

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062822\
 Data File : FG010022.D
 Signal(s) : FID1A.ch
 Acq On : 28 Jun 2022 16:01
 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 :Yogesh Patel 06/29/2022
 Supervised By :Ankita Jodhani 06/29/2022

Integration File: Sample.e
 Quant Time: Jun 29 01:27:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG060122.M
 Quant Title :
 QLast Update : Wed Jun 01 13:06:30 2022
 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...	14.819	5879224	55.856 ug/mlm
Target Compounds			
1) N-OCTANE	1.836	5723495	45.675 ug/ml
2) N-DECANE	4.343	6541843	51.801 ug/ml
3) N-DODECANE	6.522	6655316	52.754 ug/ml
4) N-TETRADECANE	8.352	6797847	53.500 ug/ml
5) N-HEXADECANE	9.961	6879847	54.546 ug/ml
6) N-OCTADECANE	11.405	6940167	54.988 ug/ml
7) N-EICOSANE	12.718	6817611	55.744 ug/ml
8) N-DOCOSANE	13.918	6731225	55.823 ug/ml
10) N-TETRACOSANE	15.023	6592791	56.252 ug/ml
11) N-HEXACOSANE	16.046	6384828	56.280 ug/ml
12) N-OCTACOSANE	16.998	6217678	54.335 ug/ml
13) N-TRIACONTANE	17.886	6178571	57.379 ug/ml
14) N-DOTRIACONTANE	18.720	5899928	56.052 ug/ml
15) N-TETRATRIACONTANE	19.505	5382329	56.057 ug/ml
16) N-HEXATRIACONTANE	20.246	4547739	56.272 ug/ml
17) N-OCTATRIACONTANE	20.961	4150333	57.792 ug/ml
18) N-TETRACONTANE	21.813	4428320	63.061 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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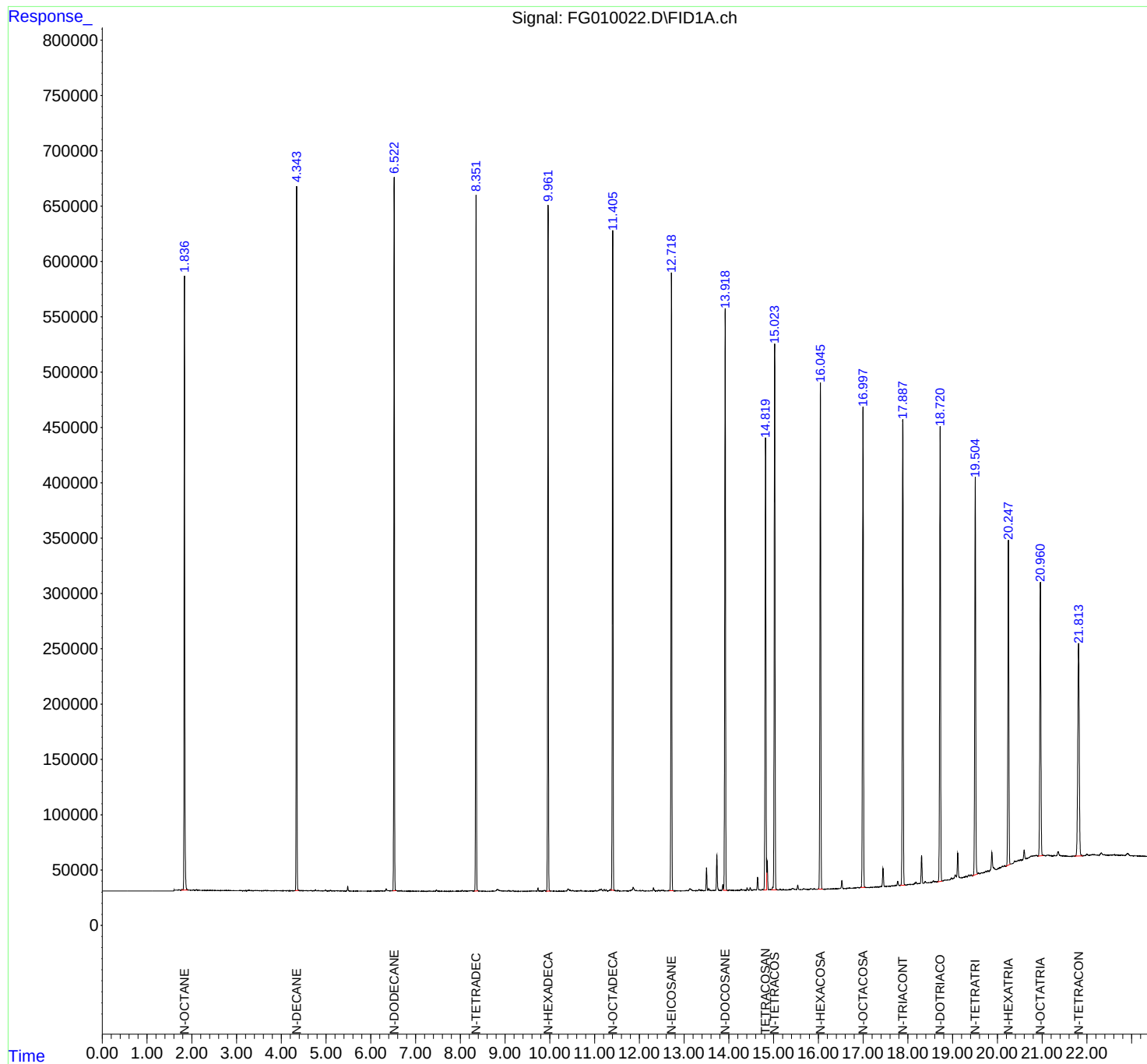
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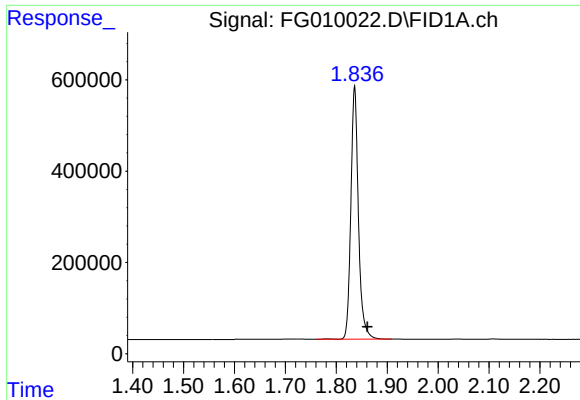
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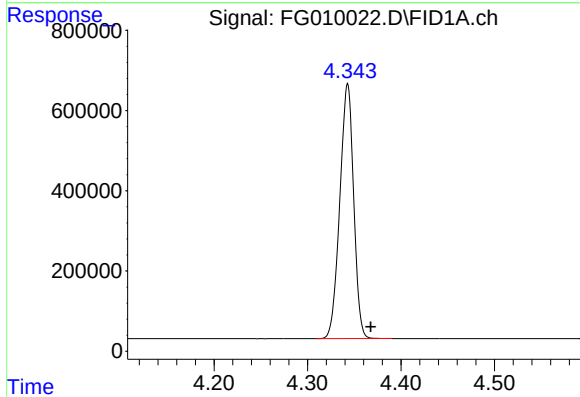
#1 N-OCTANE

R.T.: 1.836 min
Delta R.T.: -0.025 min
Response: 5723495
Conc: 45.68 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

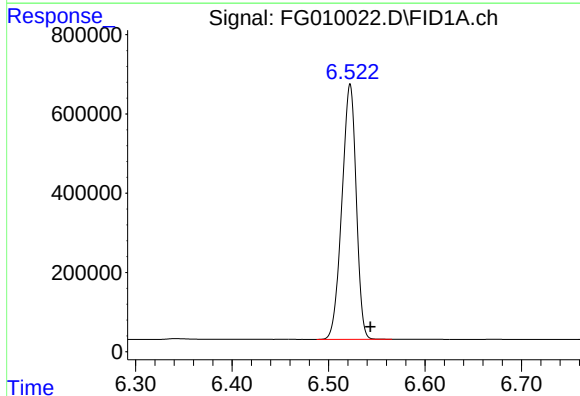
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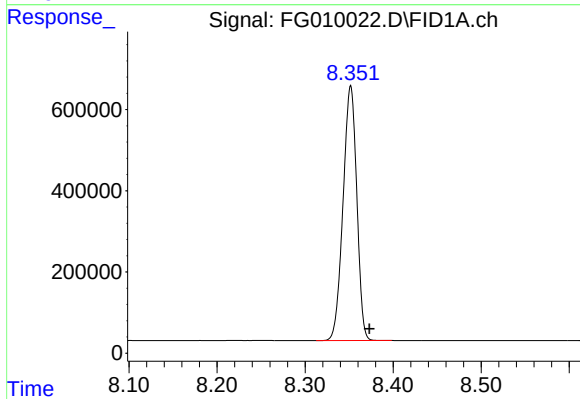
#2 N-DECANE

R.T.: 4.343 min
Delta R.T.: -0.025 min
Response: 6541843
Conc: 51.80 ug/ml



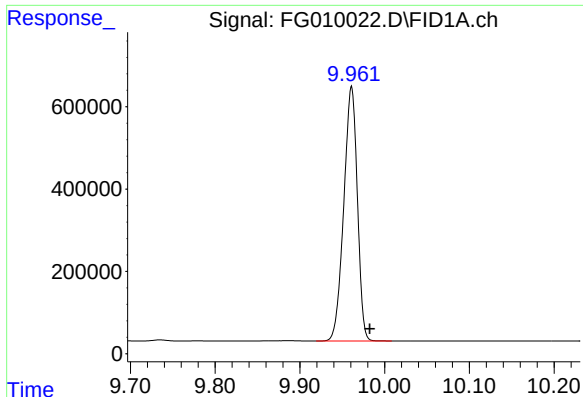
#3 N-DODECANE

R.T.: 6.522 min
Delta R.T.: -0.021 min
Response: 6655316
Conc: 52.75 ug/ml



#4 N-TETRADECANE

R.T.: 8.352 min
Delta R.T.: -0.021 min
Response: 6797847
Conc: 53.50 ug/ml



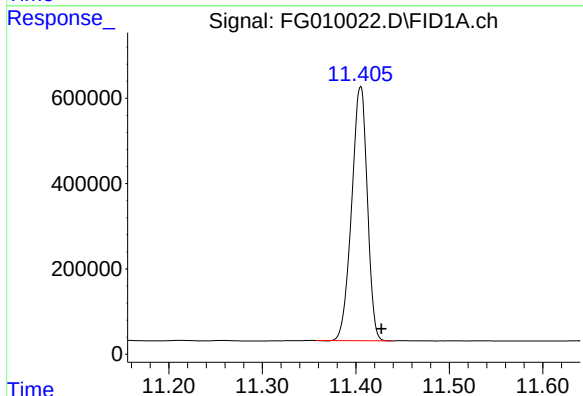
#5 N-HEXADECANE

R.T.: 9.961 min
Delta R.T.: -0.022 min
Response: 6879847
Conc: 54.55 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

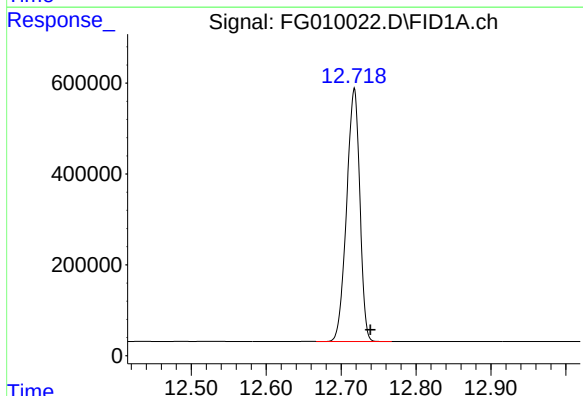
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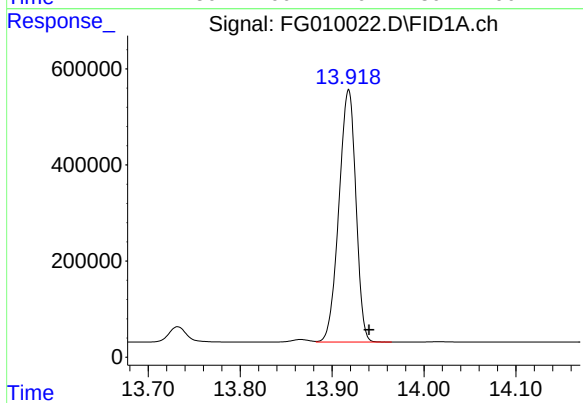
#6 N-OCTADECANE

R.T.: 11.405 min
Delta R.T.: -0.022 min
Response: 6940167
Conc: 54.99 ug/ml



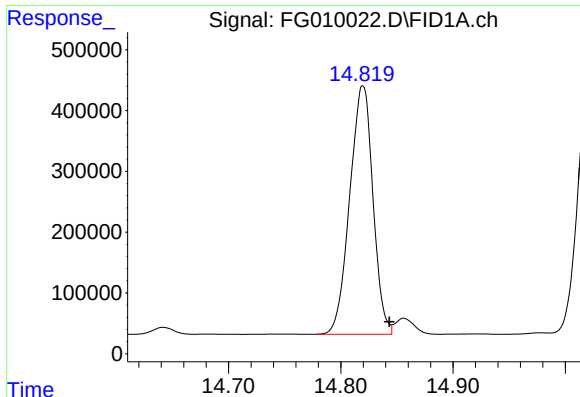
#7 N-EICOSANE

R.T.: 12.718 min
Delta R.T.: -0.021 min
Response: 6817611
Conc: 55.74 ug/ml



#8 N-DOCOSANE

R.T.: 13.918 min
Delta R.T.: -0.022 min
Response: 6731225
Conc: 55.82 ug/ml



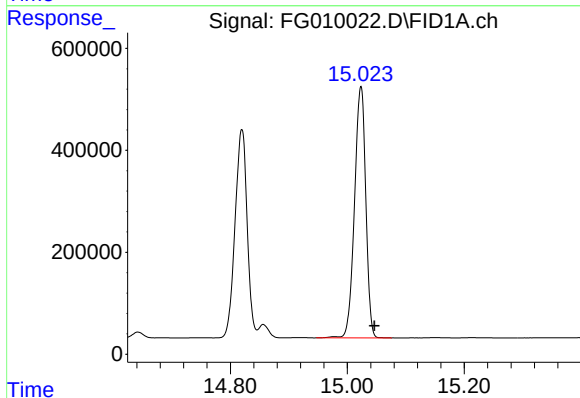
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.819 min
Delta R.T.: -0.024 min
Response: 5879224
Conc: 55.86 ug/ml

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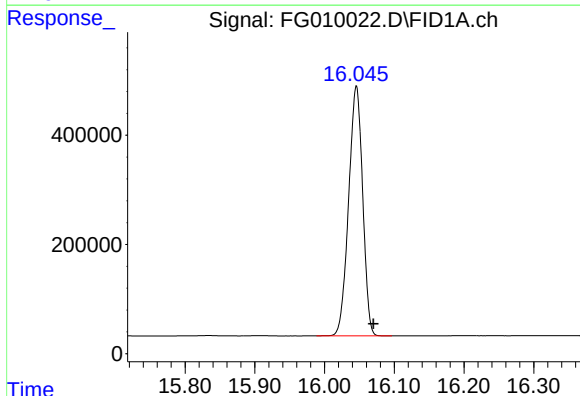
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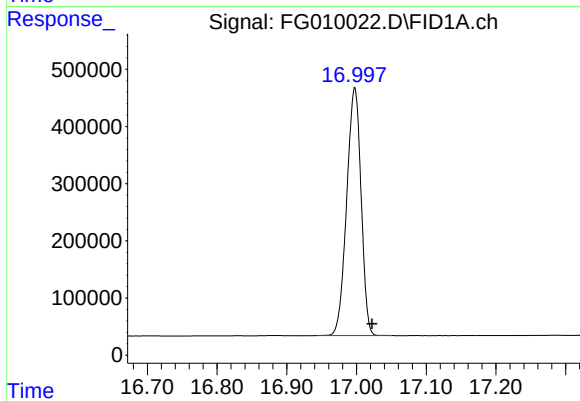
#10 N-TETRACOSANE

R.T.: 15.023 min
Delta R.T.: -0.023 min
Response: 6592791
Conc: 56.25 ug/ml



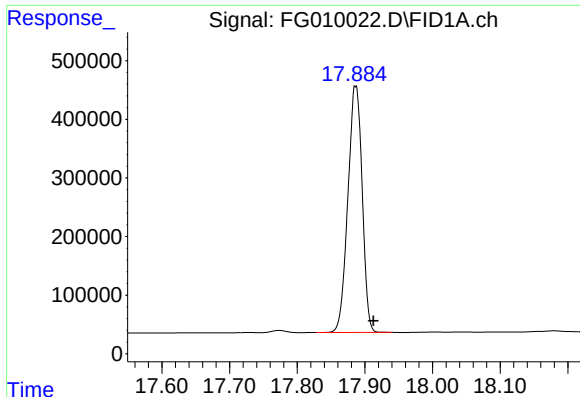
#11 N-HEXACOSANE

R.T.: 16.046 min
Delta R.T.: -0.024 min
Response: 6384828
Conc: 56.28 ug/ml



#12 N-OCTACOSANE

R.T.: 16.998 min
Delta R.T.: -0.025 min
Response: 6217678
Conc: 54.34 ug/ml



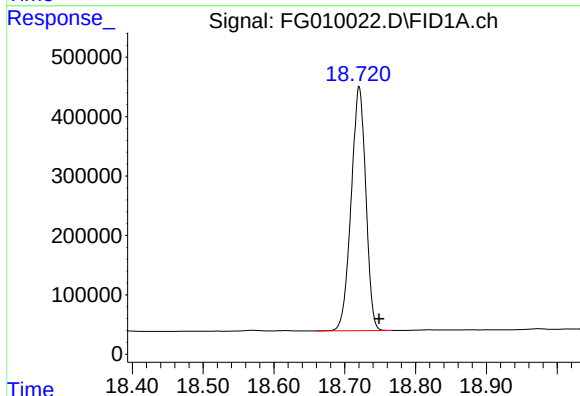
#13 N-TRIACONTANE

R.T.: 17.886 min
Delta R.T.: -0.026 min
Response: 6178571
Conc: 57.38 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

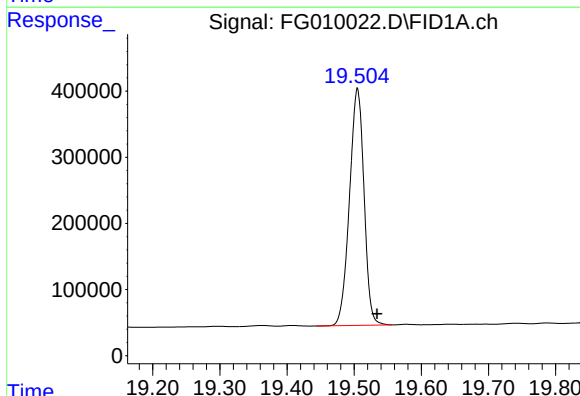
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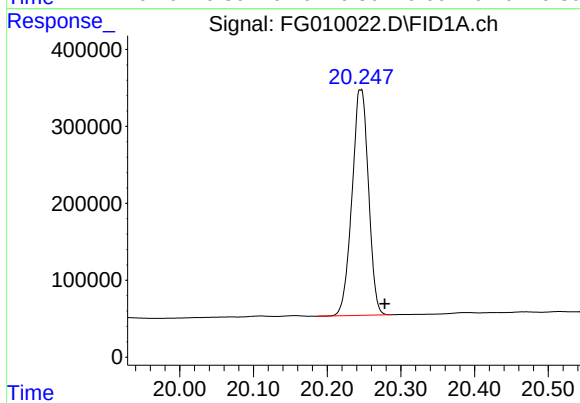
#14 N-DOTRIACONTANE

R.T.: 18.720 min
Delta R.T.: -0.028 min
Response: 5899928
Conc: 56.05 ug/ml



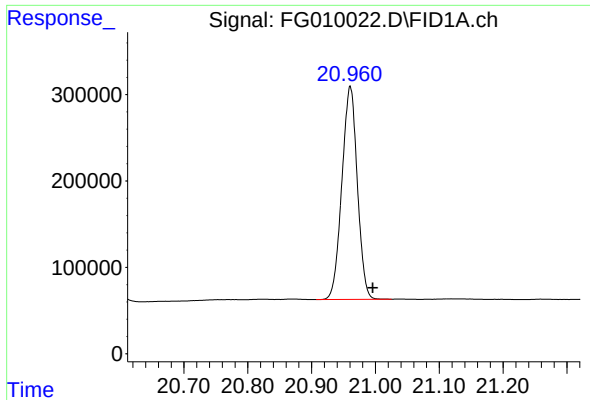
#15 N-TETRATRIACONTANE

R.T.: 19.505 min
Delta R.T.: -0.029 min
Response: 5382329
Conc: 56.06 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.246 min
Delta R.T.: -0.032 min
Response: 4547739
Conc: 56.27 ug/ml



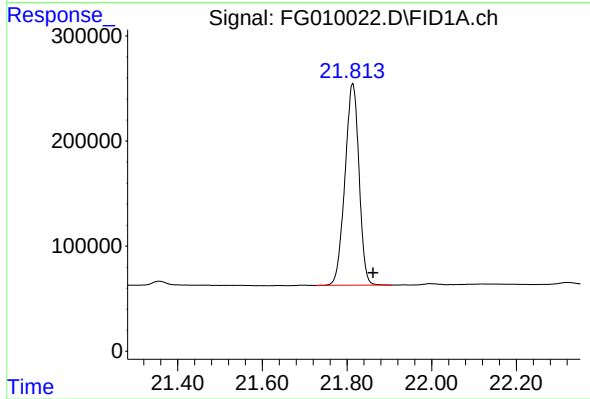
#17 N-OCTATRIACONTANE

R.T.: 20.961 min
Delta R.T.: -0.035 min
Response: 4150333
Conc: 57.79 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.813 min
Delta R.T.: -0.048 min
Response: 4428320
Conc: 63.06 ug/ml