

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111522\
 Data File : FF011730.D
 Signal(s) : FID2B.ch
 Acq On : 15 Nov 2022 10:39
 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 04:33:37 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	5227172	44.057 ug/ml
Target Compounds			
1) N-OCTANE	2.090	6384376	49.946 ug/ml
2) N-DECANE	4.614	6634662	50.268 ug/ml
3) N-DODECANE	6.776	6675295	49.666 ug/ml
4) N-TETRADECANE	8.602	6626381	48.965 ug/ml
5) N-HEXADECANE	10.208	6626976	48.205 ug/ml
6) N-OCTADECANE	11.651	6525385	47.174 ug/ml
7) N-EICOSANE	12.960	6345942	45.886 ug/ml
8) N-DOCOSANE	14.158	6061653	44.909 ug/ml
10) N-TETRACOSANE	15.262	5943685	43.829 ug/ml
11) N-HEXACOSANE	16.283	5744068	42.993 ug/ml
12) N-OCTACOSANE	17.233	5648805	42.639 ug/ml
13) N-TRIACONTANE	18.120	5648615	42.830 ug/ml
14) N-DOTRIACONTANE	18.953	5835777	43.356 ug/ml
15) N-TETRATRIACONTANE	19.737	6214129	47.184 ug/ml
16) N-HEXATRIACONTANE	20.476	6371314	51.728 ug/mlm
17) N-OCTATRIACONTANE	21.221	6680062	57.372 ug/mlm
18) N-TETRACONTANE	22.150	7074892	65.056 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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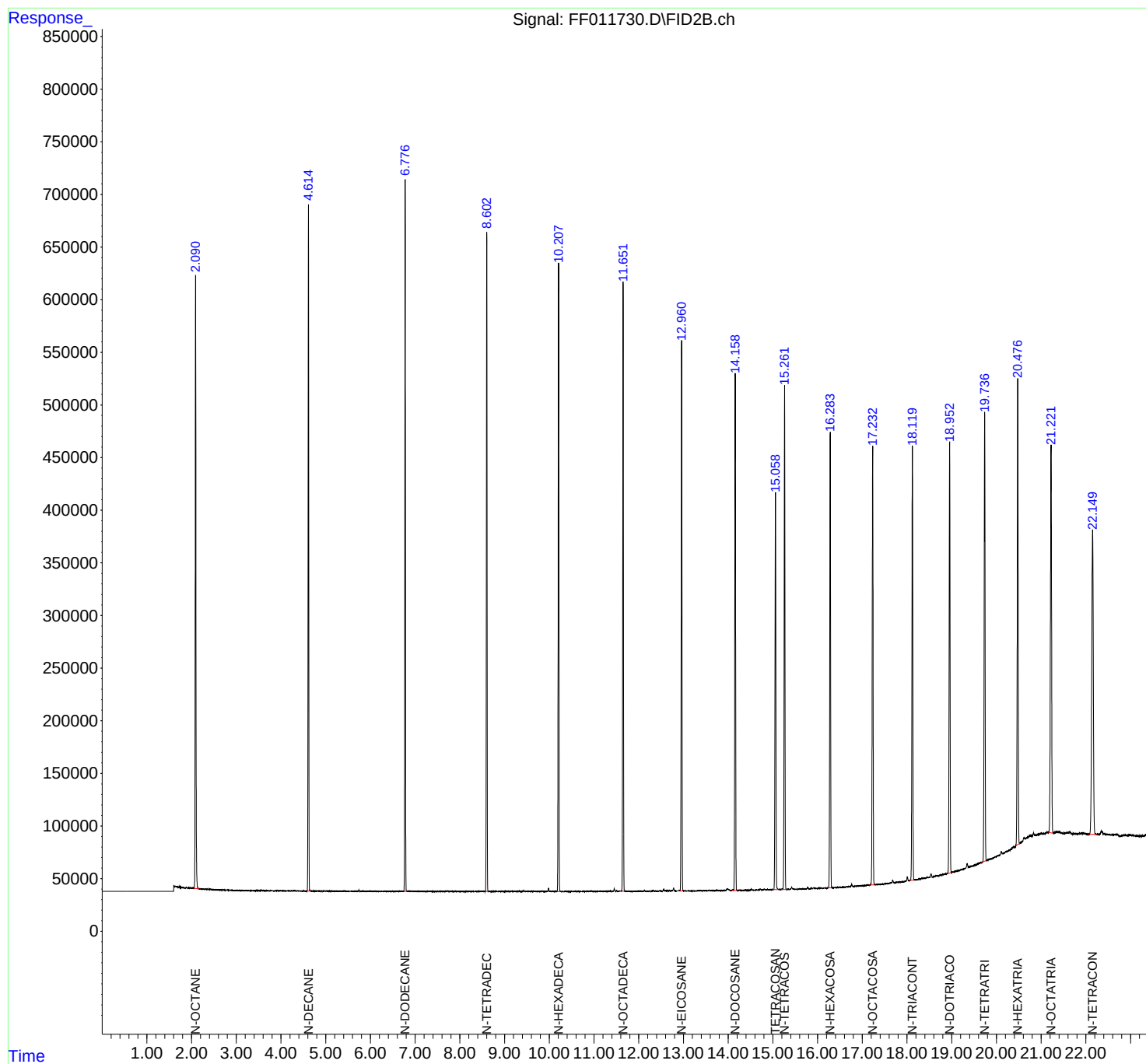
Instrument :
FID_F
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50 PPM TRPH STD

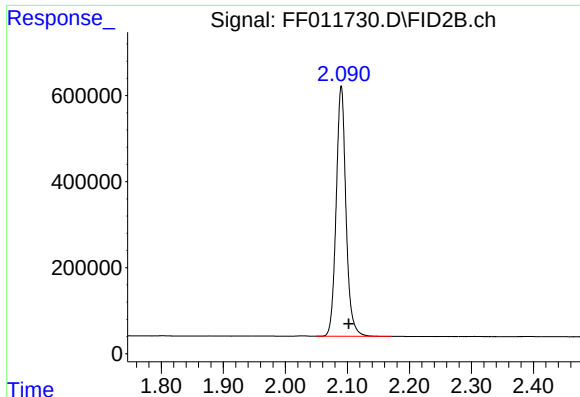
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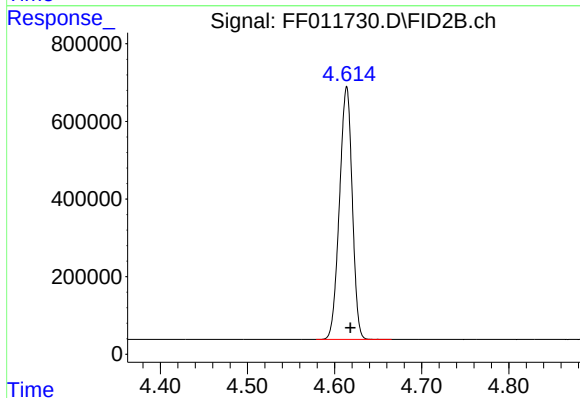
#1 N-OCTANE

R.T.: 2.090 min
Delta R.T.: -0.012 min
Response: 6384376
Conc: 49.95 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

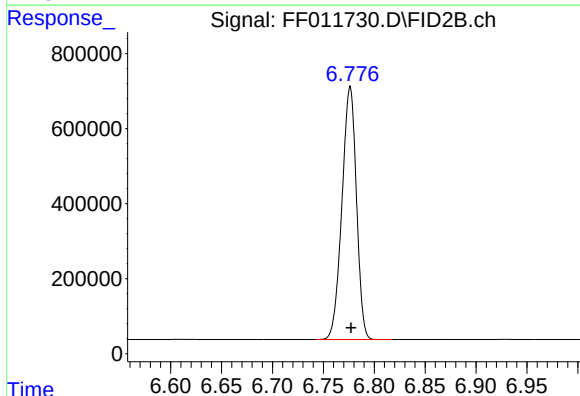
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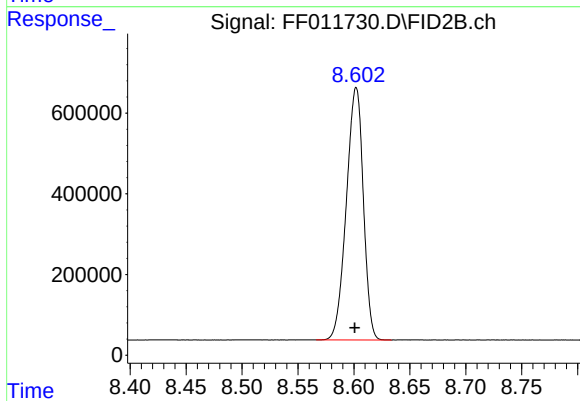
#2 N-DECANE

R.T.: 4.614 min
Delta R.T.: -0.004 min
Response: 6634662
Conc: 50.27 ug/ml



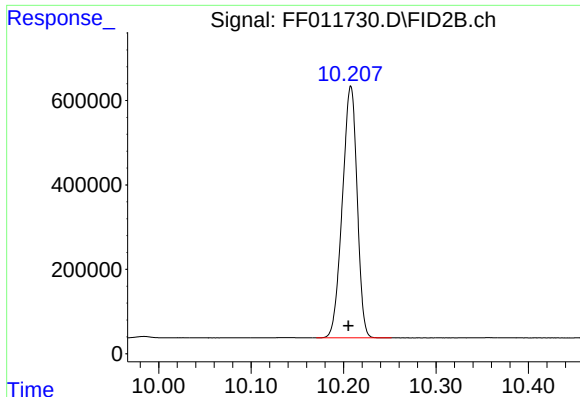
#3 N-DODECANE

R.T.: 6.776 min
Delta R.T.: 0.000 min
Response: 6675295
Conc: 49.67 ug/ml



#4 N-TETRADECANE

R.T.: 8.602 min
Delta R.T.: 0.001 min
Response: 6626381
Conc: 48.97 ug/ml



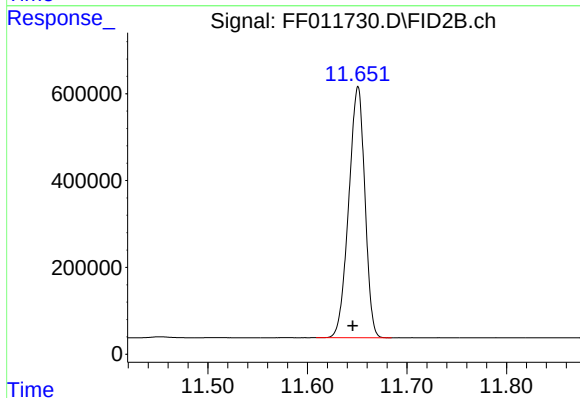
#5 N-HEXADECANE

R.T.: 10.208 min
Delta R.T.: 0.003 min
Response: 6626976
Conc: 48.20 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

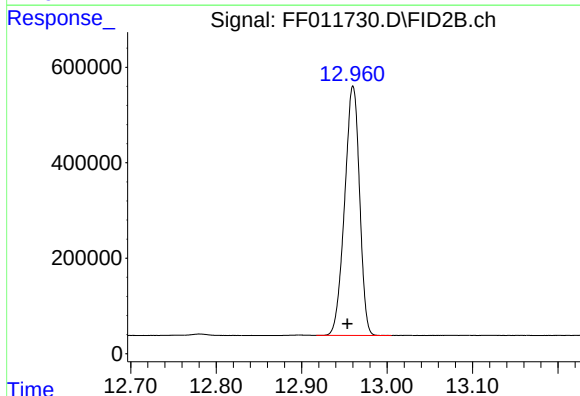
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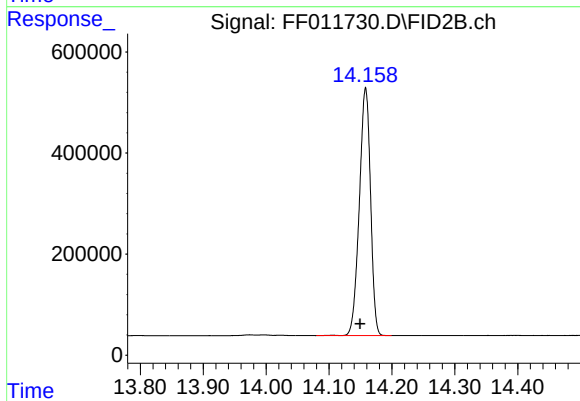
#6 N-OCTADECANE

R.T.: 11.651 min
Delta R.T.: 0.005 min
Response: 6525385
Conc: 47.17 ug/ml



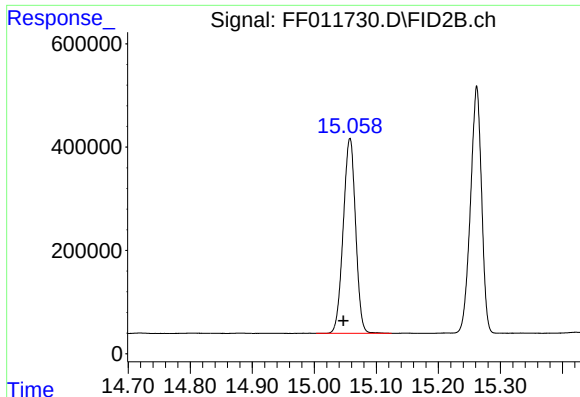
#7 N-EICOSANE

R.T.: 12.960 min
Delta R.T.: 0.007 min
Response: 6345942
Conc: 45.89 ug/ml



#8 N-DOCOSANE

R.T.: 14.158 min
Delta R.T.: 0.009 min
Response: 6061653
Conc: 44.91 ug/ml



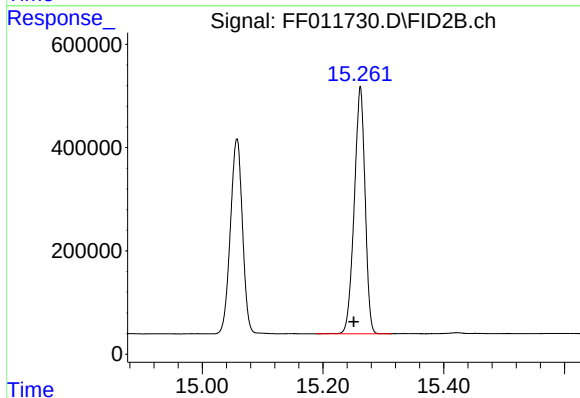
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.058 min
Delta R.T.: 0.011 min
Response: 5227172
Conc: 44.06 ug/ml

Instrument :
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50 PPM TRPH STD

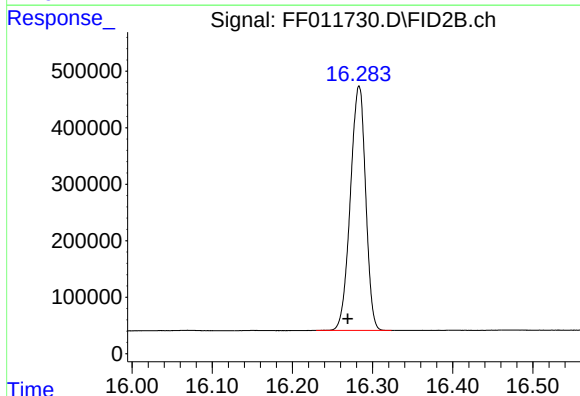
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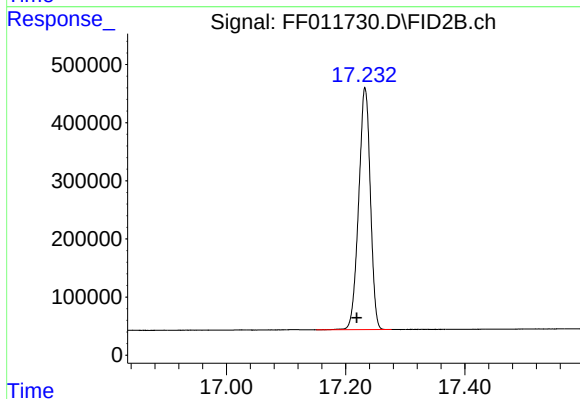
#10 N-TETRACOSANE

R.T.: 15.262 min
Delta R.T.: 0.011 min
Response: 5943685
Conc: 43.83 ug/ml



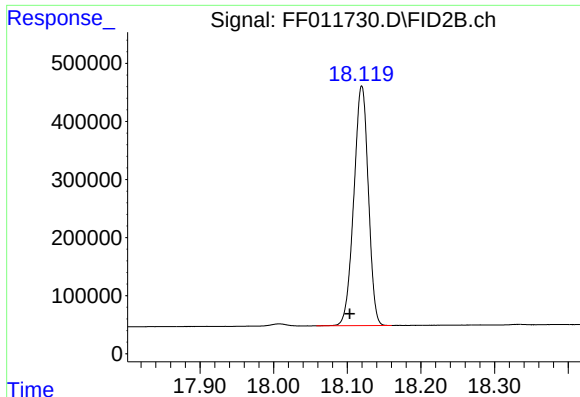
#11 N-HEXACOSANE

R.T.: 16.283 min
Delta R.T.: 0.014 min
Response: 5744068
Conc: 42.99 ug/ml



#12 N-OCTACOSANE

R.T.: 17.233 min
Delta R.T.: 0.014 min
Response: 5648805
Conc: 42.64 ug/ml



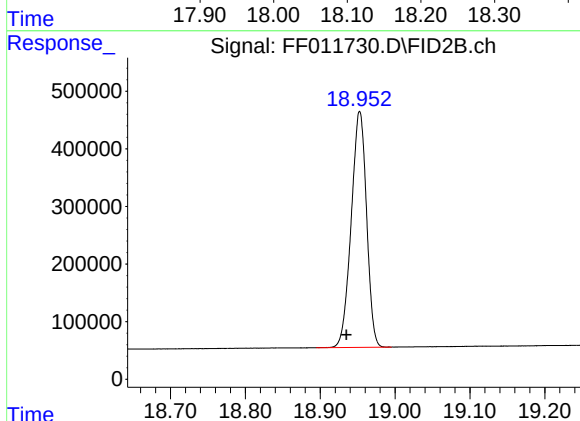
#13 N-TRIACONTANE

R.T.: 18.120 min
Delta R.T.: 0.016 min
Response: 5648615
Conc: 42.83 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

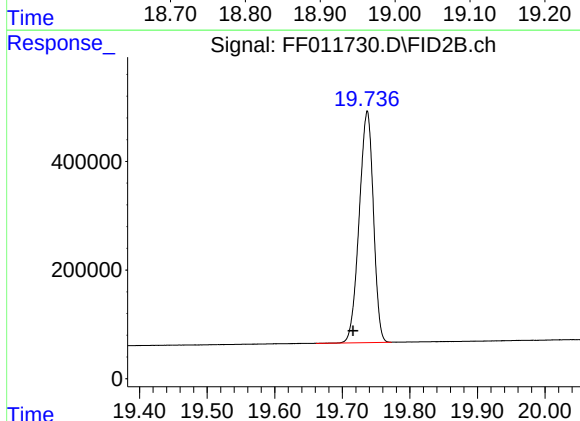
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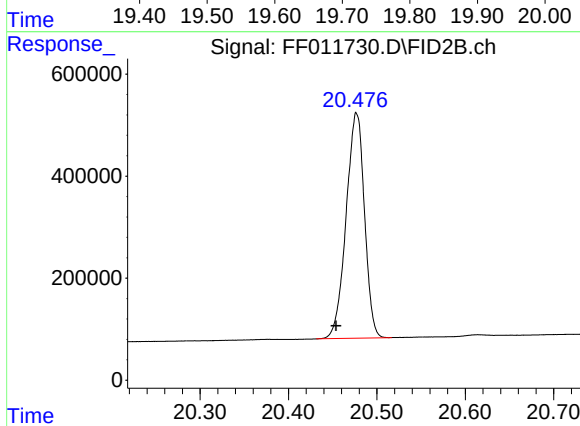
#14 N-DOTRIACONTANE

R.T.: 18.953 min
Delta R.T.: 0.018 min
Response: 5835777
Conc: 43.36 ug/ml



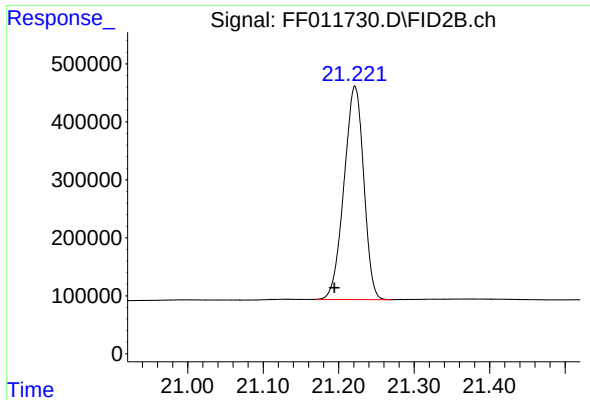
#15 N-TETRATRIACONTANE

R.T.: 19.737 min
Delta R.T.: 0.021 min
Response: 6214129
Conc: 47.18 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.476 min
Delta R.T.: 0.022 min
Response: 6371314
Conc: 51.73 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 21.221 min
Delta R.T.: 0.027 min
Response: 6680062
Conc: 57.37 ug/ml

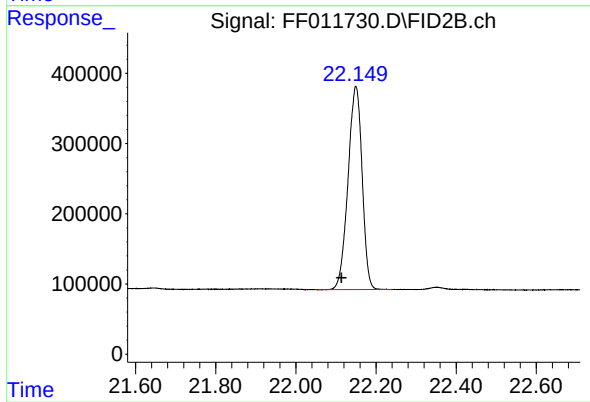
Instrument :

FID_F

ClientSampleId :
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#18 N-TETRACONTANE

R.T.: 22.150 min
Delta R.T.: 0.035 min
Response: 7074892
Conc: 65.06 ug/ml