

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG030619\
 Data File : FG004064.D
 Signal(s) : FID1A.ch
 Acq On : 06 Mar 2019 16:46
 Operator : AJ\SJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Mar 07 00:02:07 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG030419.M
 Quant Title :
 QLast Update : Tue Mar 05 03:05:54 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...	14.437	5764385	45.851 ug/ml
Target Compounds			
1) N-OCTANE	2.091	6438305	48.986 ug/ml
2) N-DECANE	4.171	6665160	49.852 ug/ml
3) N-DODECANE	6.194	6717521	49.551 ug/ml
4) N-TETRADECANE	7.988	6767252	48.530 ug/ml
5) N-HEXADECANE	9.588	6774950	47.604 ug/ml
6) N-OCTADECANE	11.030	6769055	47.179 ug/ml
7) N-EICOSANE	12.340	6673189	46.713 ug/ml
8) N-DOCOSANE	13.539	6529926	46.005 ug/ml
10) N-TETRACOSANE	14.642	6409304	45.447 ug/ml
11) N-HEXACOSANE	15.664	6279742	45.089 ug/ml
12) N-OCTACOSANE	16.615	6175820	45.109 ug/ml
13) N-TRIACONTANE	17.502	6112184	45.768 ug/ml
14) N-DOTRIACONTANE	18.337	5908702	46.698 ug/ml
15) N-TETRATRIACONTANE	19.122	5774435	48.728 ug/ml
16) N-HEXATRIACONTANE	19.864	5638639	50.933 ug/ml
17) N-OCTATRIACONTANE	20.579	5169536	51.211 ug/ml
18) N-TETRACONTANE	21.417	5374054	50.668 ug/ml

(f)=RT Delta > 1/2 Window

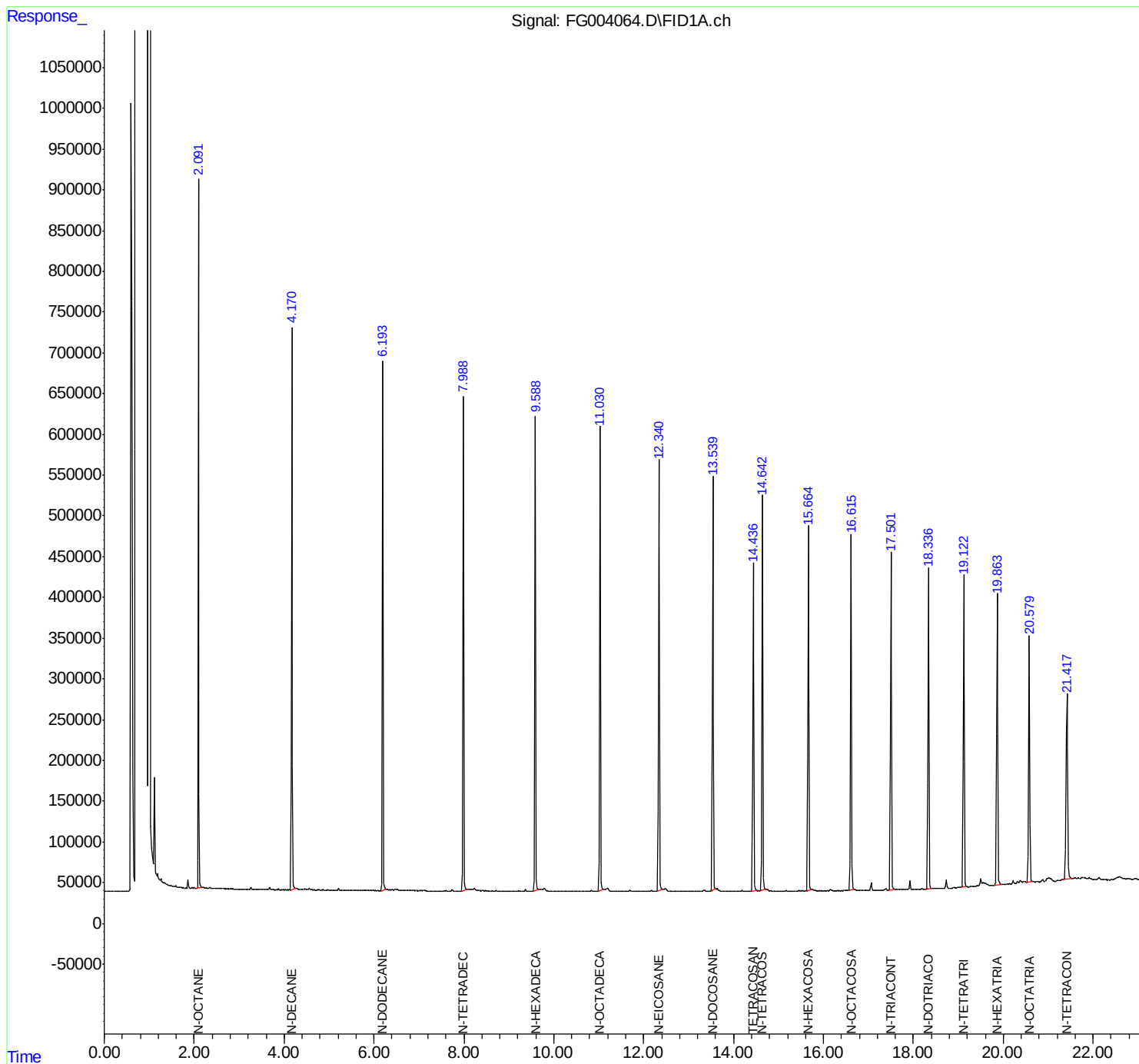
(m)=manual int.

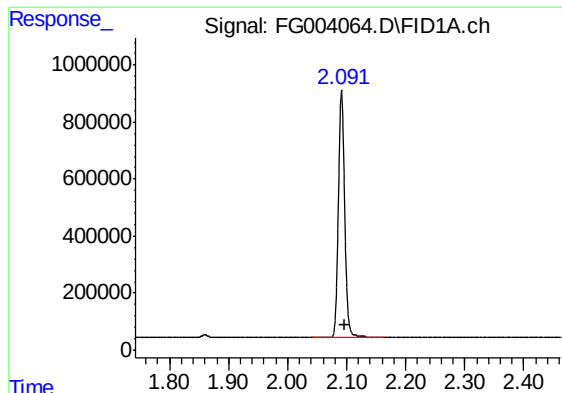
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

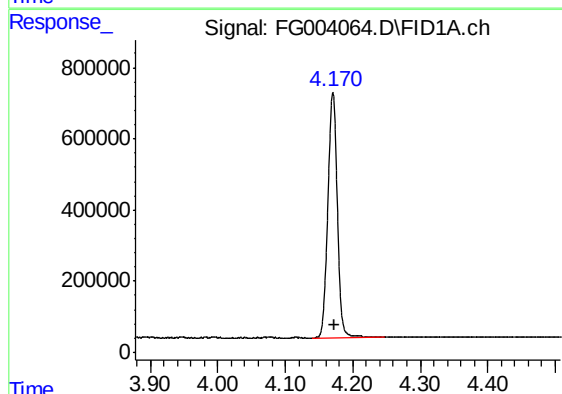




#1 N-OCTANE

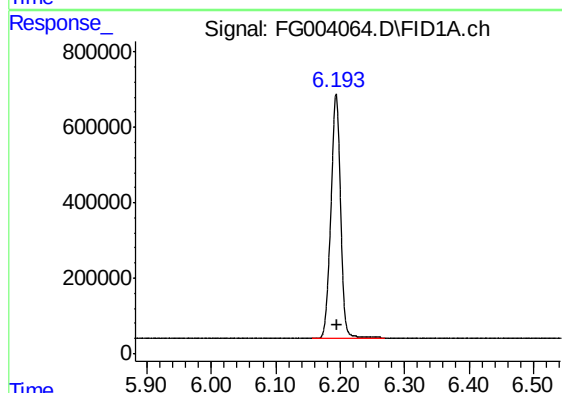
R.T.: 2.091 min
Delta R.T.: -0.006 min
Response: 6438305
Conc: 48.99 ug/ml

Instrument :
FID_G
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50 PPM TRPH STD



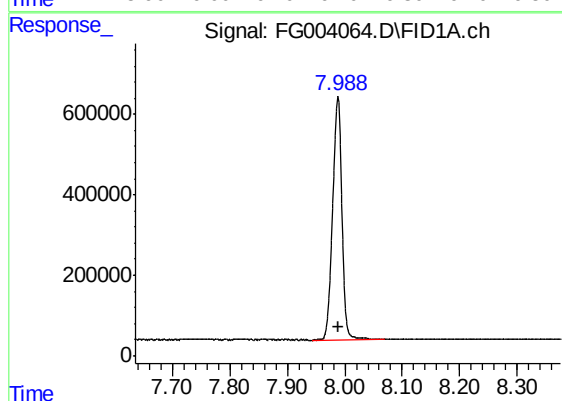
#2 N-DECANE

R.T.: 4.171 min
Delta R.T.: -0.003 min
Response: 6665160
Conc: 49.85 ug/ml



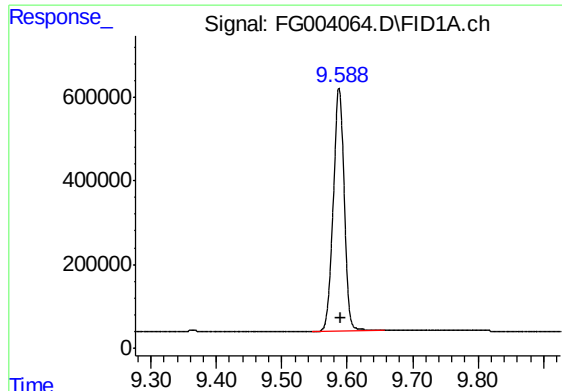
#3 N-DODECANE

R.T.: 6.194 min
Delta R.T.: -0.001 min
Response: 6717521
Conc: 49.55 ug/ml



#4 N-TETRADECANE

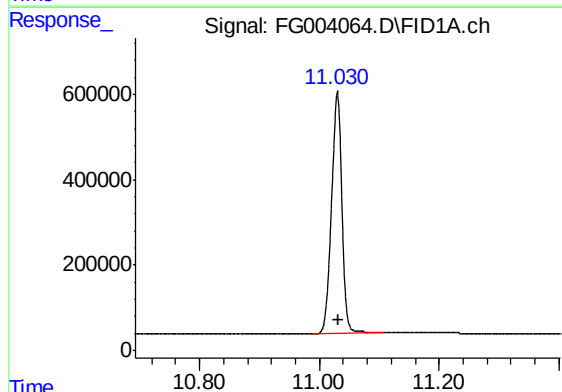
R.T.: 7.988 min
Delta R.T.: 0.000 min
Response: 6767252
Conc: 48.53 ug/ml



#5 N-HEXADECANE

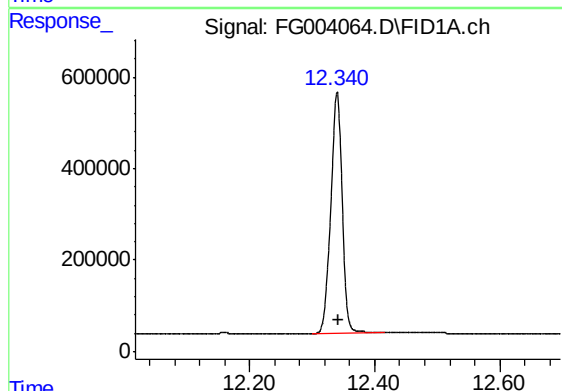
R.T.: 9.588 min
Delta R.T.: -0.002 min
Response: 6774950
Conc: 47.60 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



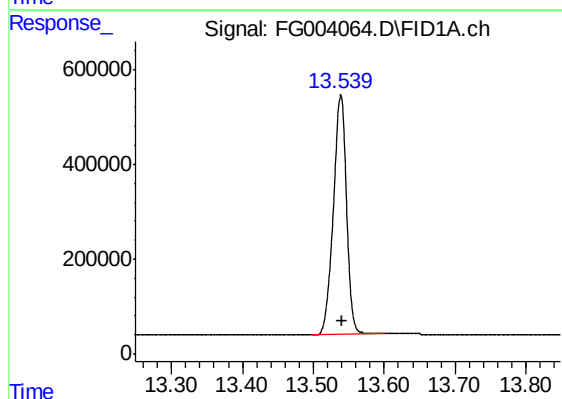
#6 N-OCTADECANE

R.T.: 11.030 min
Delta R.T.: -0.001 min
Response: 6769055
Conc: 47.18 ug/ml



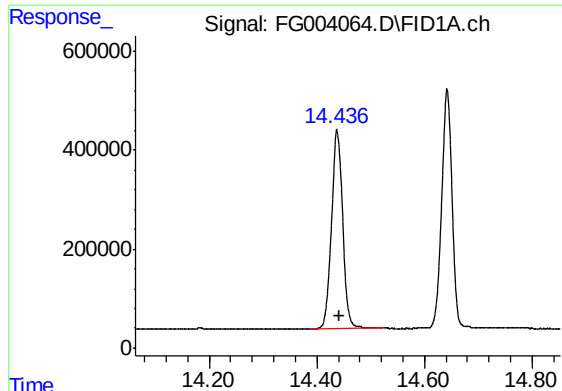
#7 N-EICOSANE

R.T.: 12.340 min
Delta R.T.: -0.003 min
Response: 6673189
Conc: 46.71 ug/ml



#8 N-DOCOSANE

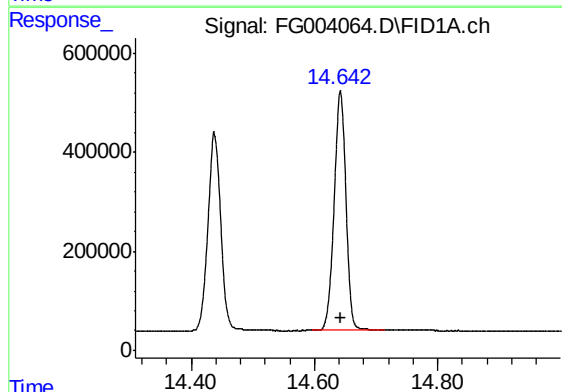
R.T.: 13.539 min
Delta R.T.: -0.002 min
Response: 6529926
Conc: 46.00 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

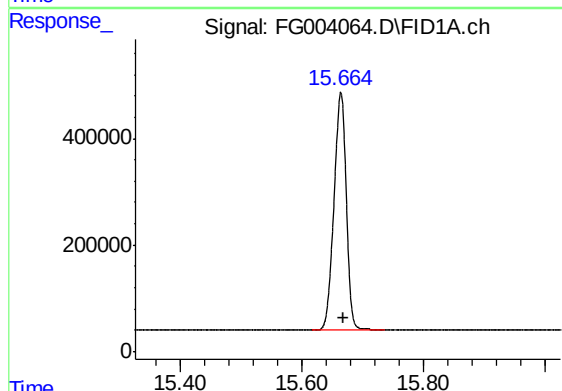
R.T.: 14.437 min
Delta R.T.: -0.004 min
Response: 5764385
Conc: 45.85 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



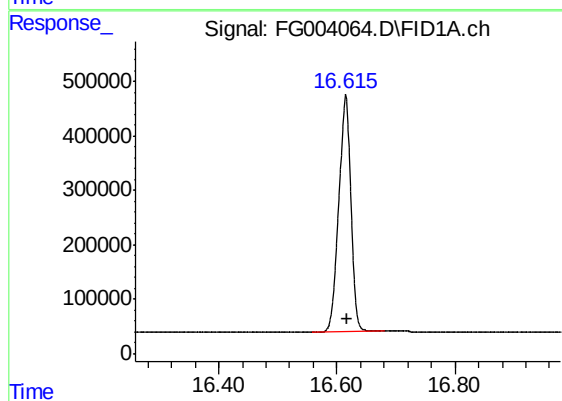
#10 N-TETRACOSANE

R.T.: 14.642 min
Delta R.T.: -0.002 min
Response: 6409304
Conc: 45.45 ug/ml



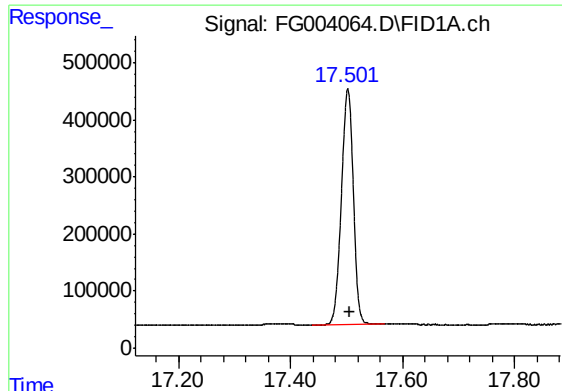
#11 N-HEXACOSANE

R.T.: 15.664 min
Delta R.T.: -0.003 min
Response: 6279742
Conc: 45.09 ug/ml



#12 N-OCTACOSANE

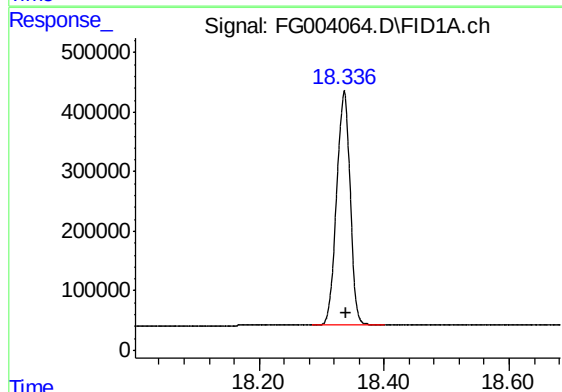
R.T.: 16.615 min
Delta R.T.: -0.002 min
Response: 6175820
Conc: 45.11 ug/ml



#13 N-TRIACONTANE

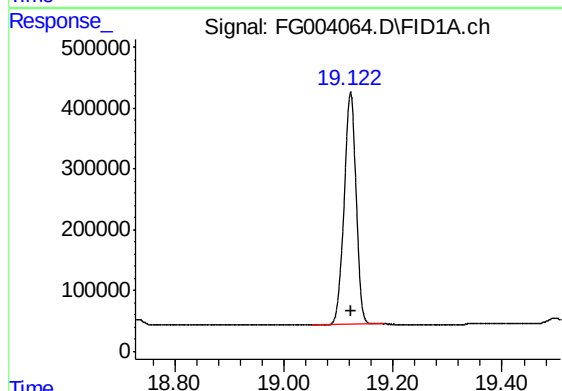
R.T.: 17.502 min
Delta R.T.: -0.004 min
Response: 6112184
Conc: 45.77 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



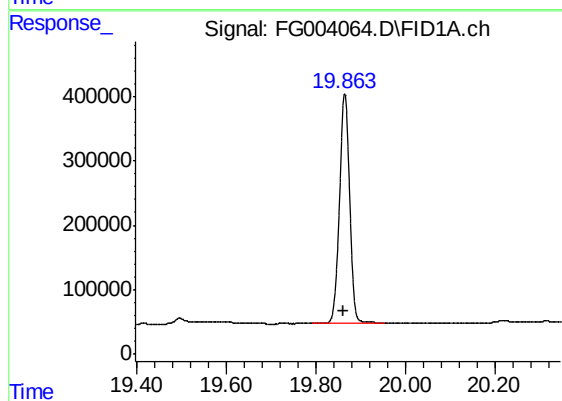
#14 N-DOTRIACONTANE

R.T.: 18.337 min
Delta R.T.: -0.003 min
Response: 5908702
Conc: 46.70 ug/ml



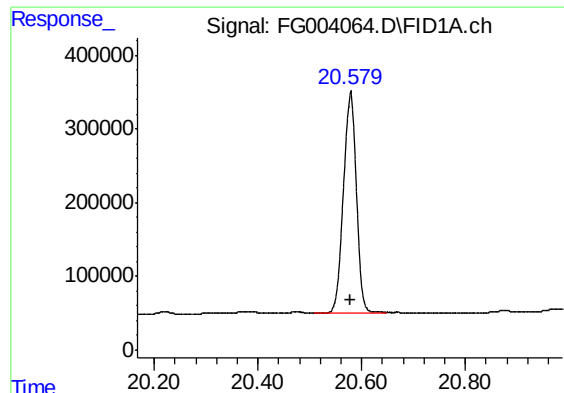
#15 N-TETRATRIACONTANE

R.T.: 19.122 min
Delta R.T.: -0.001 min
Response: 5774435
Conc: 48.73 ug/ml



#16 N-HEXATRIACONTANE

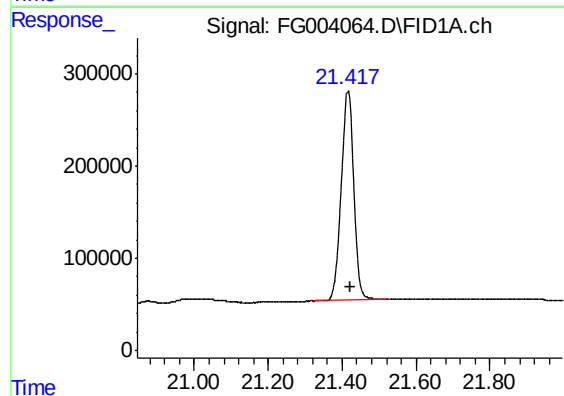
R.T.: 19.864 min
Delta R.T.: 0.002 min
Response: 5638639
Conc: 50.93 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.579 min
Delta R.T.: 0.000 min
Response: 5169536
Conc: 51.21 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 21.417 min
Delta R.T.: -0.005 min
Response: 5374054
Conc: 50.67 ug/ml

rteres

Area Percent Report

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Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.091	2.042	2.162	BB	867183	6438305	95.03%	5.751%
2	4.171	4.140	4.245	BB	689319	6665160	98.38%	5.954%
3	6.194	6.157	6.267	BB	648542	6717521	99.15%	6.001%
4	7.988	7.944	8.067	BB	605484	6767252	99.89%	6.045%
5	9.588	9.547	9.655	BB	582174	6774950	100.00%	6.052%
6	11.030	10.989	11.107	BB	567211	6769055	99.91%	6.047%
7	12.340	12.300	12.414	BB	529612	6673189	98.50%	5.961%
8	13.539	13.499	13.599	BB	506183	6529926	96.38%	5.833%
9	14.437	14.392	14.524	BB	401574	5764385	85.08%	5.149%
10	14.642	14.597	14.712	BB	484670	6409304	94.60%	5.726%
11	15.664	15.617	15.734	BB	447032	6279742	92.69%	5.610%
12	16.615	16.559	16.679	BB	436973	6175820	91.16%	5.517%
13	17.502	17.439	17.565	BB	413151	6112184	90.22%	5.460%
14	18.337	18.285	18.399	BB	395327	5908702	87.21%	5.278%
15	19.122	19.052	19.182	BB	382484	5774435	85.23%	5.158%
16	19.864	19.792	19.950	BB	356597	5638639	83.23%	5.037%
17	20.579	20.509	20.645	BB	302120	5169536	76.30%	4.618%
18	21.417	21.325	21.517	BB	228121	5374054	79.32%	4.801%
Sum of corrected areas:						111942160		

FG030419.M Thu Mar 07 08:32:36 2019