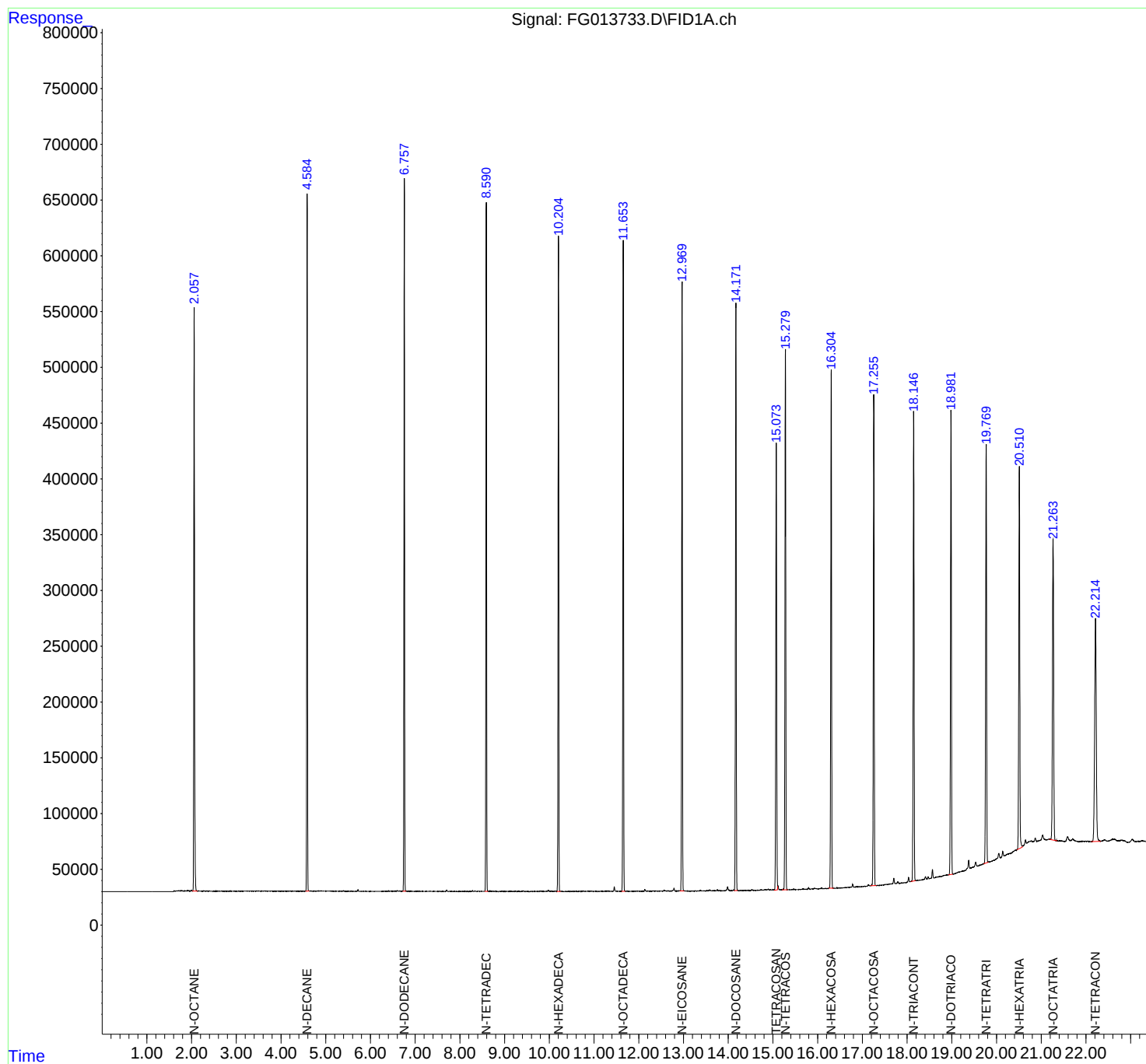
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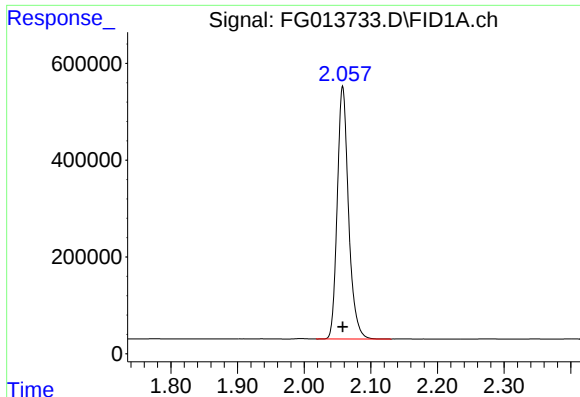
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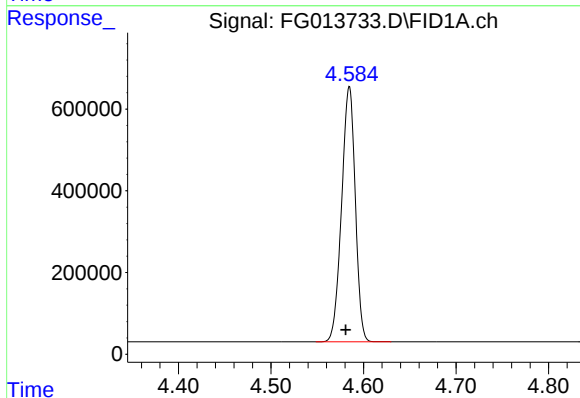
#1 N-OCTANE

R.T.: 2.058 min
Delta R.T.: 0.000 min
Response: 6145026
Conc: 50.18 ug/ml

Instrument :
FID_G
ClientSampleId :
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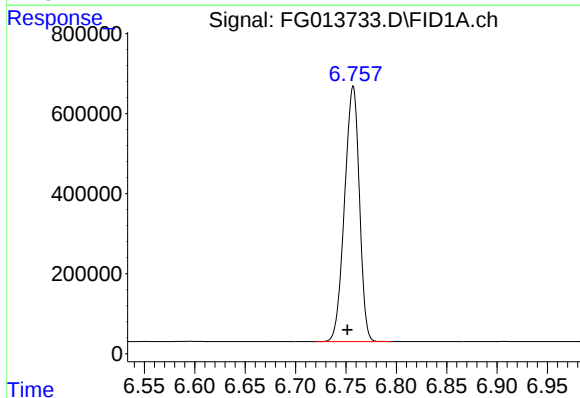
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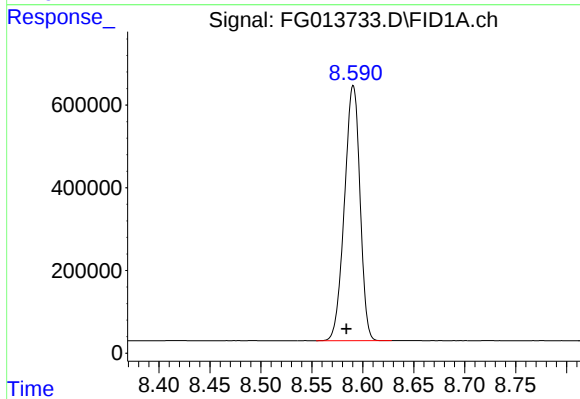
#2 N-DECANE

R.T.: 4.585 min
Delta R.T.: 0.004 min
Response: 6420054
Conc: 51.25 ug/ml



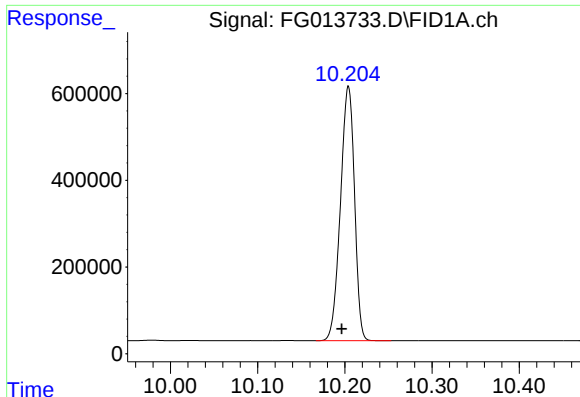
#3 N-DODECANE

R.T.: 6.757 min
Delta R.T.: 0.006 min
Response: 6526199
Conc: 51.37 ug/ml



#4 N-TETRADECANE

R.T.: 8.591 min
Delta R.T.: 0.007 min
Response: 6558787
Conc: 51.07 ug/ml



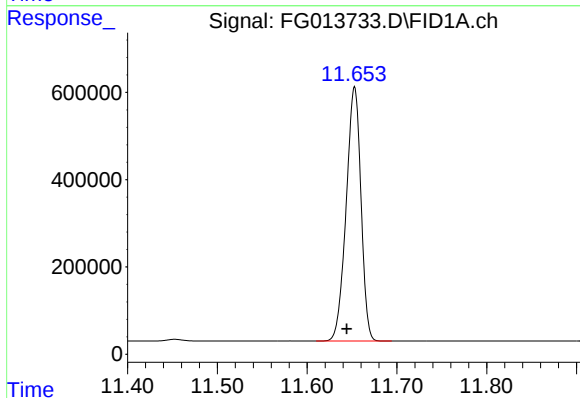
#5 N-HEXADECANE

R.T.: 10.204 min
Delta R.T.: 0.008 min
Response: 6568308
Conc: 50.74 ug/ml

Instrument :
FID_G
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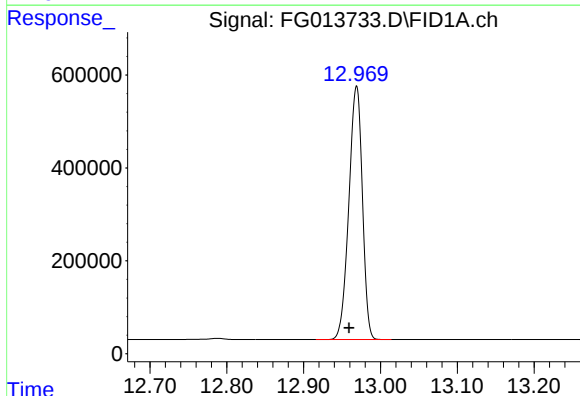
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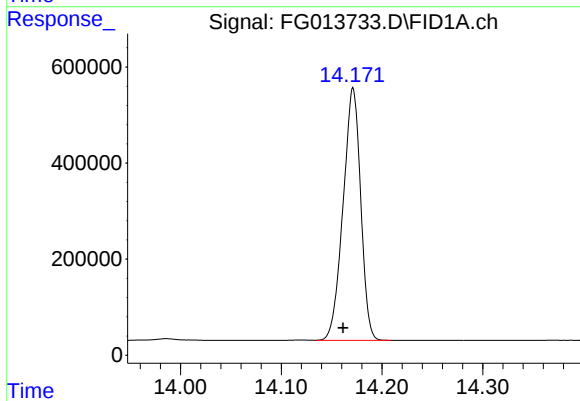
#6 N-OCTADECANE

R.T.: 11.653 min
Delta R.T.: 0.009 min
Response: 6659072
Conc: 50.27 ug/ml



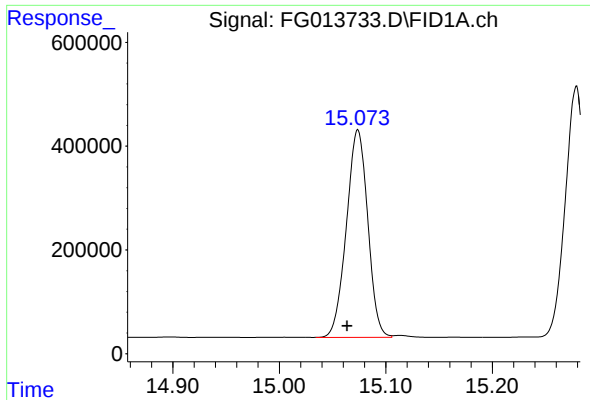
#7 N-EICOSANE

R.T.: 12.969 min
Delta R.T.: 0.010 min
Response: 6667243
Conc: 49.49 ug/ml



#8 N-DOCOSANE

R.T.: 14.171 min
Delta R.T.: 0.010 min
Response: 6381701
Conc: 48.68 ug/ml



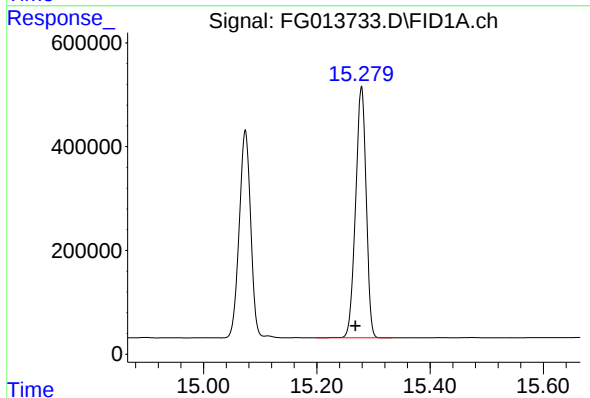
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.073 min
Delta R.T.: 0.010 min
Response: 5580636
Conc: 47.99 ug/ml

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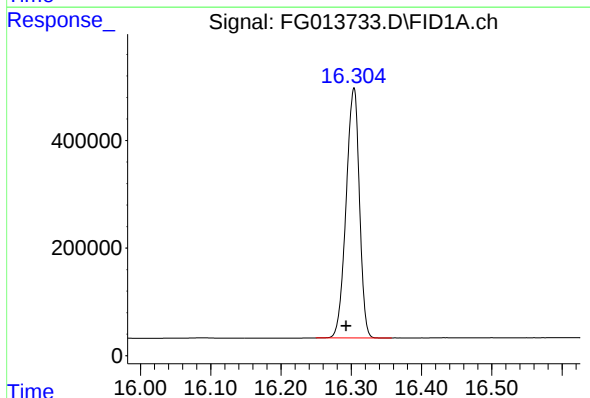
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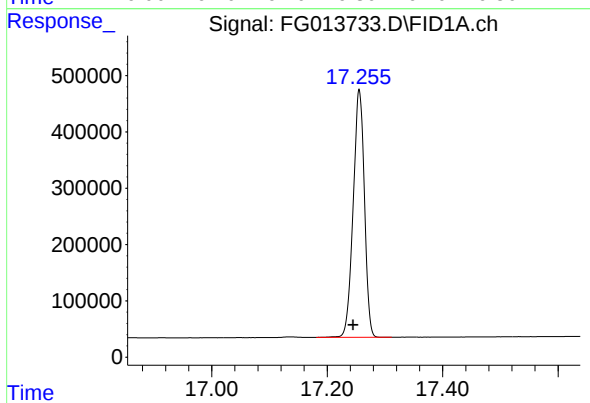
#10 N-TETRACOSANE

R.T.: 15.279 min
Delta R.T.: 0.011 min
Response: 6273505
Conc: 47.79 ug/ml



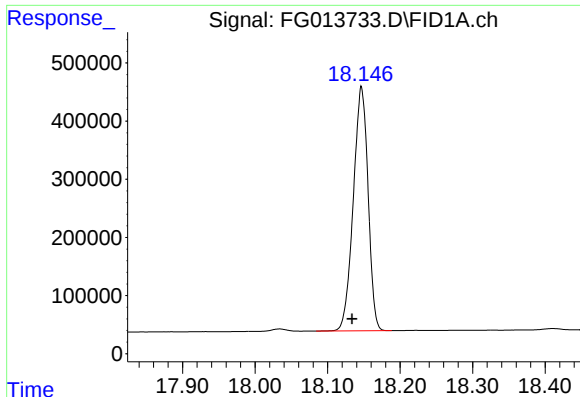
#11 N-HEXACOSANE

R.T.: 16.304 min
Delta R.T.: 0.011 min
Response: 6114382
Conc: 46.79 ug/ml



#12 N-OCTACOSANE

R.T.: 17.255 min
Delta R.T.: 0.011 min
Response: 5950740
Conc: 46.16 ug/ml



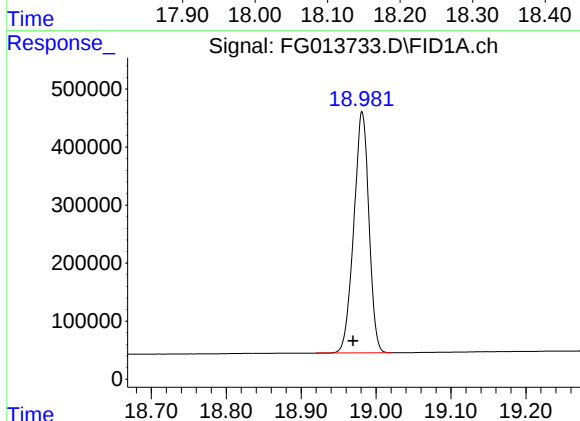
#13 N-TRIACONTANE

R.T.: 18.147 min
Delta R.T.: 0.013 min
Response: 5933463
Conc: 45.72 ug/ml

Instrument :
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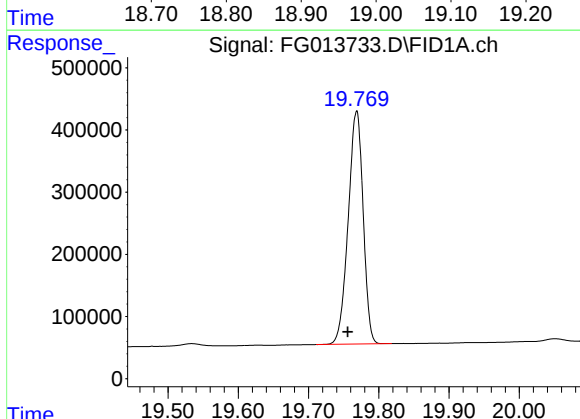
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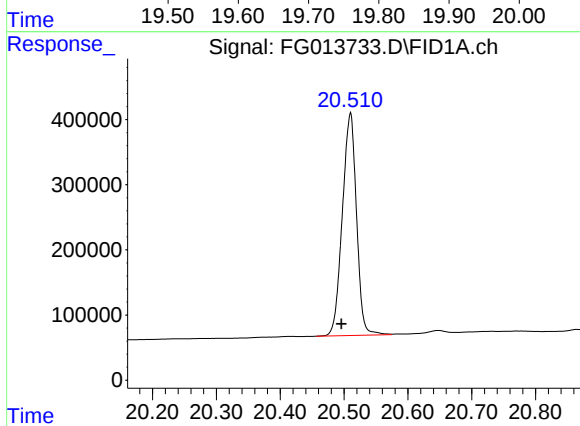
#14 N-DOTRIACONTANE

R.T.: 18.981 min
Delta R.T.: 0.012 min
Response: 5823648
Conc: 45.45 ug/ml



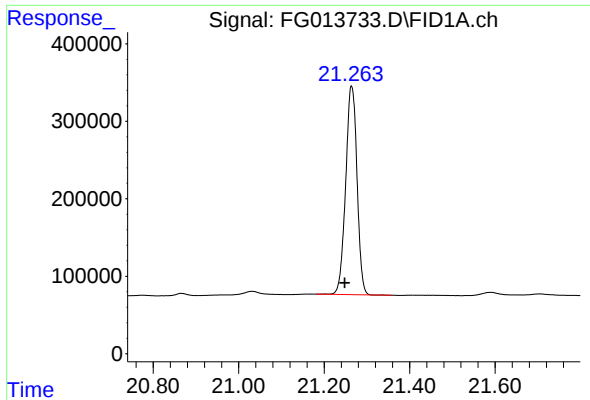
#15 N-TETRATRIACONTANE

R.T.: 19.769 min
Delta R.T.: 0.013 min
Response: 5537607
Conc: 46.26 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.510 min
Delta R.T.: 0.014 min
Response: 5271312
Conc: 48.07 ug/ml



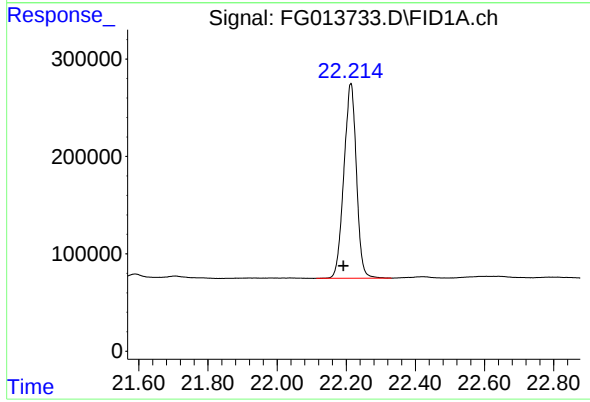
#17 N-OCTATRIACONTANE

R.T.: 21.264 min
Delta R.T.: 0.016 min
Response: 4961266
Conc: 49.03 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.213 min
Delta R.T.: 0.021 min
Response: 5037039
Conc: 52.21 ug/ml