

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111522\
 Data File : FF011737.D
 Signal(s) : FID2B.ch
 Acq On : 15 Nov 2022 14:10
 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 11/16/2022
 Supervised By :Ankita Jodhani 11/16/2022

Integration File: autoint1.e
 Quant Time: Nov 16 04:35:15 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF110422.M
 Quant Title :
 QLast Update : Fri Nov 04 14:11:34 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...	15.058	5347234	45.069 ug/ml
Target Compounds			
1) N-OCTANE	2.089	6311006	49.372 ug/ml
2) N-DECANE	4.614	6611363	50.092 ug/ml
3) N-DODECANE	6.776	6693380	49.800 ug/ml
4) N-TETRADECANE	8.602	6680620	49.366 ug/ml
5) N-HEXADECANE	10.208	6718175	48.868 ug/ml
6) N-OCTADECANE	11.651	6647974	48.061 ug/ml
7) N-EICOSANE	12.960	6487904	46.912 ug/ml
8) N-DOCOSANE	14.158	6194019	45.890 ug/ml
10) N-TETRACOSANE	15.261	6081546	44.845 ug/ml
11) N-HEXACOSANE	16.282	5871228	43.945 ug/ml
12) N-OCTACOSANE	17.232	5741792	43.341 ug/ml
13) N-TRIACONTANE	18.119	5728746	43.437 ug/ml
14) N-DOTRIACONTANE	18.953	5876735	43.660 ug/mlm
15) N-TETRATRIACONTANE	19.737	6226965	47.282 ug/mlm
16) N-HEXATRIACONTANE	20.477	6352388	51.574 ug/mlm
17) N-OCTATRIACONTANE	21.221	6633608	56.973 ug/ml
18) N-TETRACONTANE	22.150	7061782	64.936 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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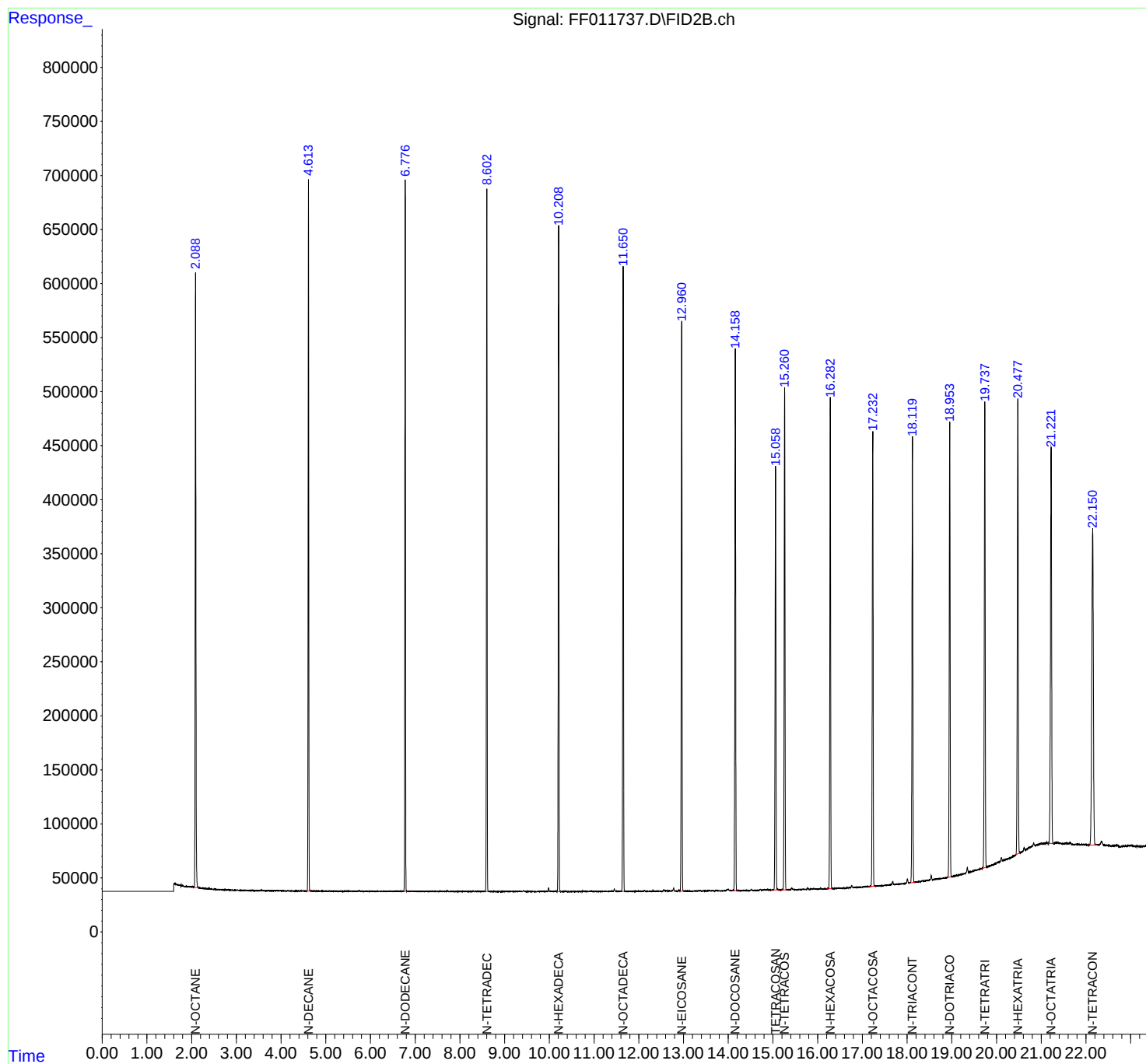
Instrument :
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50 PPM TRPH STD

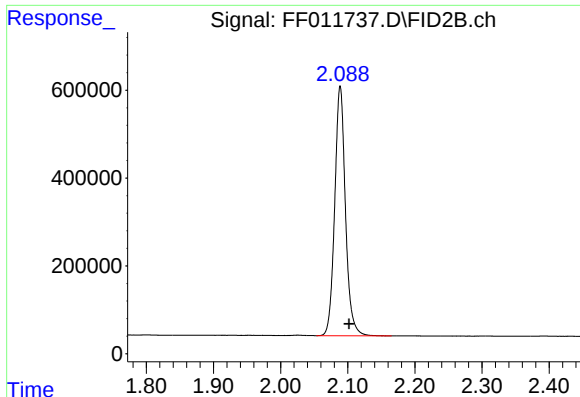
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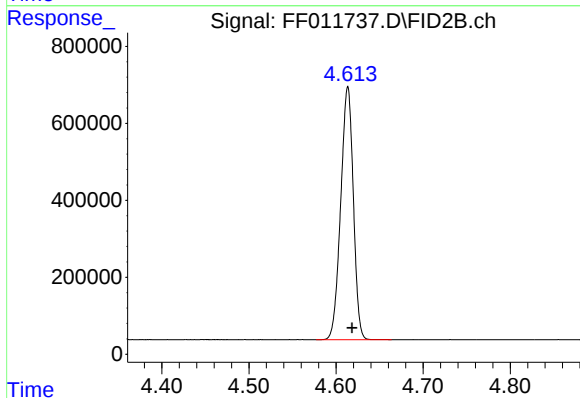
#1 N-OCTANE

R.T.: 2.089 min
Delta R.T.: -0.013 min
Response: 6311006
Conc: 49.37 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

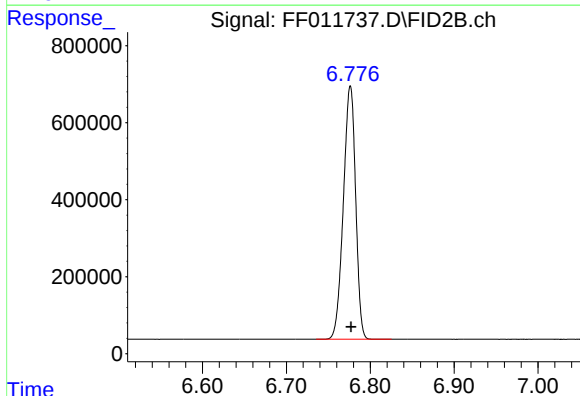
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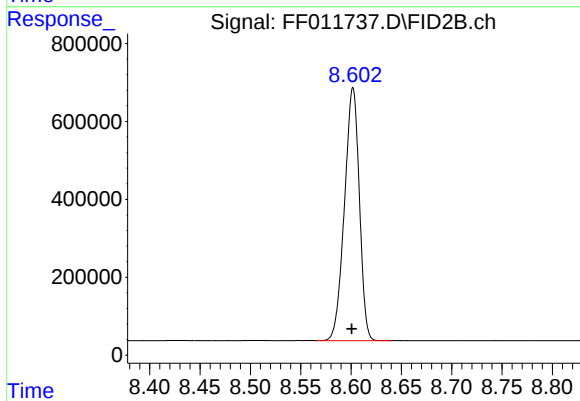
#2 N-DECANE

R.T.: 4.614 min
Delta R.T.: -0.005 min
Response: 6611363
Conc: 50.09 ug/ml



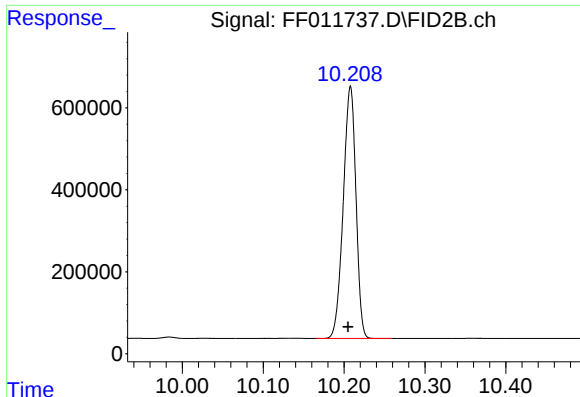
#3 N-DODECANE

R.T.: 6.776 min
Delta R.T.: 0.000 min
Response: 6693380
Conc: 49.80 ug/ml



#4 N-TETRADECANE

R.T.: 8.602 min
Delta R.T.: 0.001 min
Response: 6680620
Conc: 49.37 ug/ml



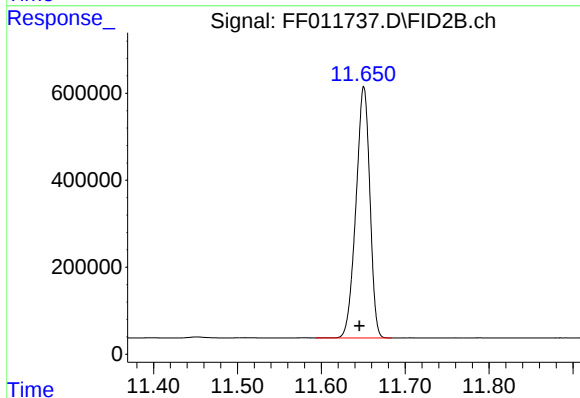
#5 N-HEXADECANE

R.T.: 10.208 min
Delta R.T.: 0.003 min
Response: 6718175
Conc: 48.87 ug/ml

Instrument :
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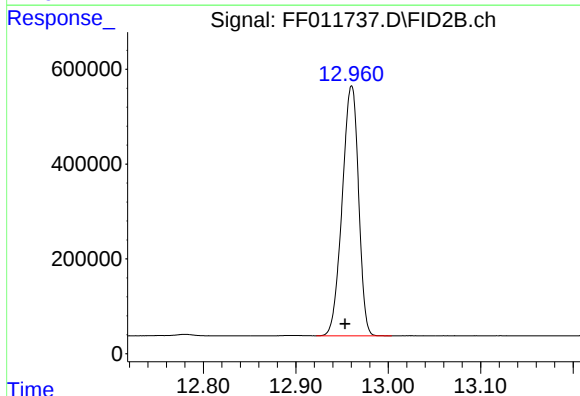
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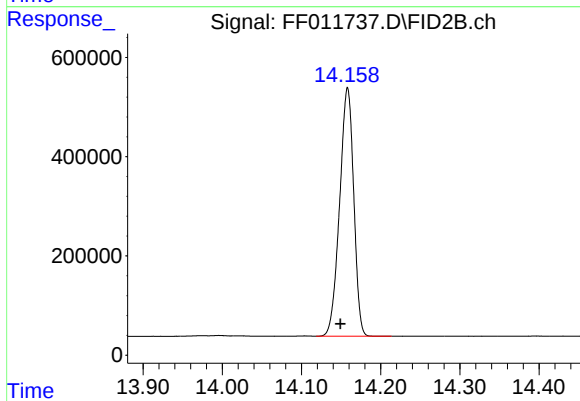
#6 N-OCTADECANE

R.T.: 11.651 min
Delta R.T.: 0.005 min
Response: 6647974
Conc: 48.06 ug/ml



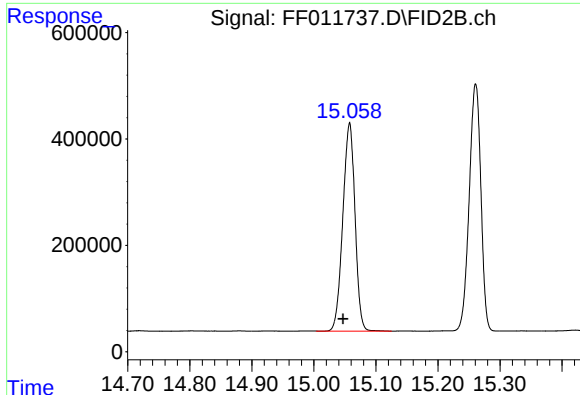
#7 N-EICOSANE

R.T.: 12.960 min
Delta R.T.: 0.007 min
Response: 6487904
Conc: 46.91 ug/ml



#8 N-DOCOSANE

R.T.: 14.158 min
Delta R.T.: 0.009 min
Response: 6194019
Conc: 45.89 ug/ml



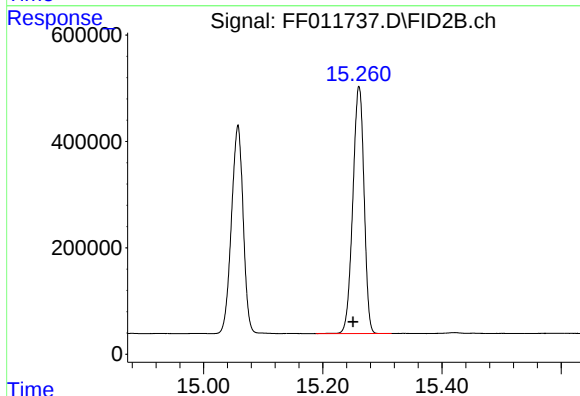
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.058 min
Delta R.T.: 0.011 min
Response: 5347234
Conc: 45.07 ug/ml

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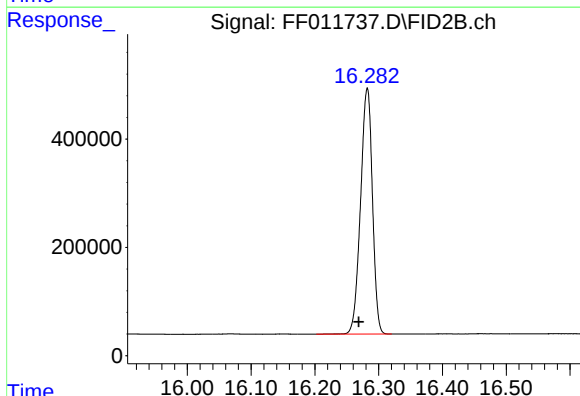
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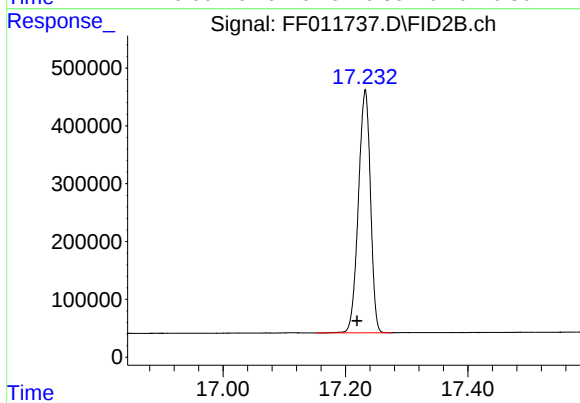
#10 N-TETRACOSANE

R.T.: 15.261 min
Delta R.T.: 0.010 min
Response: 6081546
Conc: 44.85 ug/ml



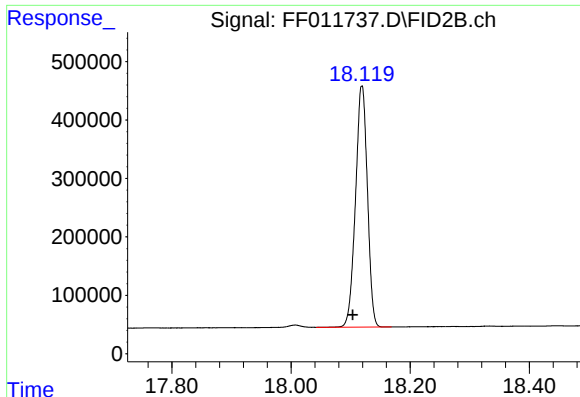
#11 N-HEXACOSANE

R.T.: 16.282 min
Delta R.T.: 0.013 min
Response: 5871228
Conc: 43.94 ug/ml



#12 N-OCTACOSANE

R.T.: 17.232 min
Delta R.T.: 0.014 min
Response: 5741792
Conc: 43.34 ug/ml



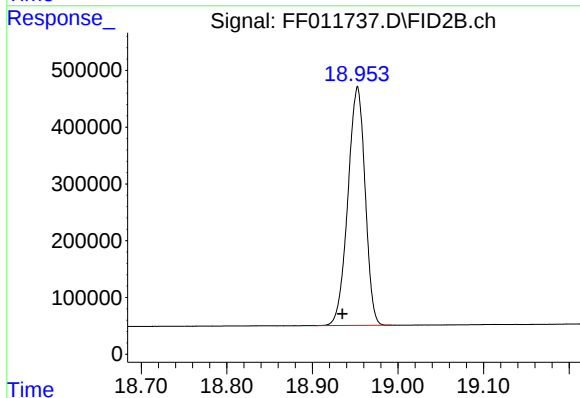
#13 N-TRIACONTANE

R.T.: 18.119 min
Delta R.T.: 0.015 min
Response: 5728746
Conc: 43.44 ug/ml

Instrument :
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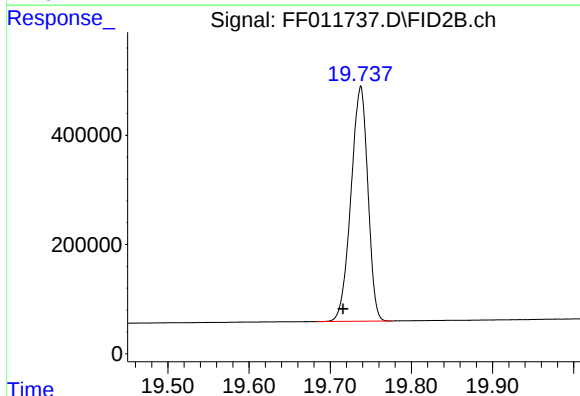
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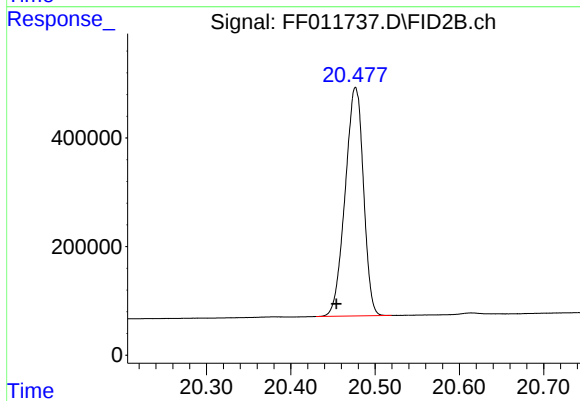
#14 N-DOTRIACONTANE

R.T.: 18.953 min
Delta R.T.: 0.017 min
Response: 5876735
Conc: 43.66 ug/ml m



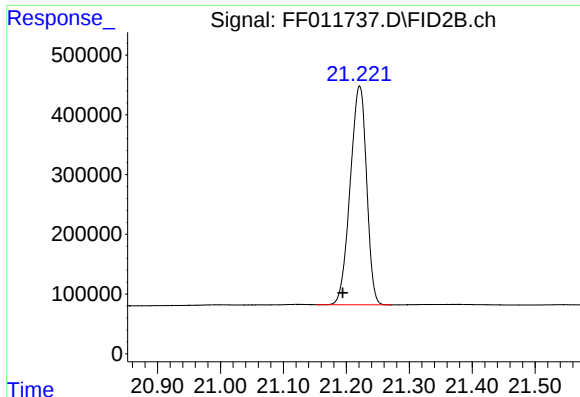
#15 N-TETRATRIACONTANE

R.T.: 19.737 min
Delta R.T.: 0.021 min
Response: 6226965
Conc: 47.28 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.477 min
Delta R.T.: 0.023 min
Response: 6352388
Conc: 51.57 ug/ml m



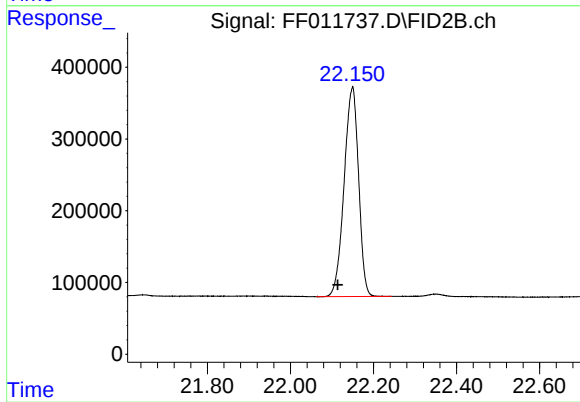
#17 N-OCTATRIACONTANE

R.T.: 21.221 min
Delta R.T.: 0.027 min
Response: 6633608
Conc: 56.97 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.150 min
Delta R.T.: 0.036 min
Response: 7061782
Conc: 64.94 ug/ml