

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF060923\
 Data File : FF012852.D
 Signal(s) : FID2B.ch
 Acq On : 09 Jun 2023 12:03
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/12/2023
 Supervised By :Ankita Jodhani 06/12/2023

Integration File: autoint1.e
 Quant Time: Jun 09 23:24:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF060223.M
 Quant Title :
 QLast Update : Fri Jun 02 06:12:01 2023
 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...	14.967	5853235	50.123 ug/mlm
Target Compounds			
1) N-OCTANE	2.021	6300571	48.708 ug/ml
2) N-DECANE	4.535	6973342	52.649 ug/ml
3) N-DODECANE	6.699	6847801	52.545 ug/ml
4) N-TETRADECANE	8.524	6748970	52.133 ug/ml
5) N-HEXADECANE	10.128	6857462	51.171 ug/ml
6) N-OCTADECANE	11.568	6897821	50.232 ug/ml
7) N-EICOSANE	12.875	6854618	50.048 ug/ml
8) N-DOCOSANE	14.071	6628926	50.142 ug/ml
10) N-TETRACOSANE	15.172	6628961	50.158 ug/ml
11) N-HEXACOSANE	16.191	6513904	50.401 ug/ml
12) N-OCTACOSANE	17.139	6524292	50.907 ug/ml
13) N-TRIACONTANE	18.024	6565449	50.915 ug/ml
14) N-DOTRIACONTANE	18.854	6407275	50.691 ug/ml
15) N-TETRATRIACONTANE	19.638	5999025	50.496 ug/ml
16) N-HEXATRIACONTANE	20.377	5660624	47.135 ug/ml
17) N-OCTATRIACONTANE	21.103	5659253	48.647 ug/mlm
18) N-TETRACONTANE	21.993	5823014	46.802 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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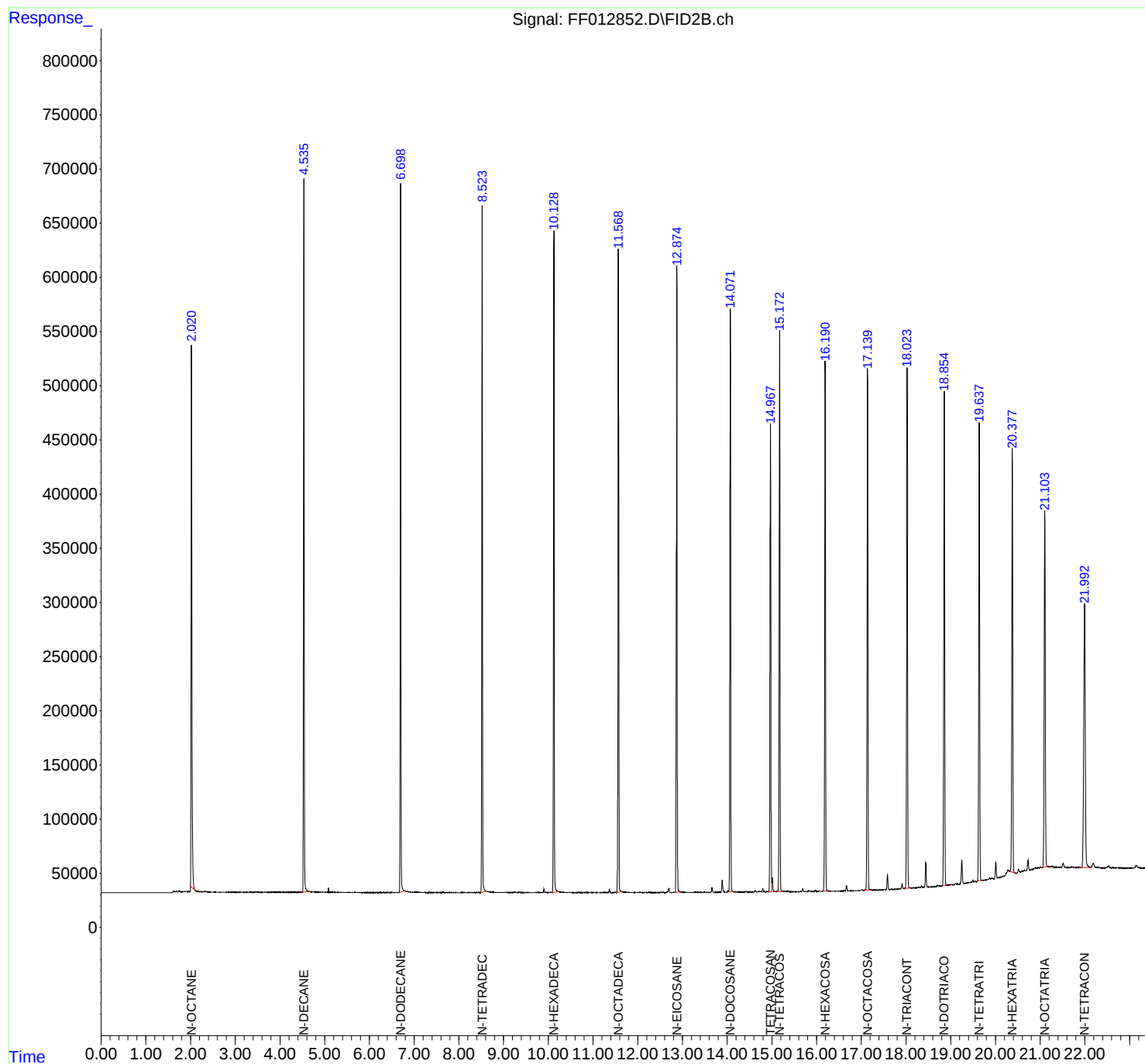
Instrument :
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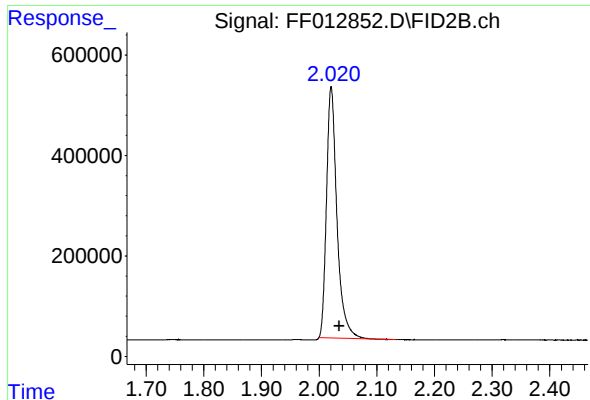
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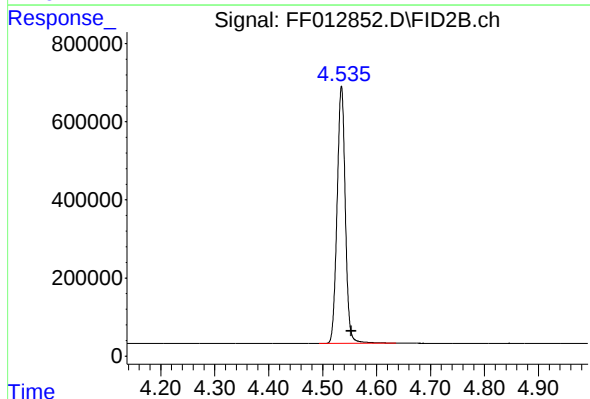
#1 N-OCTANE

R.T.: 2.021 min
Delta R.T.: -0.014 min
Response: 6300571
Conc: 48.71 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

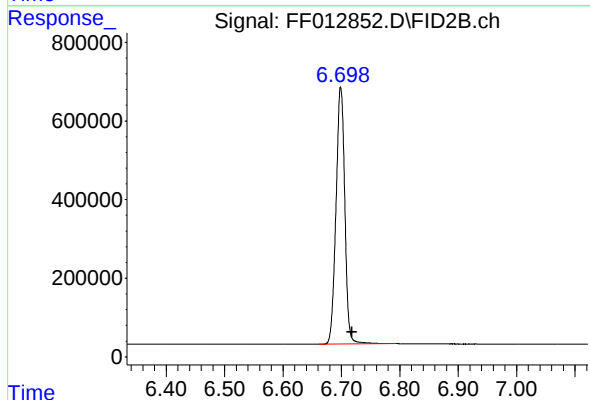
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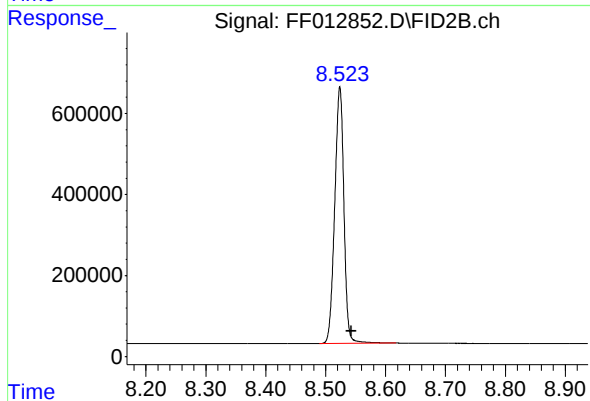
#2 N-DECANE

R.T.: 4.535 min
Delta R.T.: -0.019 min
Response: 6973342
Conc: 52.65 ug/ml



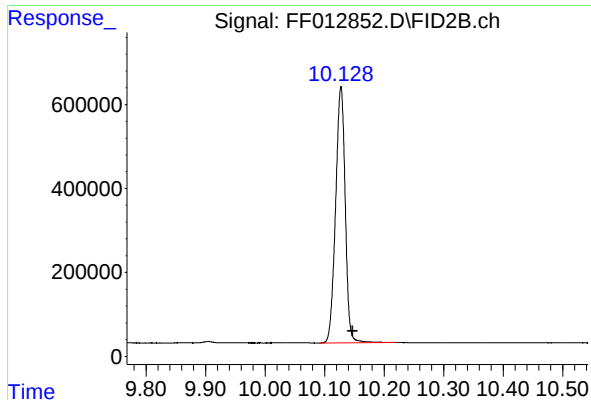
#3 N-DODECANE

R.T.: 6.699 min
Delta R.T.: -0.020 min
Response: 6847801
Conc: 52.54 ug/ml



#4 N-TETRADECANE

R.T.: 8.524 min
Delta R.T.: -0.019 min
Response: 6748970
Conc: 52.13 ug/ml



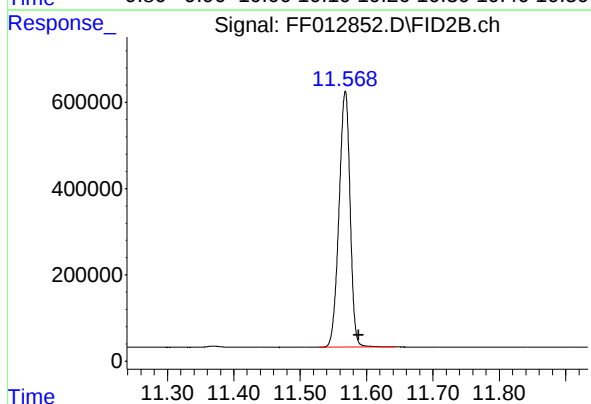
#5 N-HEXADECANE

R.T.: 10.128 min
Delta R.T.: -0.020 min
Response: 6857462
Conc: 51.17 ug/ml

Instrument :
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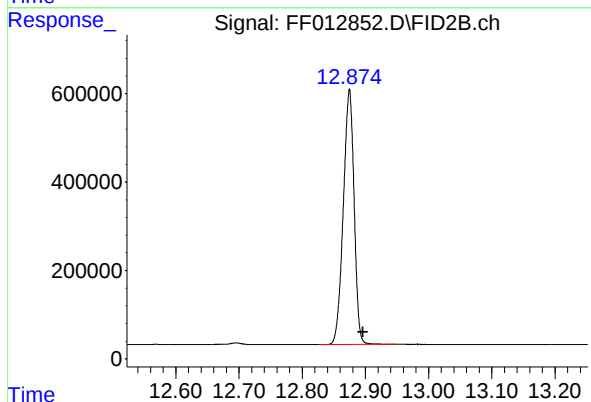
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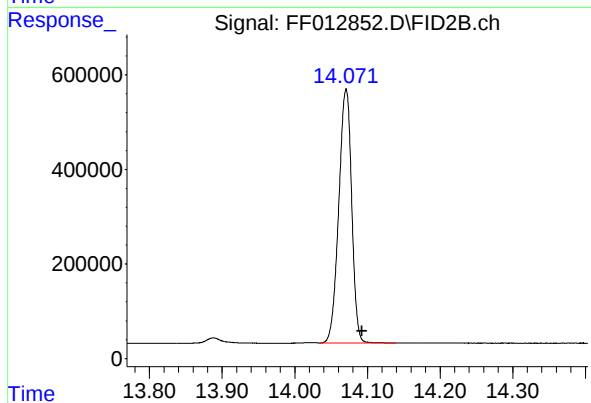
#6 N-OCTADECANE

R.T.: 11.568 min
Delta R.T.: -0.020 min
Response: 6897821
Conc: 50.23 ug/ml



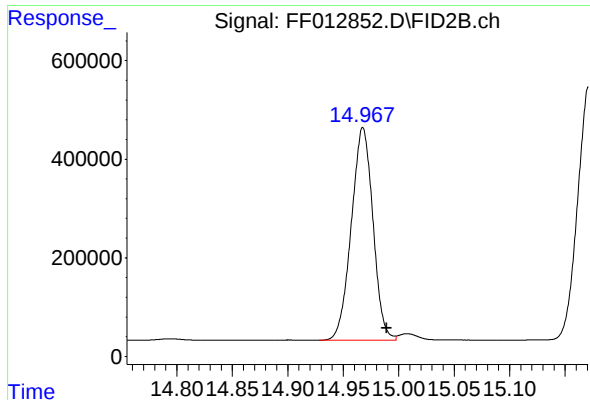
#7 N-EICOSANE

R.T.: 12.875 min
Delta R.T.: -0.021 min
Response: 6854618
Conc: 50.05 ug/ml



#8 N-DOCOSANE

R.T.: 14.071 min
Delta R.T.: -0.022 min
Response: 6628926
Conc: 50.14 ug/ml



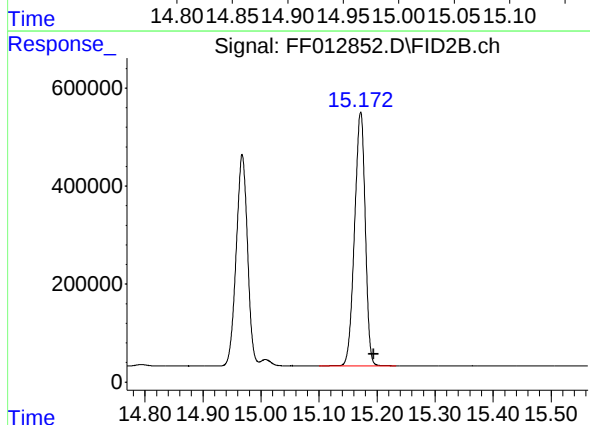
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.967 min
Delta R.T.: -0.022 min
Response: 5853235
Conc: 50.12 ug/ml

Instrument :
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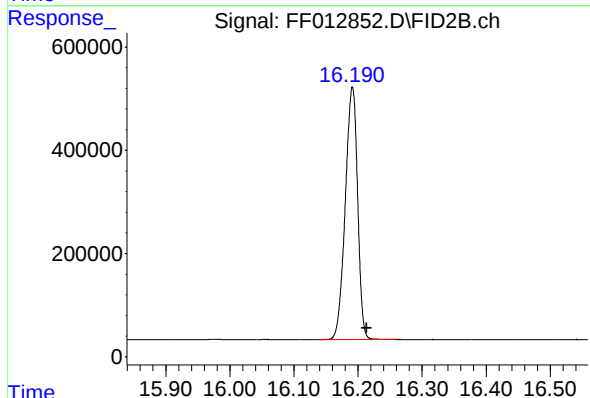
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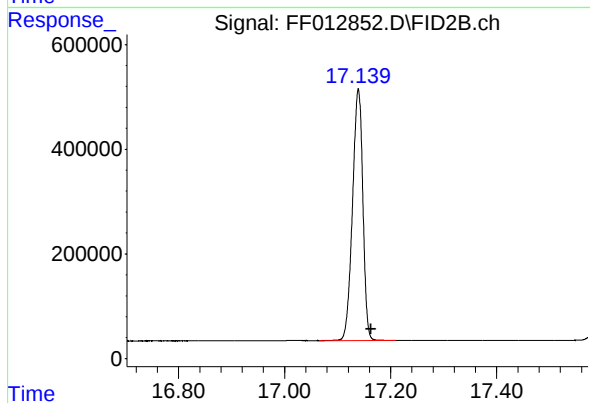
#10 N-TETRACOSANE

R.T.: 15.172 min
Delta R.T.: -0.023 min
Response: 6628961
Conc: 50.16 ug/ml



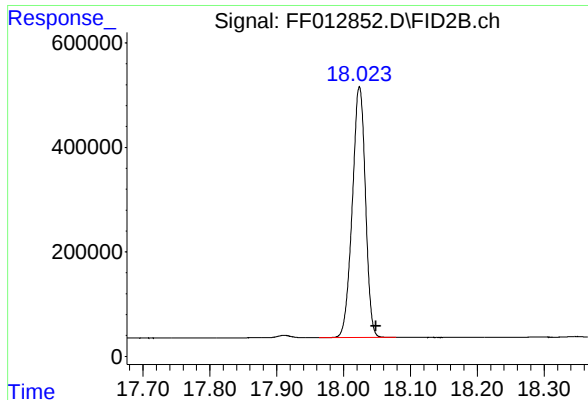
#11 N-HEXACOSANE

R.T.: 16.191 min
Delta R.T.: -0.022 min
Response: 6513904
Conc: 50.40 ug/ml



#12 N-OCTACOSANE

R.T.: 17.139 min
Delta R.T.: -0.024 min
Response: 6524292
Conc: 50.91 ug/ml



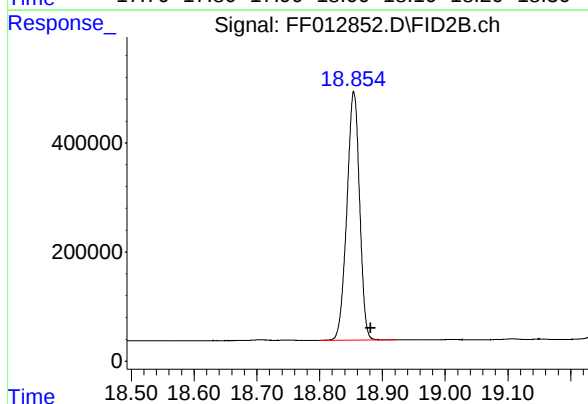
#13 N-TRIACONTANE

R.T.: 18.024 min
Delta R.T.: -0.025 min
Response: 6565449
Conc: 50.92 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

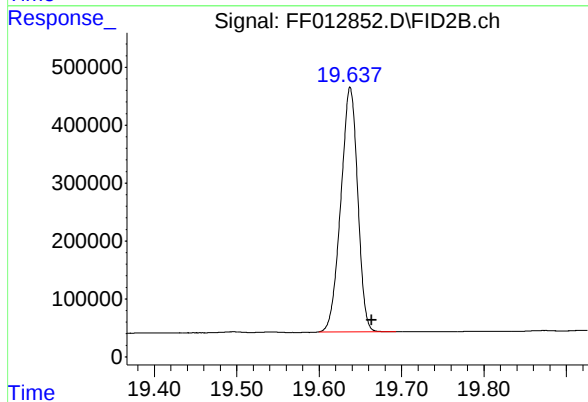
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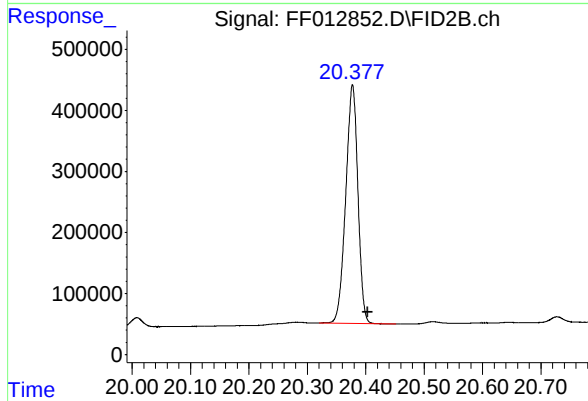
#14 N-DOTRIACONTANE

R.T.: 18.854 min
Delta R.T.: -0.027 min
Response: 6407275
Conc: 50.69 ug/ml



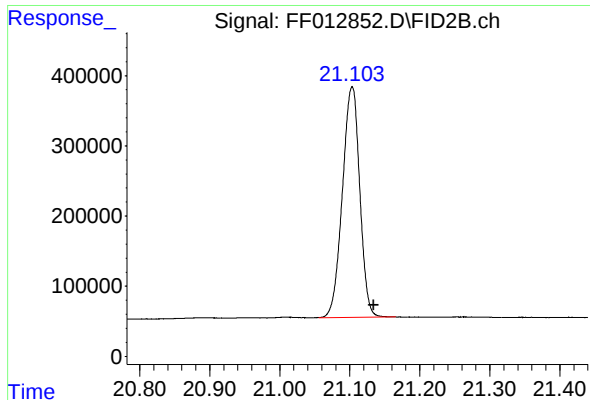
#15 N-TETRATRIACONTANE

R.T.: 19.638 min
Delta R.T.: -0.026 min
Response: 5999025
Conc: 50.50 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.377 min
Delta R.T.: -0.026 min
Response: 5660624
Conc: 47.13 ug/ml



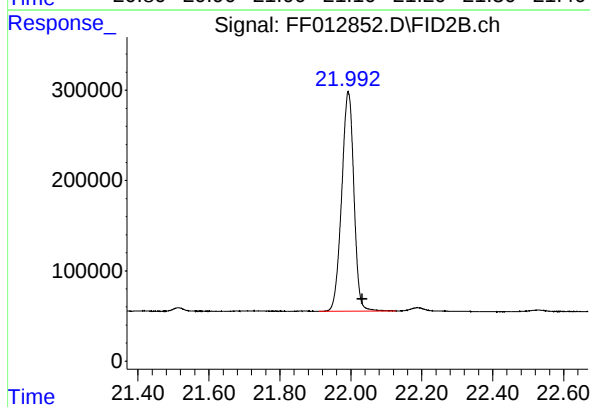
#17 N-OCTATRIACONTANE

R.T.: 21.103 min
Delta R.T.: -0.031 min
Response: 5659253
Conc: 48.65 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.993 min
Delta R.T.: -0.040 min
Response: 5823014
Conc: 46.80 ug/ml