

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111221\
 Data File : FG009059.D
 Signal(s) : FID1A.ch
 Acq On : 13 Nov 2021 04:30
 Operator : AJ\MA
 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 11/15/2021
 Supervised By :mohammad ahmed 11/15/2021

Integration File: Sample.e
 Quant Time: Nov 13 05:25:43 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG110121.M
 Quant Title :
 QLast Update : Tue Nov 02 01:56:13 2021
 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...	14.745	5498566	47.641 ug/ml
Target Compounds			
1) N-OCTANE	2.332	6981568	51.772 ug/ml
2) N-DECANE	4.436	7066775	52.264 ug/ml
3) N-DODECANE	6.464	7017863	51.685 ug/ml
4) N-TETRADECANE	8.267	6895424	51.917 ug/ml
5) N-HEXADECANE	9.875	6735369	50.807 ug/ml
6) N-OCTADECANE	11.322	6764988	49.339 ug/ml
7) N-EICOSANE	12.638	6642566	48.564 ug/ml
8) N-DOCOSANE	13.841	6429581	48.043 ug/ml
10) N-TETRACOSANE	14.949	6282015	47.558 ug/ml
11) N-HEXACOSANE	15.974	6067108	47.652 ug/ml
12) N-OCTACOSANE	16.928	5912055	48.090 ug/ml
13) N-TRIACONTANE	17.819	5788984	49.443 ug/ml
14) N-DOTRIACONTANE	18.655	5623982	51.657 ug/ml
15) N-TETRATRIACONTANE	19.442	5506841	54.211 ug/mlm
16) N-HEXATRIACONTANE	20.184	5252051	55.682 ug/mlm
17) N-OCTATRIACONTANE	20.938	5079168	57.406 ug/ml
18) N-TETRACONTANE	21.884	5078838	57.487 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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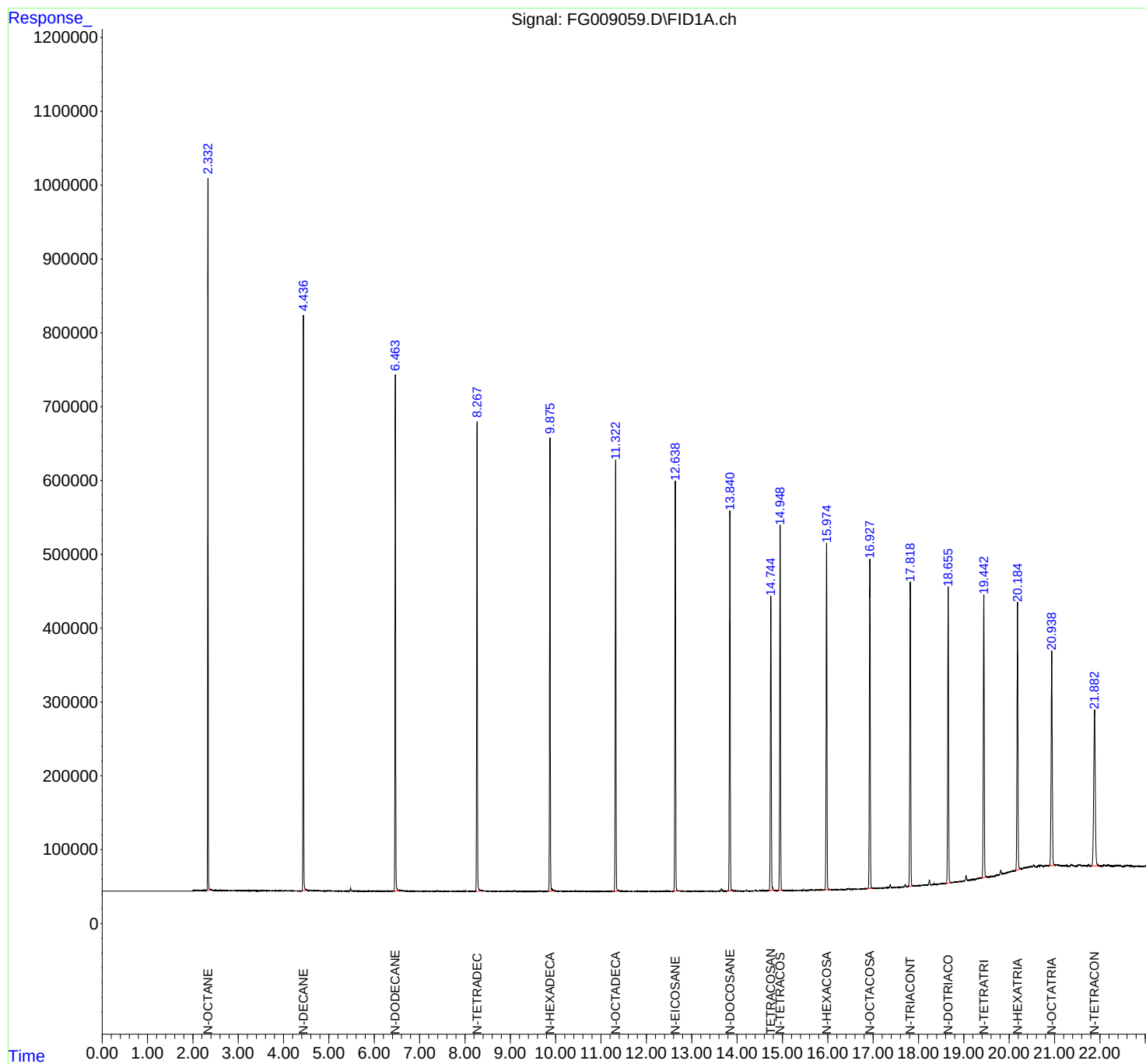
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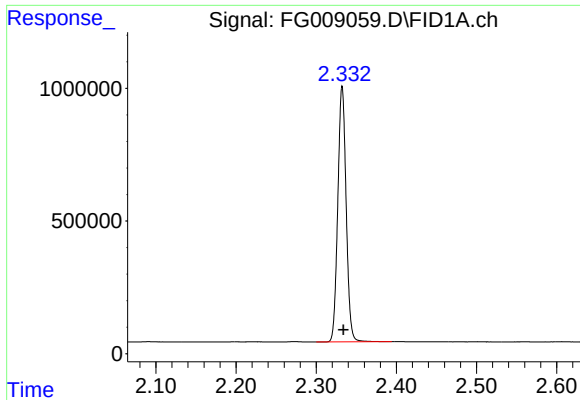
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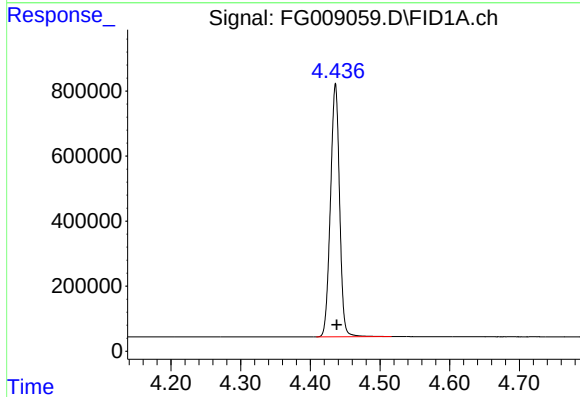
#1 N-OCTANE

R.T.: 2.332 min
Delta R.T.: -0.002 min
Response: 6981568
Conc: 51.77 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

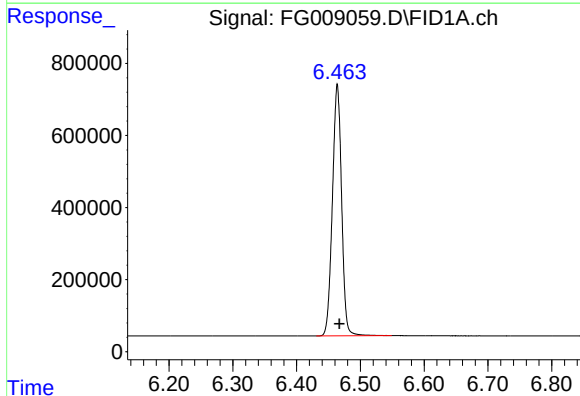
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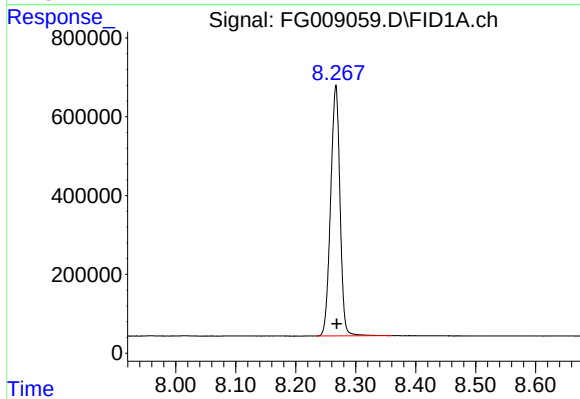
#2 N-DECANE

R.T.: 4.436 min
Delta R.T.: -0.002 min
Response: 7066775
Conc: 52.26 ug/ml



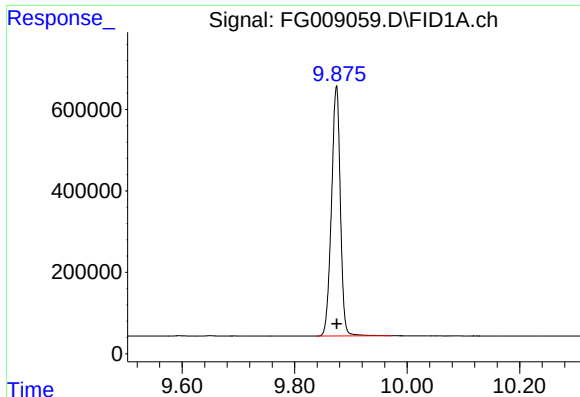
#3 N-DODECANE

R.T.: 6.464 min
Delta R.T.: -0.003 min
Response: 7017863
Conc: 51.68 ug/ml



#4 N-TETRADECANE

R.T.: 8.267 min
Delta R.T.: -0.001 min
Response: 6895424
Conc: 51.92 ug/ml



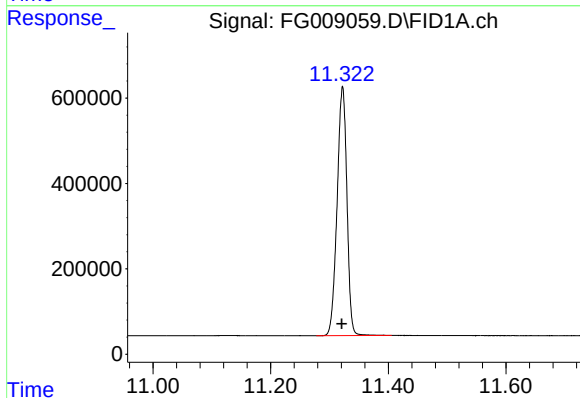
#5 N-HEXADECANE

R.T.: 9.875 min
Delta R.T.: 0.000 min
Response: 6735369
Conc: 50.81 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

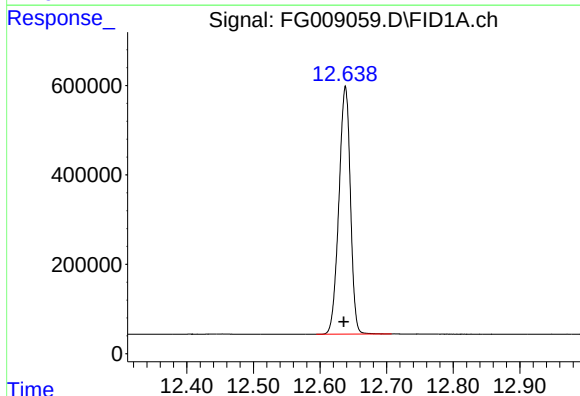
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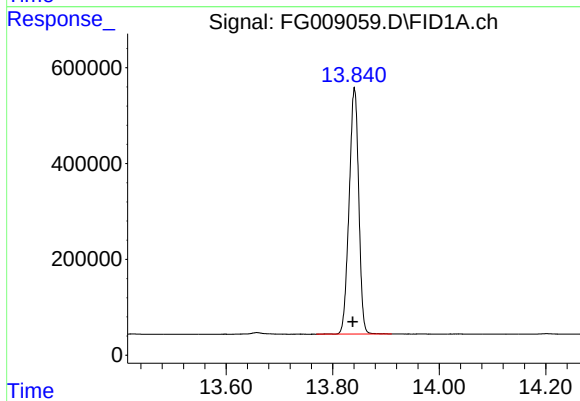
#6 N-OCTADECANE

R.T.: 11.322 min
Delta R.T.: 0.001 min
Response: 6764988
Conc: 49.34 ug/ml



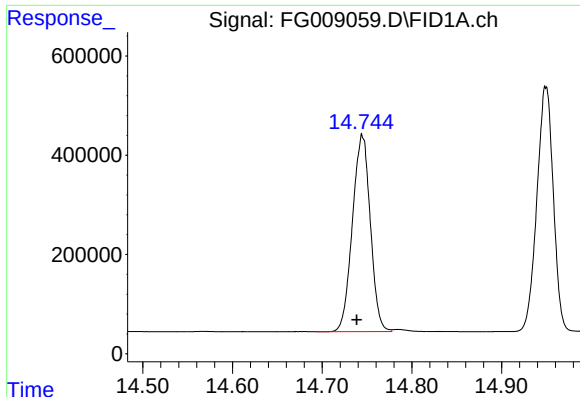
#7 N-EICOSANE

R.T.: 12.638 min
Delta R.T.: 0.003 min
Response: 6642566
Conc: 48.56 ug/ml



#8 N-DOCOSANE

R.T.: 13.841 min
Delta R.T.: 0.003 min
Response: 6429581
Conc: 48.04 ug/ml



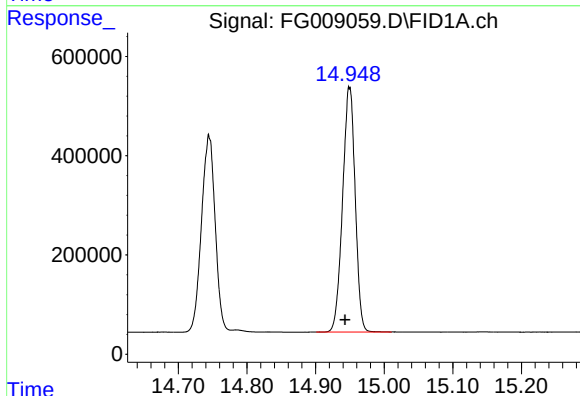
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.745 min
Delta R.T.: 0.007 min
Response: 5498566
Conc: 47.64 ug/ml

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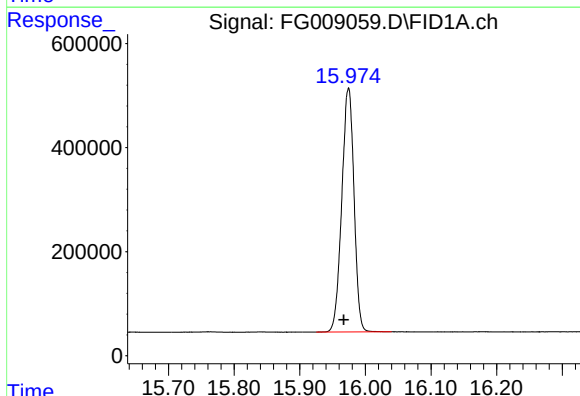
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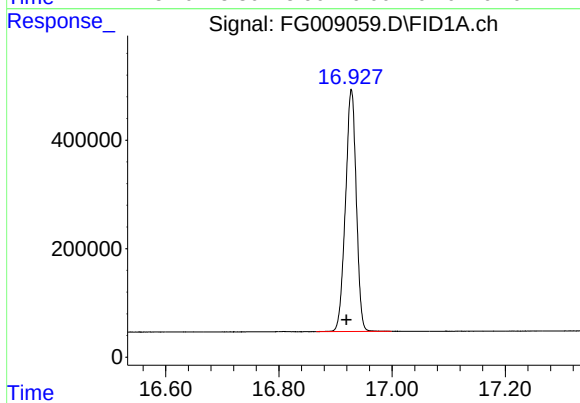
#10 N-TETRACOSANE

R.T.: 14.949 min
Delta R.T.: 0.006 min
Response: 6282015
Conc: 47.56 ug/ml



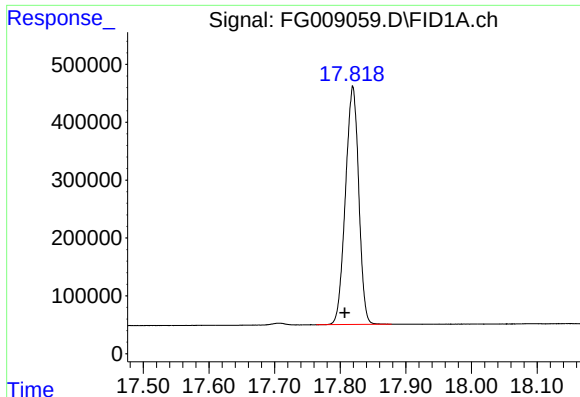
#11 N-HEXACOSANE

R.T.: 15.974 min
Delta R.T.: 0.007 min
Response: 6067108
Conc: 47.65 ug/ml



#12 N-OCTACOSANE

R.T.: 16.928 min
Delta R.T.: 0.009 min
Response: 5912055
Conc: 48.09 ug/ml



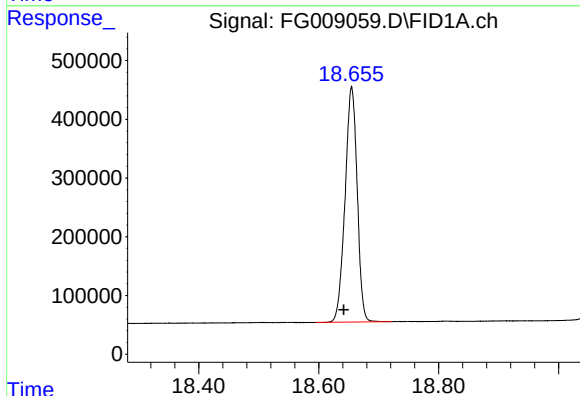
#13 N-TRIACONTANE

R.T.: 17.819 min
Delta R.T.: 0.012 min
Response: 5788984
Conc: 49.44 ug/ml

Instrument :
FID_G
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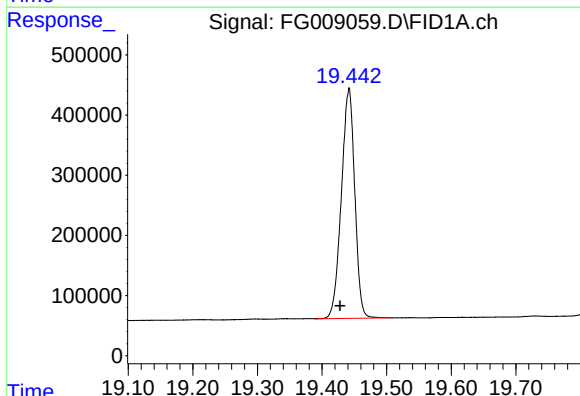
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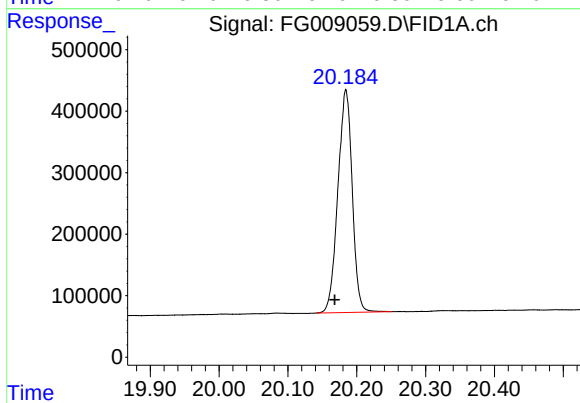
#14 N-DOTRIACONTANE

R.T.: 18.655 min
Delta R.T.: 0.013 min
Response: 5623982
Conc: 51.66 ug/ml



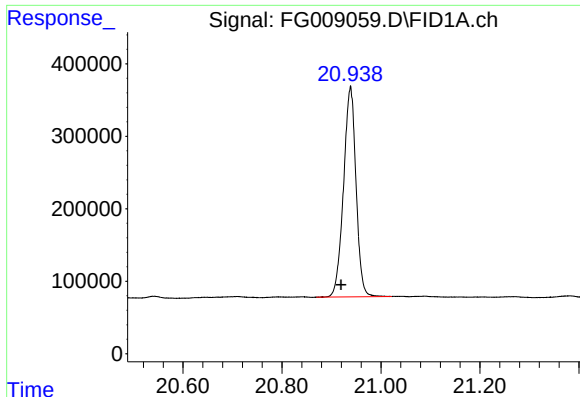
#15 N-TETRATRIACONTANE

R.T.: 19.442 min
Delta R.T.: 0.014 min
Response: 5506841
Conc: 54.21 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.184 min
Delta R.T.: 0.016 min
Response: 5252051
Conc: 55.68 ug/ml m



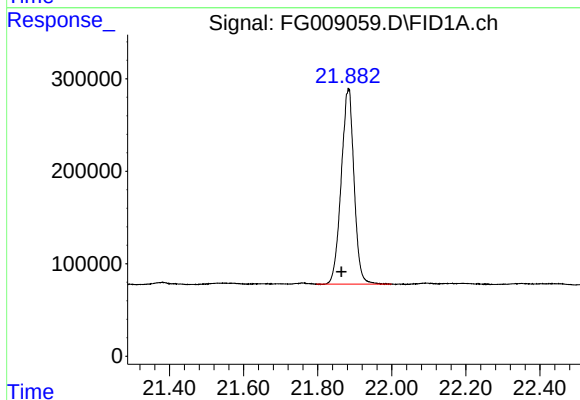
#17 N-OCTATRIACONTANE

R.T.: 20.938 min
Delta R.T.: 0.019 min
Response: 5079168
Conc: 57.41 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.884 min
Delta R.T.: 0.020 min
Response: 5078838
Conc: 57.49 ug/ml