

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031619\
 Data File : FF003851.D
 Signal(s) : FID2B.ch
 Acq On : 15 Mar 2019 13:48
 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 15 22:55:11 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...	14.587	5874653	42.194 ug/ml
Target Compounds			
1) N-OCTANE	2.224	8135672	52.994 ug/ml
2) N-DECANE	4.315	8172709	53.132 ug/ml
3) N-DODECANE	6.338	8084368	51.802 ug/ml
4) N-TETRADECANE	8.130	7903735	49.295 ug/ml
5) N-HEXADECANE	9.731	7689414	47.212 ug/ml
6) N-OCTADECANE	11.174	7426519	45.076 ug/ml
7) N-EICOSANE	12.485	7102680	43.417 ug/ml
8) N-DOCOSANE	13.685	6842398	42.397 ug/ml
10) N-TETRACOSANE	14.792	6665272	42.126 ug/ml
11) N-HEXACOSANE	15.815	6585279	42.667 ug/ml
12) N-OCTACOSANE	16.768	6601218	43.684 ug/ml
13) N-TRIACONTANE	17.658	6689261	45.474 ug/ml
14) N-DOTRIACONTANE	18.494	6658404	46.821 ug/ml
15) N-TETRATRIACONTANE	19.281	6673419	49.840 ug/ml
16) N-HEXATRIACONTANE	20.024	6809040	52.184 ug/ml
17) N-OCTATRIACONTANE	20.757	6101666	52.845 ug/ml
18) N-TETRACONTANE	21.638	6274629	50.436 ug/ml

(f)=RT Delta > 1/2 Window

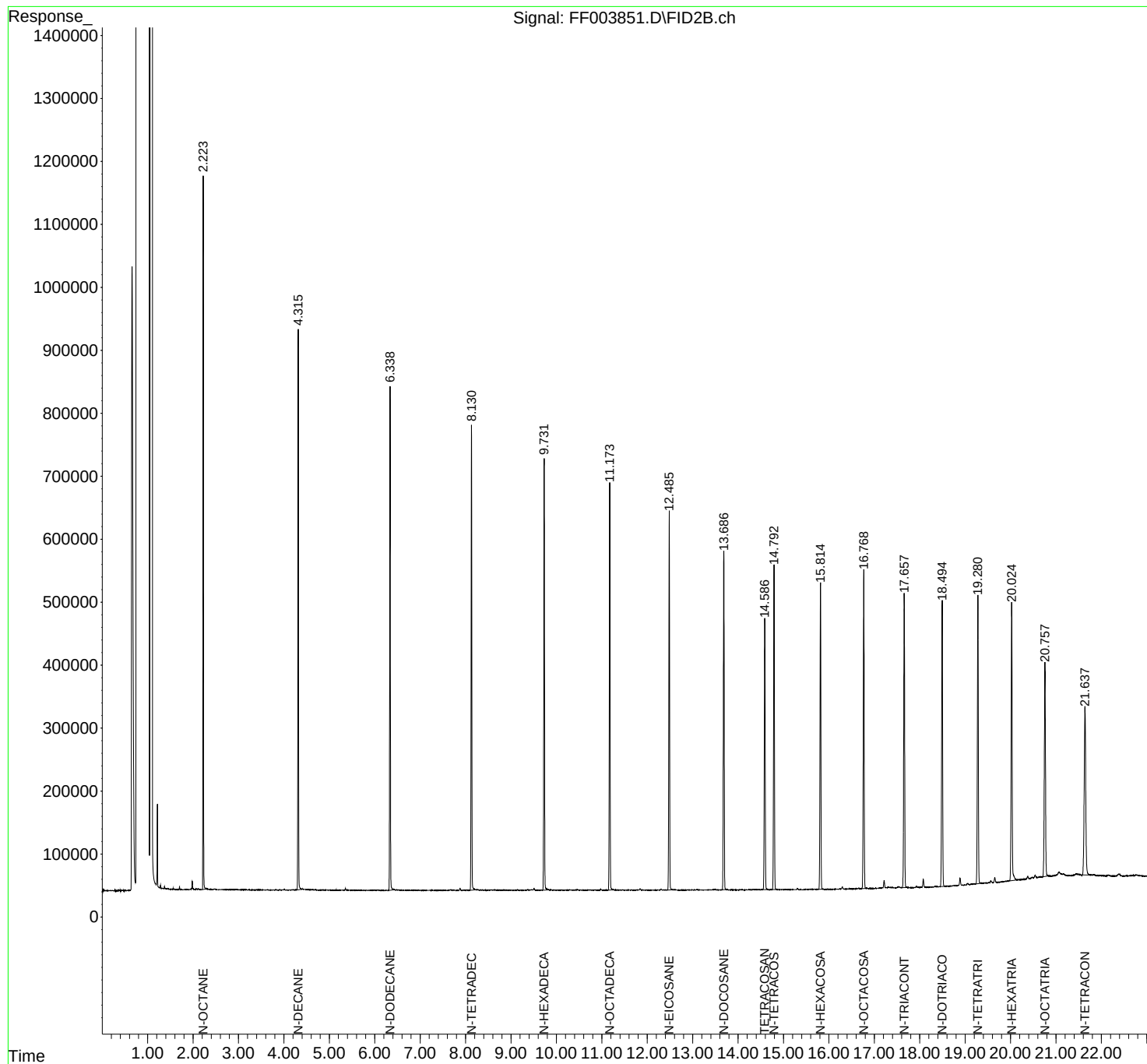
(m)=manual int.

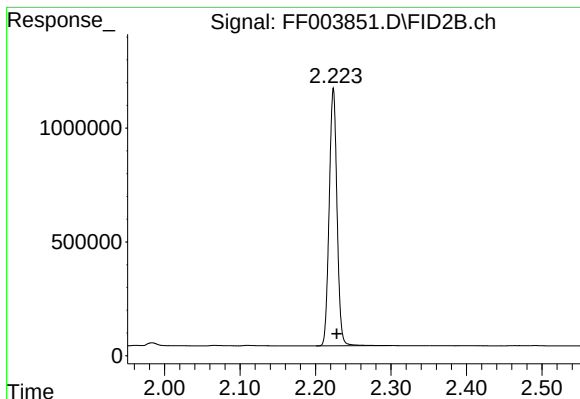
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Signal Info : 20mx0.18mmx0.18um

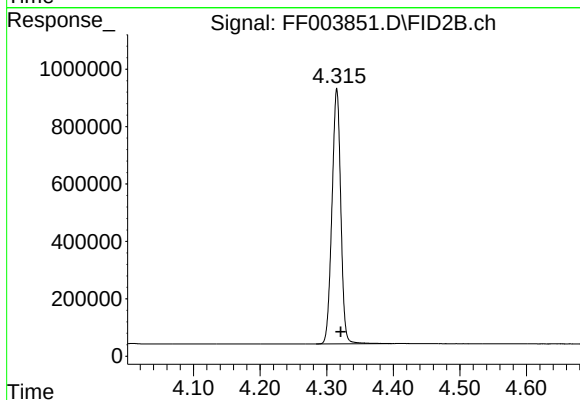




#1 N-OCTANE

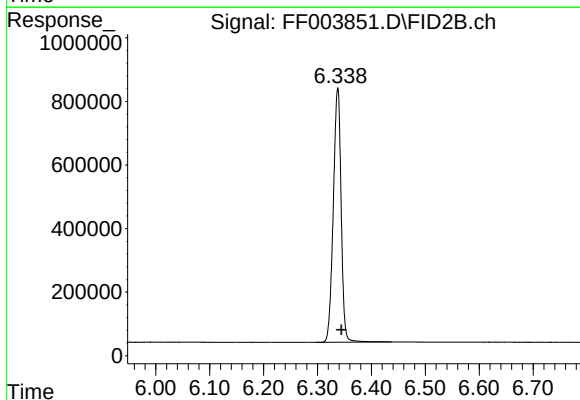
R.T.: 2.224 min
Delta R.T.: -0.004 min
Response: 8135672
Conc: 52.99 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



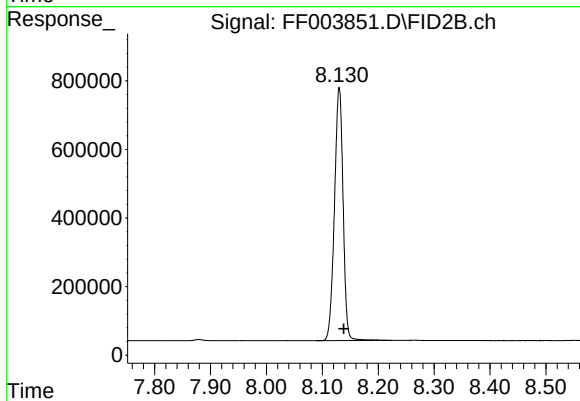
#2 N-DECANE

R.T.: 4.315 min
Delta R.T.: -0.006 min
Response: 8172709
Conc: 53.13 ug/ml



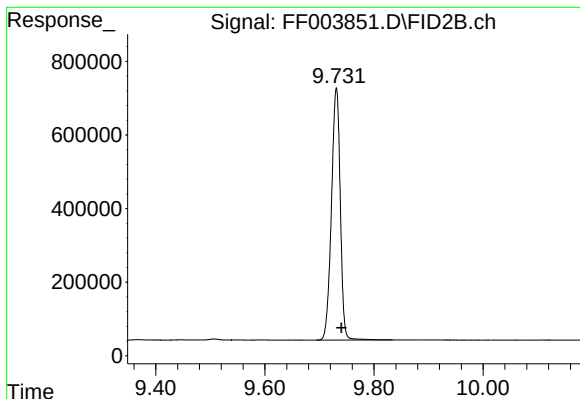
#3 N-DODECANE

R.T.: 6.338 min
Delta R.T.: -0.007 min
Response: 8084368
Conc: 51.80 ug/ml



#4 N-TETRADECANE

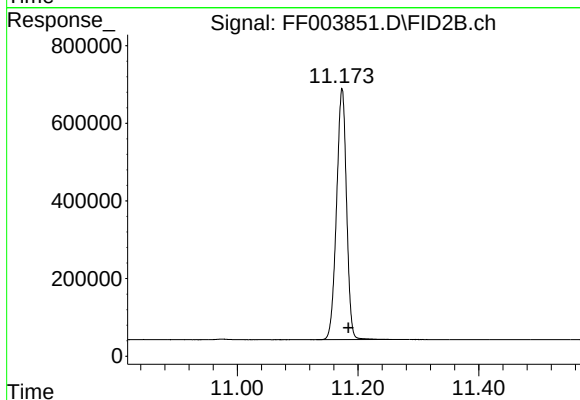
R.T.: 8.130 min
Delta R.T.: -0.008 min
Response: 7903735
Conc: 49.30 ug/ml



#5 N-HEXADECANE

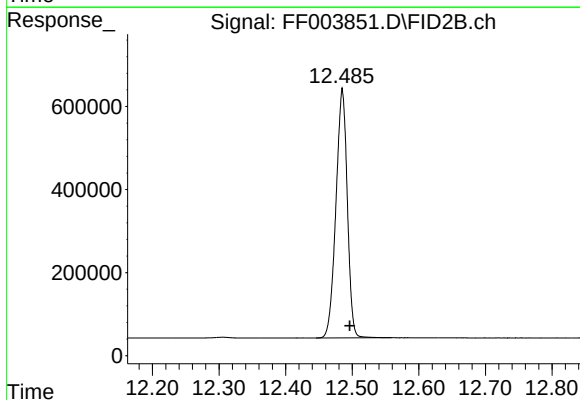
R.T.: 9.731 min
Delta R.T.: -0.009 min
Response: 7689414
Conc: 47.21 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



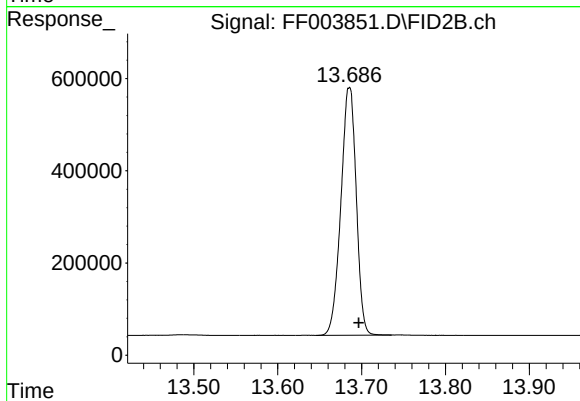
#6 N-OCTADECANE

R.T.: 11.174 min
Delta R.T.: -0.010 min
Response: 7426519
Conc: 45.08 ug/ml



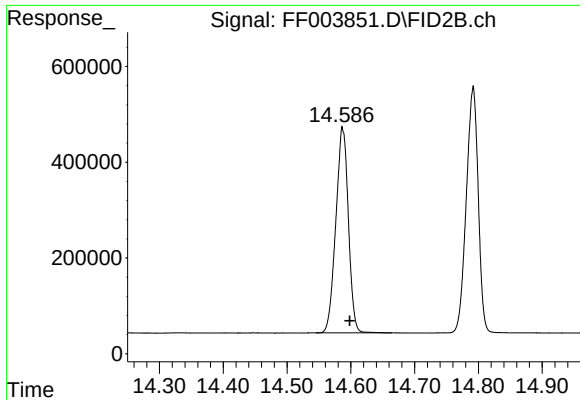
#7 N-EICOSANE

R.T.: 12.485 min
Delta R.T.: -0.011 min
Response: 7102680
Conc: 43.42 ug/ml



#8 N-DOCOSANE

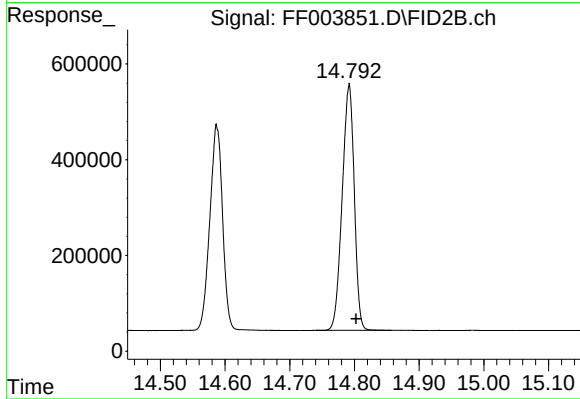
R.T.: 13.685 min
Delta R.T.: -0.011 min
Response: 6842398
Conc: 42.40 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

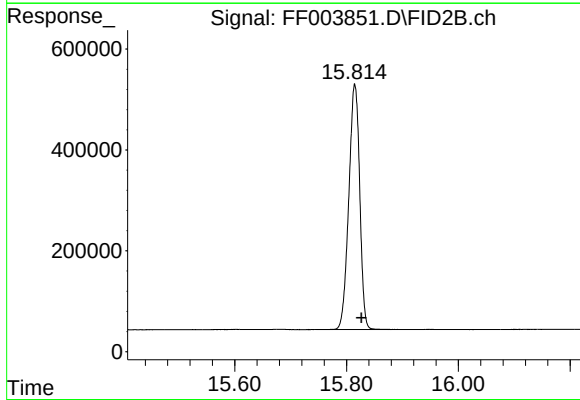
R.T.: 14.587 min
Delta R.T.: -0.011 min
Response: 5874653
Conc: 42.19 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



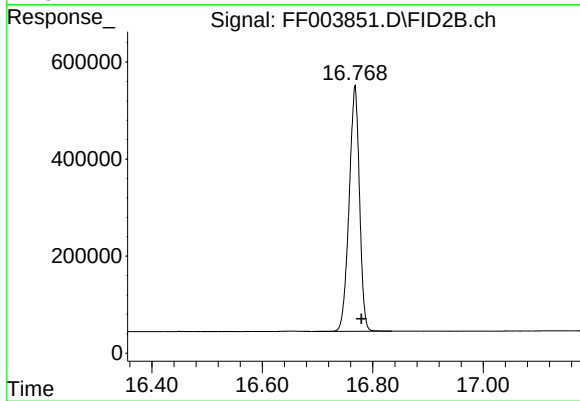
#10 N-TETRACOSANE

R.T.: 14.792 min
Delta R.T.: -0.011 min
Response: 6665272
Conc: 42.13 ug/ml



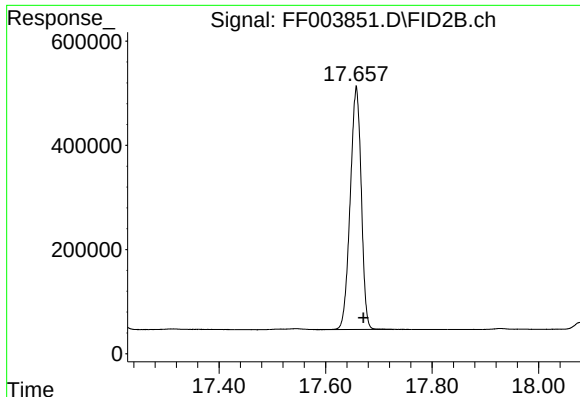
#11 N-HEXACOSANE

R.T.: 15.815 min
Delta R.T.: -0.012 min
Response: 6585279
Conc: 42.67 ug/ml



#12 N-OCTACOSANE

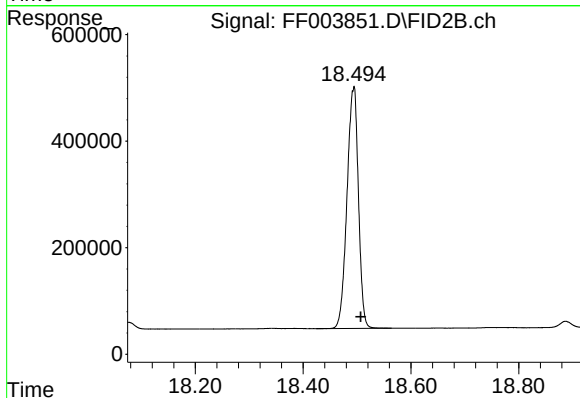
R.T.: 16.768 min
Delta R.T.: -0.012 min
Response: 6601218
Conc: 43.68 ug/ml



#13 N-TRIACONTANE

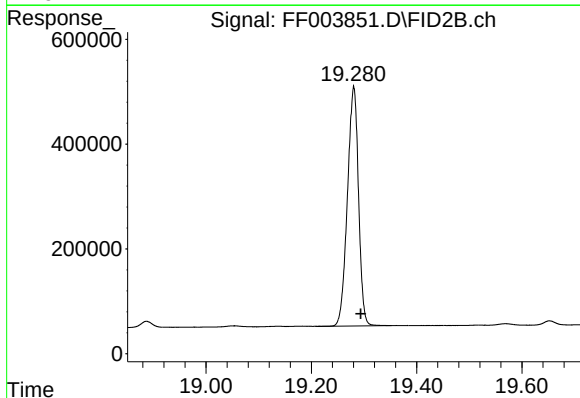
R.T.: 17.658 min
Delta R.T.: -0.013 min
Response: 6689261
Conc: 45.47 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



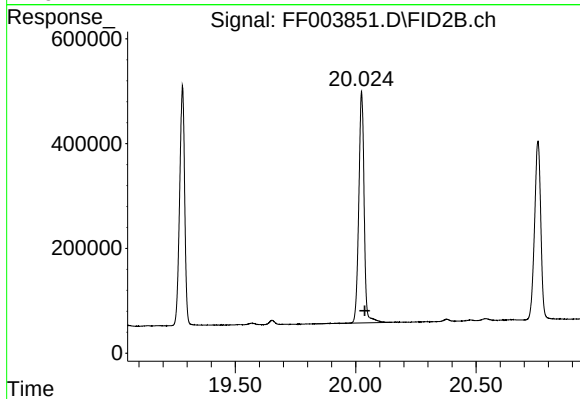
#14 N-DOTRIACONTANE

R.T.: 18.494 min
Delta R.T.: -0.013 min
Response: 6658404
Conc: 46.82 ug/ml



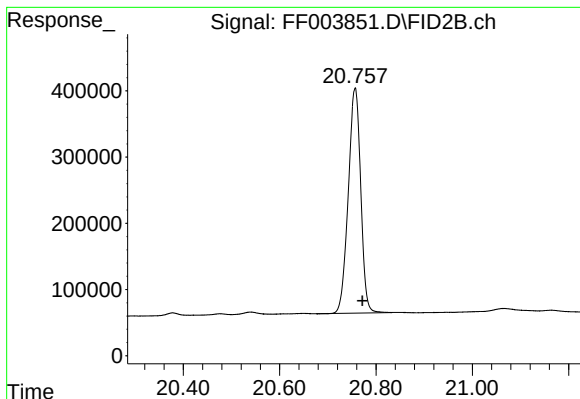
#15 N-TETRATRIACONTANE

R.T.: 19.281 min
Delta R.T.: -0.013 min
Response: 6673419
Conc: 49.84 ug/ml



#16 N-HEXATRIACONTANE

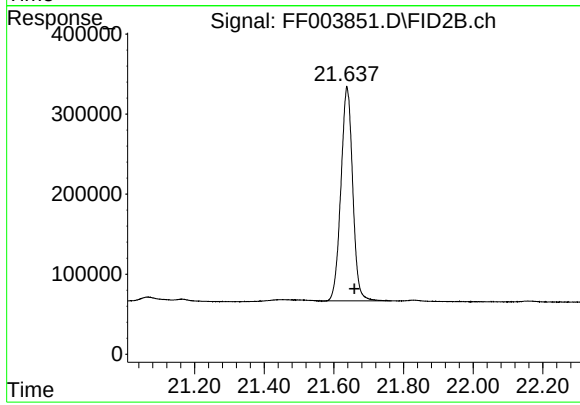
R.T.: 20.024 min
Delta R.T.: -0.014 min
Response: 6809040
Conc: 52.18 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.757 min
Delta R.T.: -0.015 min
Response: 6101666
Conc: 52.85 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 21.638 min
Delta R.T.: -0.021 min
Response: 6274629
Conc: 50.44 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	2.224	2.201	2.301	BB	1132853	8135672	99.55%	6.442%
2	4.315	4.284	4.397	BB	888171	8172709	100.00%	6.471%
3	6.338	6.297	6.437	BB	800023	8084368	98.92%	6.401%
4	8.130	8.089	8.224	BB	737049	7903735	96.71%	6.258%
5	9.731	9.694	9.832	BB	684947	7689414	94.09%	6.089%
6	11.174	11.131	11.256	BB	647161	7426519	90.87%	5.881%
7	12.485	12.446	12.559	BB	597286	7102680	86.91%	5.624%
8	13.685	13.646	13.736	BB	537273	6842398	83.72%	5.418%
9	14.587	14.546	14.664	BB	425704	5874653	71.88%	4.652%
10	14.792	14.741	14.857	BB	516492	6665272	81.56%	5.278%
11	15.815	15.746	15.881	BB	486047	6585279	80.58%	5.214%
12	16.768	16.697	16.834	BB	505517	6601218	80.77%	5.227%
13	17.658	17.582	17.724	BB	465596	6689261	81.85%	5.297%
14	18.494	18.424	18.564	BB	453131	6658404	81.47%	5.272%
15	19.281	19.209	19.352	BB	457038	6673419	81.65%	5.284%
16	20.024	19.836	20.149	BB	440966	6809040	83.31%	5.392%
17	20.757	20.676	20.832	BB	340828	6101666	74.66%	4.831%
18	21.638	21.549	21.766	BB	267804	6274629	76.78%	4.968%
Sum of corrected areas:						126290335		

FF030119.M Mon Mar 18 09:03:04 2019