

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF030819\
 Data File : FF003757.D
 Signal(s) : FID2B.ch
 Acq On : 08 Mar 2019 10:04
 Operator : AJ\SJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Mar 08 21:45:32 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF030119.M
 Quant Title :
 QLast Update : Mon Mar 04 08:35:38 2019
 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...	14.591	6660219	47.837 ug/ml
Target Compounds			
1) N-OCTANE	2.229	8682922	56.558 ug/ml
2) N-DECANE	4.320	8866608	57.643 ug/ml
3) N-DODECANE	6.342	8836930	56.624 ug/ml
4) N-TETRADECANE	8.135	8806953	54.929 ug/ml
5) N-HEXADECANE	9.736	8662183	53.184 ug/ml
6) N-OCTADECANE	11.178	8455656	51.322 ug/ml
7) N-EICOSANE	12.489	8121877	49.647 ug/ml
8) N-DOCOSANE	13.690	7789359	48.264 ug/ml
10) N-TETRACOSANE	14.796	7497591	47.387 ug/ml
11) N-HEXACOSANE	15.819	7292199	47.247 ug/ml
12) N-OCTACOSANE	16.772	7210759	47.717 ug/ml
13) N-TRIACONTANE	17.662	7209887	49.014 ug/ml
14) N-DOTRIACONTANE	18.497	7215720	50.740 ug/ml
15) N-TETRATRIACONTANE	19.283	7047354	52.633 ug/ml
16) N-HEXATRIACONTANE	20.028	6968174	53.404 ug/ml
17) N-OCTATRIACONTANE	20.759	6406347	55.484 ug/ml
18) N-TETRACONTANE	21.643	7082664	56.931 ug/ml

(f)=RT Delta > 1/2 Window

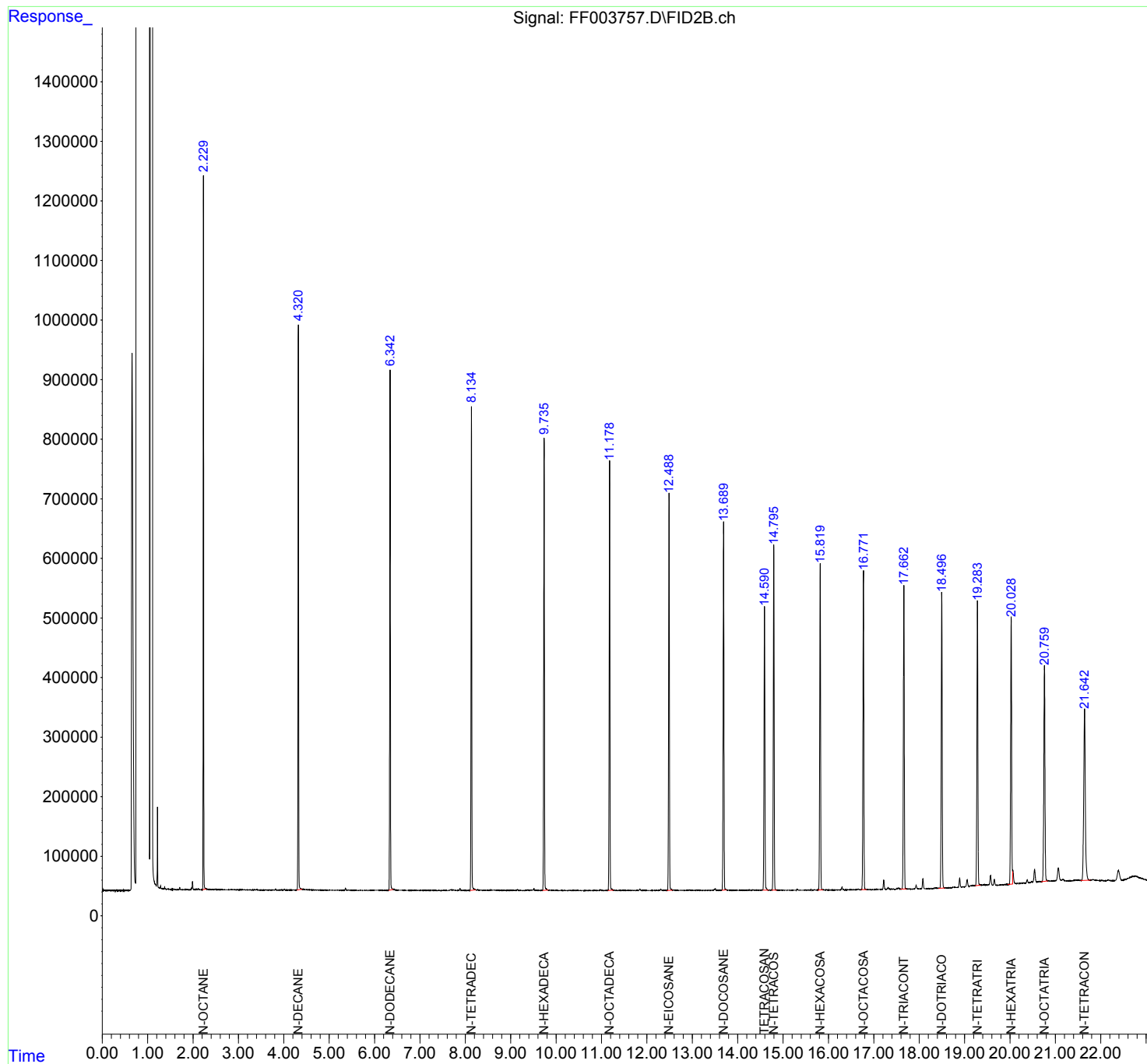
(m)=manual int.

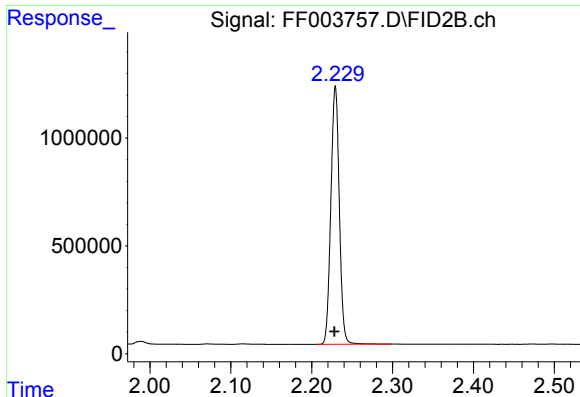
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Signal Info : 20mx0.18mmx0.18um

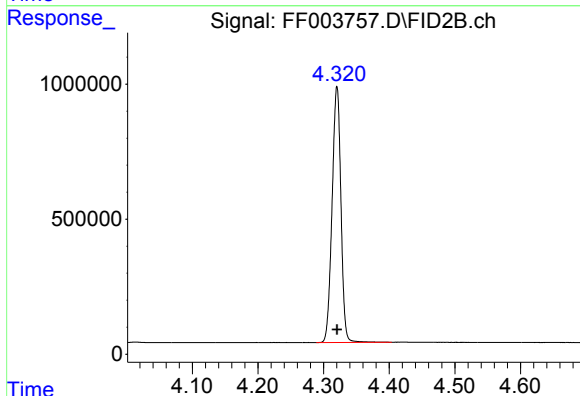




#1 N-OCTANE

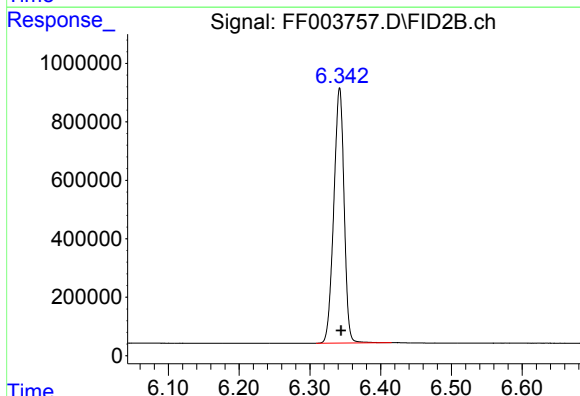
R.T.: 2.229 min
Delta R.T.: 0.001 min
Response: 8682922
Conc: 56.56 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



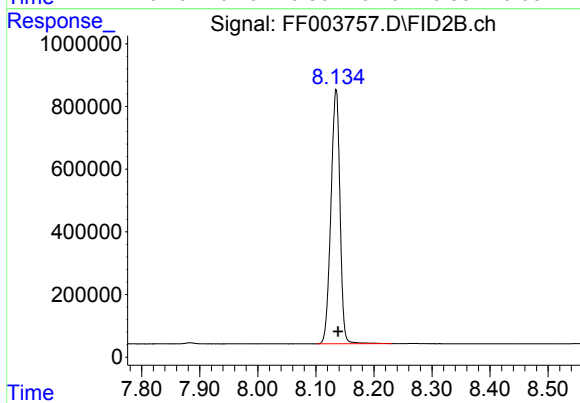
#2 N-DECANE

R.T.: 4.320 min
Delta R.T.: 0.000 min
Response: 8866608
Conc: 57.64 ug/ml



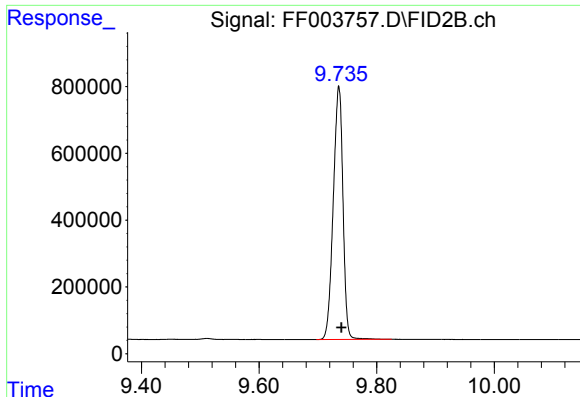
#3 N-DODECANE

R.T.: 6.342 min
Delta R.T.: -0.002 min
Response: 8836930
Conc: 56.62 ug/ml



#4 N-TETRADECANE

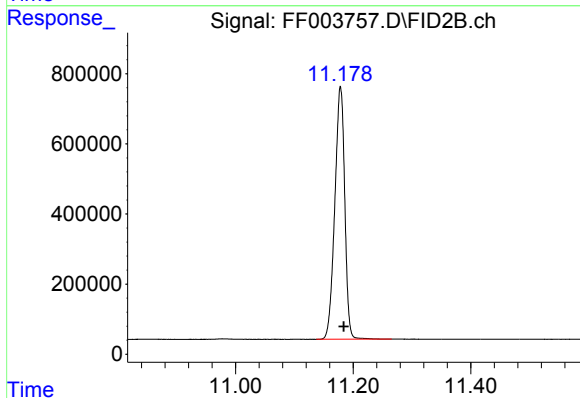
R.T.: 8.135 min
Delta R.T.: -0.003 min
Response: 8806953
Conc: 54.93 ug/ml



#5 N-HEXADECANE

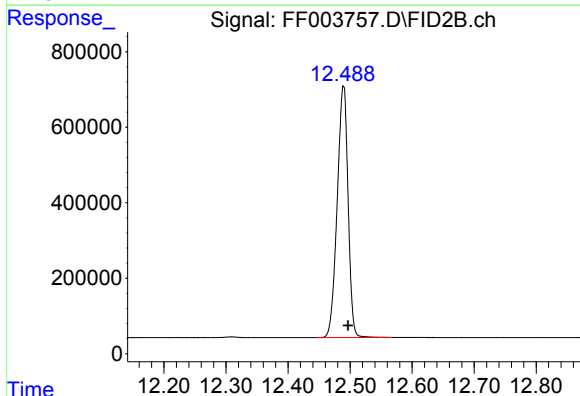
R.T.: 9.736 min
Delta R.T.: -0.005 min
Response: 8662183
Conc: 53.18 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



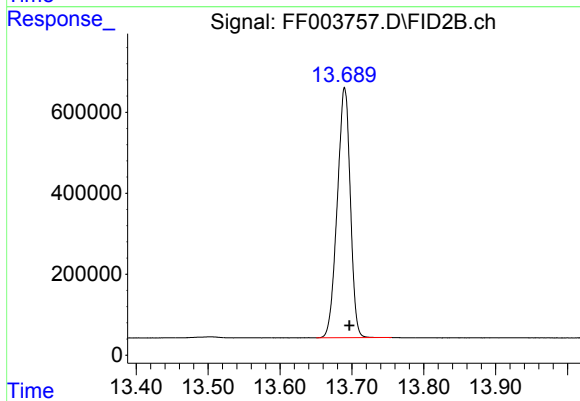
#6 N-OCTADECANE

R.T.: 11.178 min
Delta R.T.: -0.005 min
Response: 8455656
Conc: 51.32 ug/ml



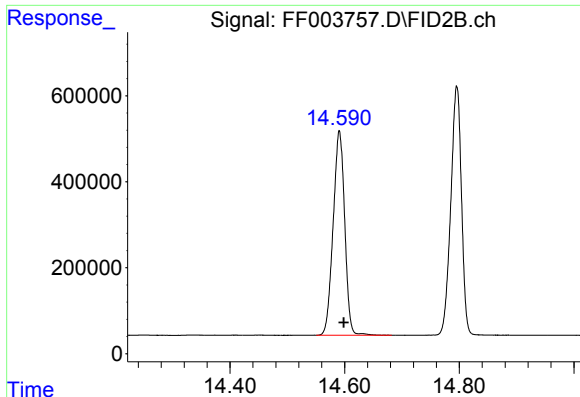
#7 N-EICOSANE

R.T.: 12.489 min
Delta R.T.: -0.007 min
Response: 8121877
Conc: 49.65 ug/ml



#8 N-DOCOSANE

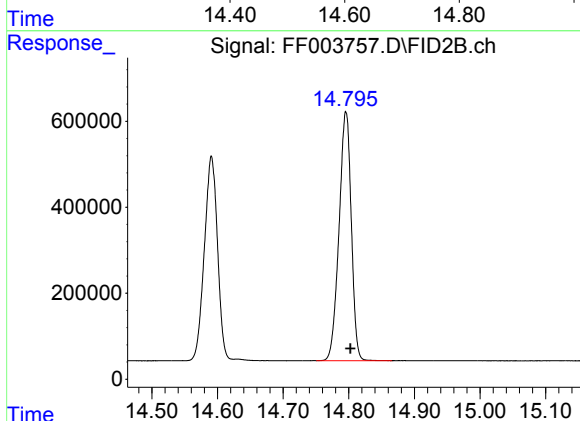
R.T.: 13.690 min
Delta R.T.: -0.007 min
Response: 7789359
Conc: 48.26 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

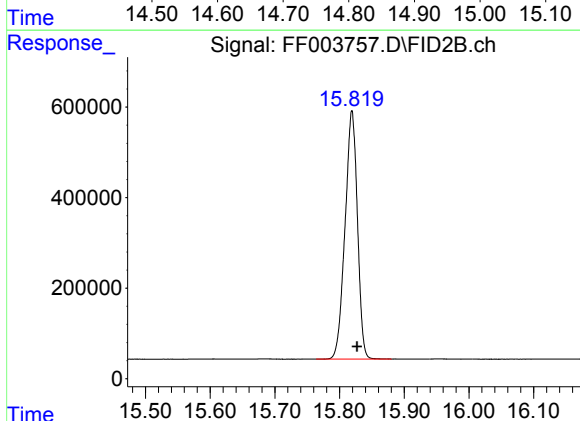
R.T.: 14.591 min
Delta R.T.: -0.007 min
Response: 6660219
Conc: 47.84 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



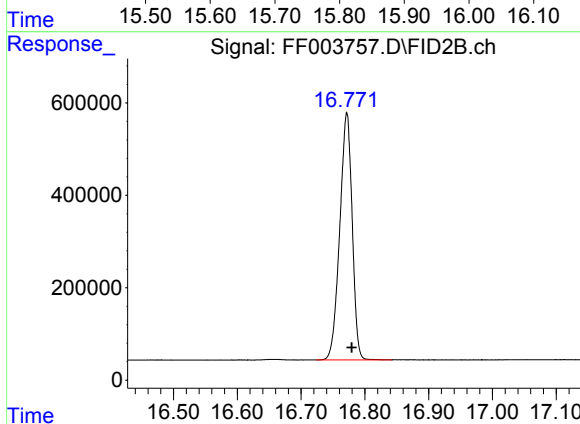
#10 N-TETRACOSANE

R.T.: 14.796 min
Delta R.T.: -0.007 min
Response: 7497591
Conc: 47.39 ug/ml



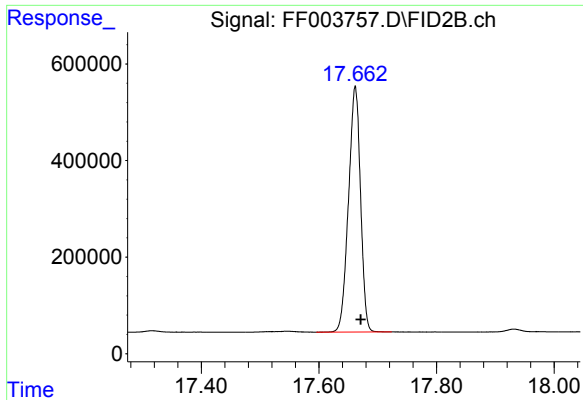
#11 N-HEXACOSANE

R.T.: 15.819 min
Delta R.T.: -0.008 min
Response: 7292199
Conc: 47.25 ug/ml



#12 N-OCTACOSANE

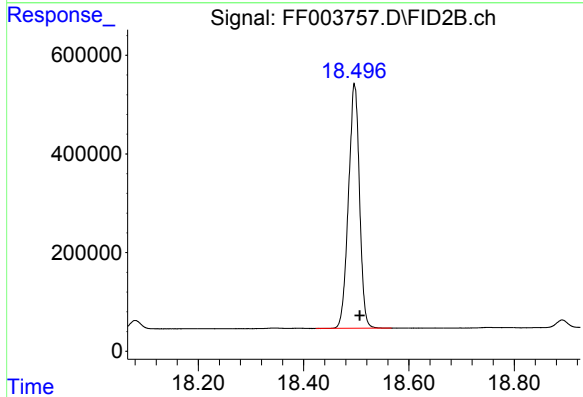
R.T.: 16.772 min
Delta R.T.: -0.008 min
Response: 7210759
Conc: 47.72 ug/ml



#13 N-TRIACONTANE

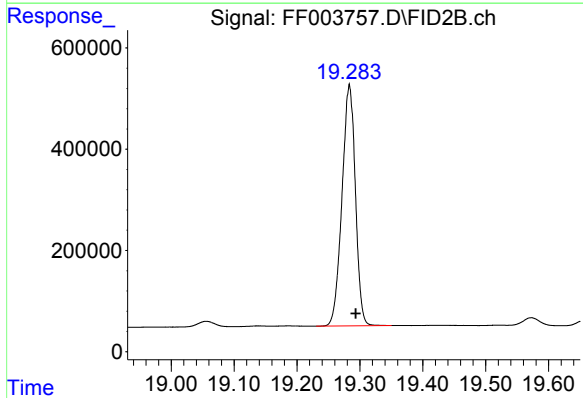
R.T.: 17.662 min
Delta R.T.: -0.009 min
Response: 7209887
Conc: 49.01 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



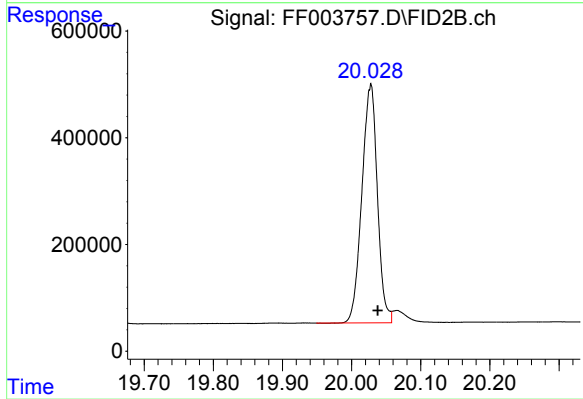
#14 N-DOTRIACONTANE

R.T.: 18.497 min
Delta R.T.: -0.010 min
Response: 7215720
Conc: 50.74 ug/ml



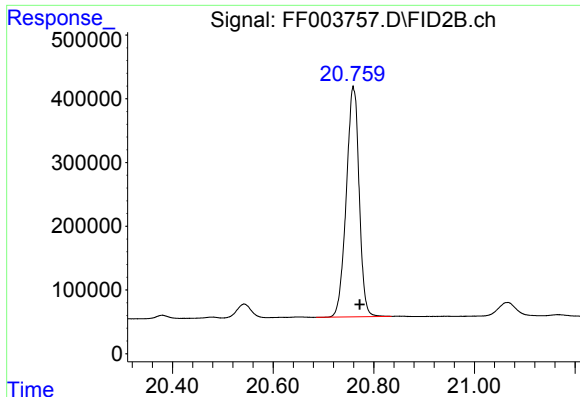
#15 N-TETRATRIACONTANE

R.T.: 19.283 min
Delta R.T.: -0.010 min
Response: 7047354
Conc: 52.63 ug/ml



#16 N-HEXATRIACONTANE

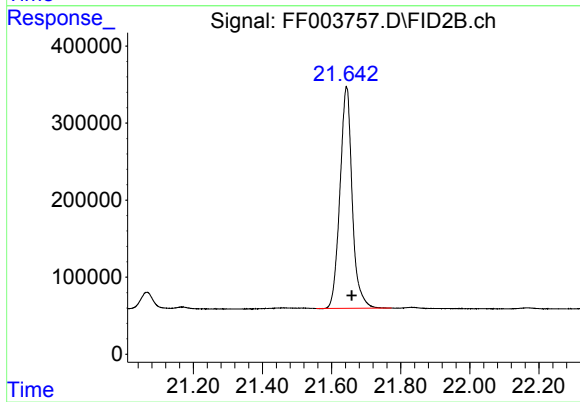
R.T.: 20.028 min
Delta R.T.: -0.010 min
Response: 6968174
Conc: 53.40 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.759 min
Delta R.T.: -0.013 min
Response: 6406347
Conc: 55.48 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 21.643 min
Delta R.T.: -0.015 min
Response: 7082664
Conc: 56.93 ug/ml

rteres

Area Percent Report

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Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.229	2.205	2.299	BB	1195213	8682922	97.93%	6.255%
2	4.320	4.289	4.404	BB	949408	8866608	100.00%	6.387%
3	6.342	6.309	6.415	BB	873910	8836930	99.67%	6.366%
4	8.135	8.100	8.230	BB	813248	8806953	99.33%	6.344%
5	9.736	9.697	9.825	BB	758939	8662183	97.69%	6.240%
6	11.178	11.137	11.265	BB	719168	8455656	95.37%	6.091%
7	12.489	12.445	12.567	BB	668763	8121877	91.60%	5.851%
8	13.690	13.650	13.755	BB	616657	7789359	87.85%	5.611%
9	14.591	14.550	14.682	BB	476477	6660219	75.12%	4.798%
10	14.796	14.750	14.865	BB	580130	7497591	84.56%	5.401%
11	15.819	15.764	15.880	BB	549397	7292199	82.24%	5.253%
12	16.772	16.724	16.842	BB	534853	7210759	81.32%	5.195%
13	17.662	17.595	17.724	BB	509446	7209887	81.32%	5.194%
14	18.497	18.424	18.567	BB	492749	7215720	81.38%	5.198%
15	19.283	19.230	19.350	BB	477048	7047354	79.48%	5.077%
16	20.028	19.949	20.058	BV	444140	6968174	78.59%	5.020%
17	20.759	20.685	20.835	BB	361342	6406347	72.25%	4.615%
18	21.643	21.555	21.774	BB	286727	7082664	79.88%	5.102%
Sum of corrected areas:						138813404		

FF030119.M Mon Mar 11 10:06:14 2019