

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF063025\
 Data File : FF016041.D
 Signal(s) : FID2B.ch
 Acq On : 30 Jun 2025 17:41
 Operator : YP\AJ
 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: Jul 01 03:15:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF061325.M
 Quant Title :
 QLast Update : Fri Jun 13 15:23:30 2025
 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...	15.098	5741346	47.550 ug/ml
Target Compounds			
1) N-OCTANE	2.080	5939884	46.812 ug/ml
2) N-DECANE	4.618	6362459	48.560 ug/ml
3) N-DODECANE	6.796	6504746	48.850 ug/ml
4) N-TETRADECANE	8.629	6599538	49.242 ug/ml
5) N-HEXADECANE	10.238	6629281	49.086 ug/ml
6) N-OCTADECANE	11.683	6752367	48.707 ug/ml
7) N-EICOSANE	12.996	6798093	48.684 ug/ml
8) N-DOCOSANE	14.196	6565087	48.320 ug/ml
10) N-TETRACOSANE	15.303	6509318	48.029 ug/ml
11) N-HEXACOSANE	16.326	6433772	47.929 ug/ml
12) N-OCTACOSANE	17.278	6383057	48.350 ug/ml
13) N-TRIACONTANE	18.167	6546226	49.568 ug/ml
14) N-DOTRIACONTANE	19.003	6347621	49.892 ug/ml
15) N-TETRATRIACONTANE	19.788	5755288	51.464 ug/ml
16) N-HEXATRIACONTANE	20.529	4956234	53.011 ug/ml
17) N-OCTATRIACONTANE	21.294	4404243	54.240 ug/ml
18) N-TETRACONTANE	22.255	3981915	56.779 ug/ml

(f)=RT Delta > 1/2 Window

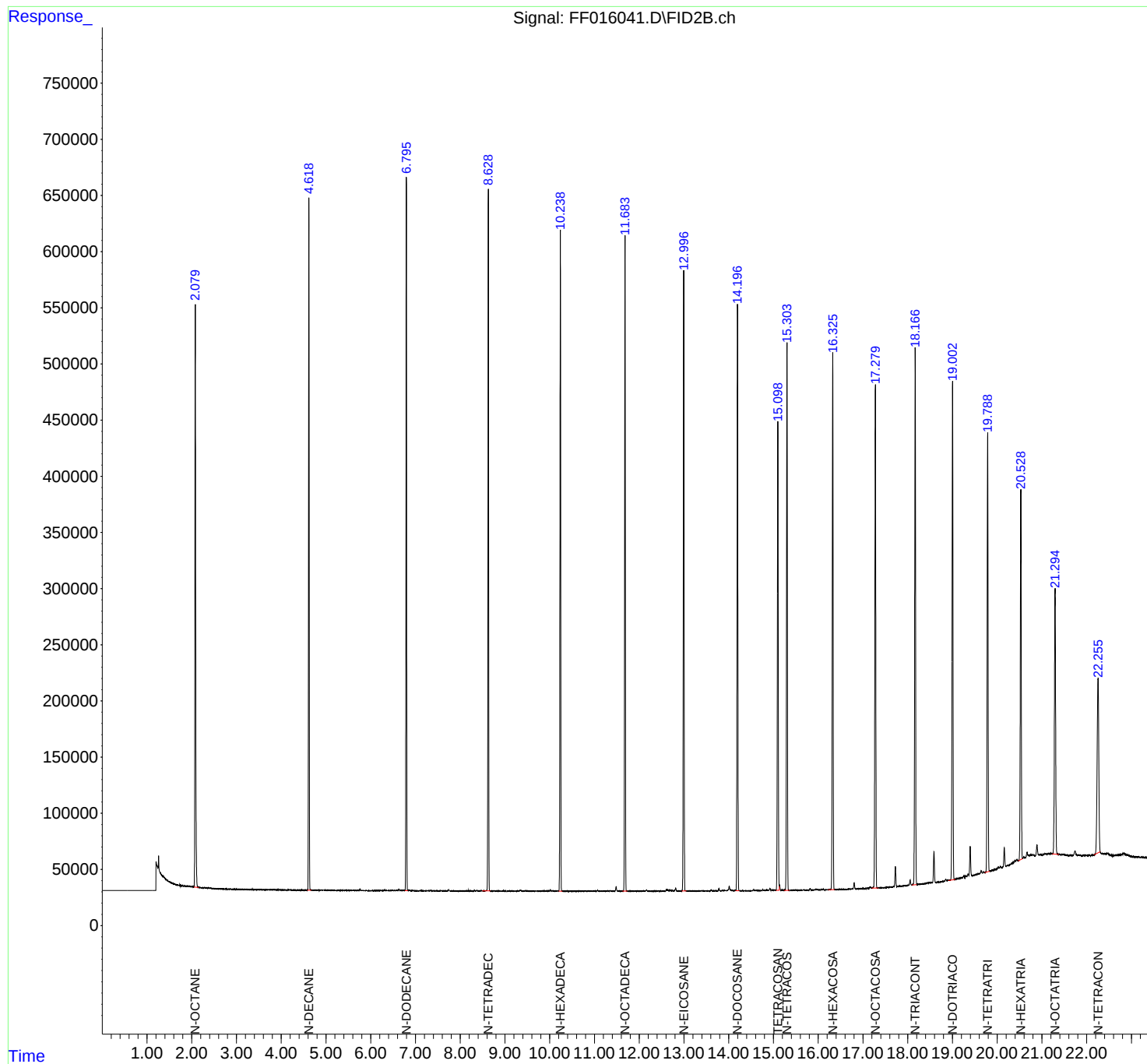
(m)=manual int.

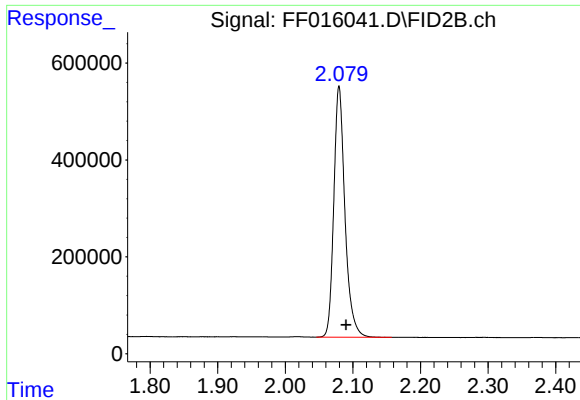
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

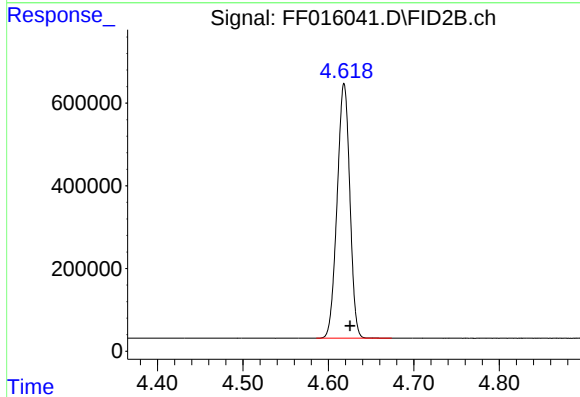




#1 N-OCTANE

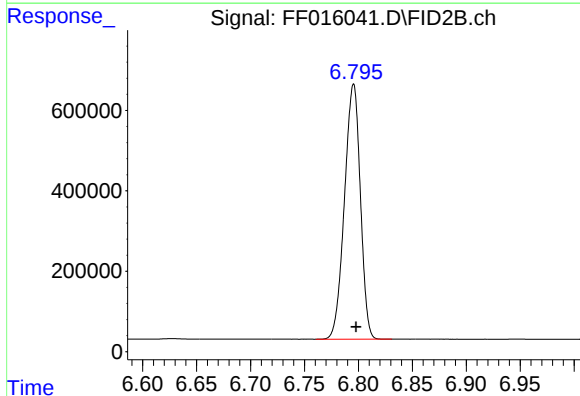
R.T.: 2.080 min
Delta R.T.: -0.010 min
Response: 5939884
Conc: 46.81 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



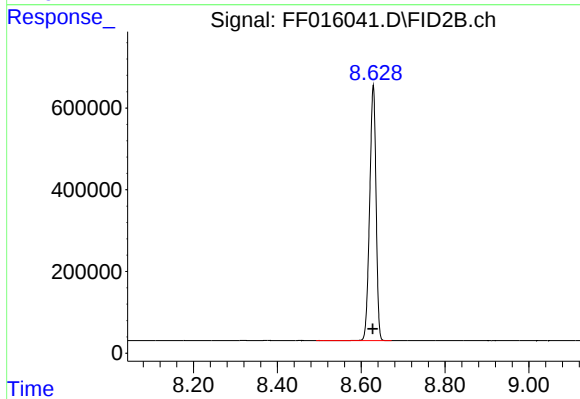
#2 N-DECANE

R.T.: 4.618 min
Delta R.T.: -0.007 min
Response: 6362459
Conc: 48.56 ug/ml



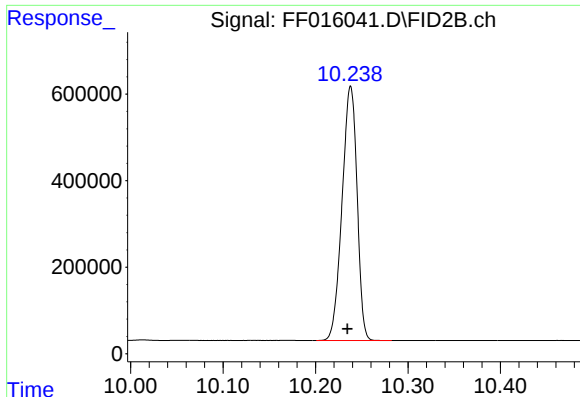
#3 N-DODECANE

R.T.: 6.796 min
Delta R.T.: -0.002 min
Response: 6504746
Conc: 48.85 ug/ml



#4 N-TETRADECANE

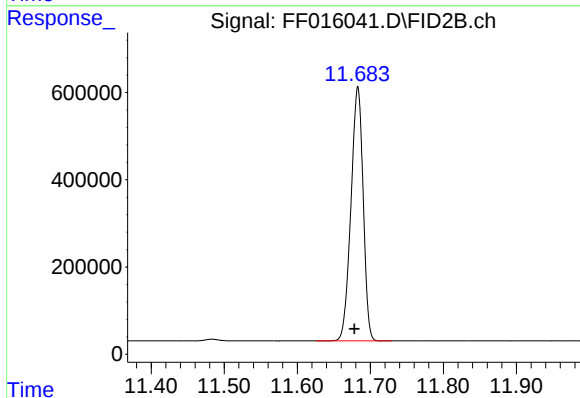
R.T.: 8.629 min
Delta R.T.: 0.001 min
Response: 6599538
Conc: 49.24 ug/ml



#5 N-HEXADECANE

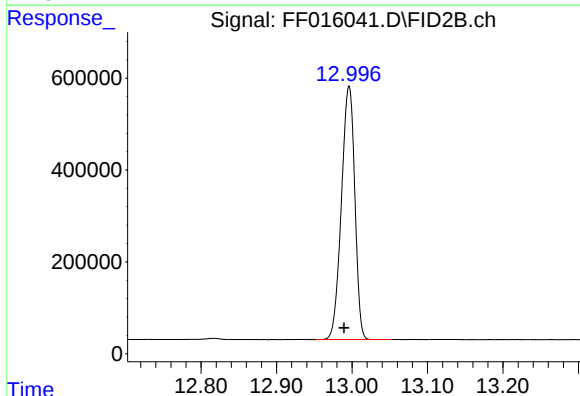
R.T.: 10.238 min
Delta R.T.: 0.003 min
Response: 6629281
Conc: 49.09 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



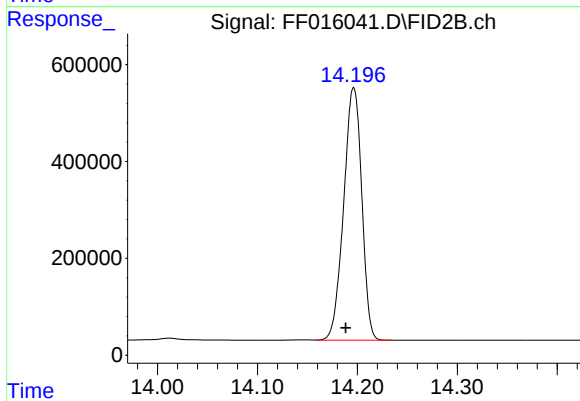
#6 N-OCTADECANE

R.T.: 11.683 min
Delta R.T.: 0.005 min
Response: 6752367
Conc: 48.71 ug/ml



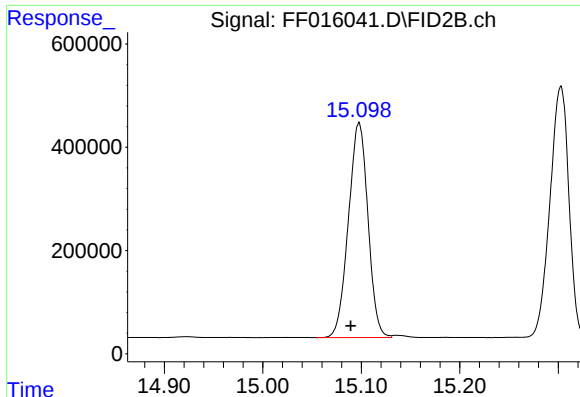
#7 N-EICOSANE

R.T.: 12.996 min
Delta R.T.: 0.007 min
Response: 6798093
Conc: 48.68 ug/ml



#8 N-DOCOSANE

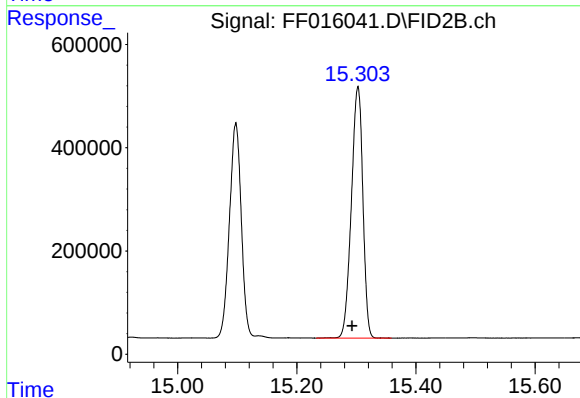
R.T.: 14.196 min
Delta R.T.: 0.008 min
Response: 6565087
Conc: 48.32 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

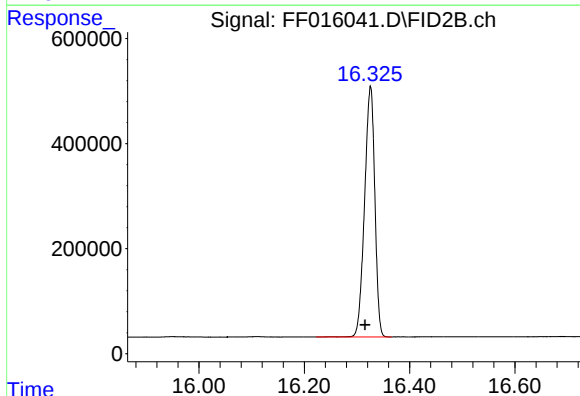
R.T.: 15.098 min
Delta R.T.: 0.008 min
Response: 5741346
Conc: 47.55 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



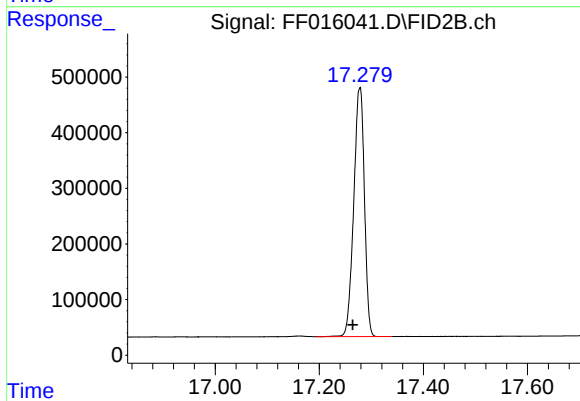
#10 N-TETRACOSANE

R.T.: 15.303 min
Delta R.T.: 0.010 min
Response: 6509318
Conc: 48.03 ug/ml



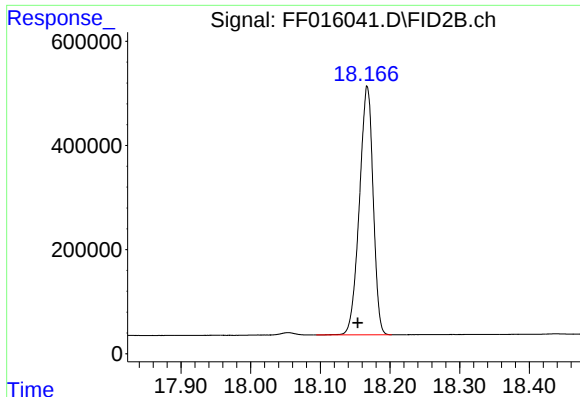
#11 N-HEXACOSANE

R.T.: 16.326 min
Delta R.T.: 0.010 min
Response: 6433772
Conc: 47.93 ug/ml



#12 N-OCTACOSANE

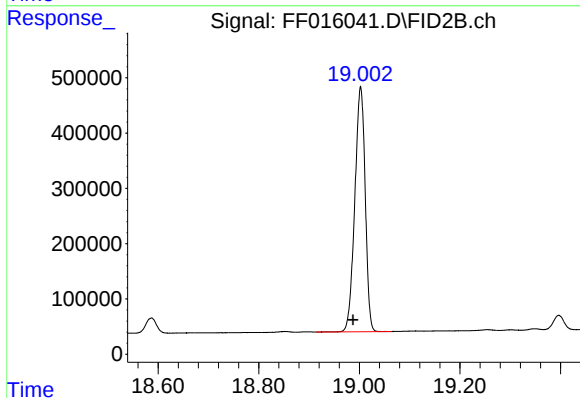
R.T.: 17.278 min
Delta R.T.: 0.014 min
Response: 6383057
Conc: 48.35 ug/ml



#13 N-TRIACONTANE

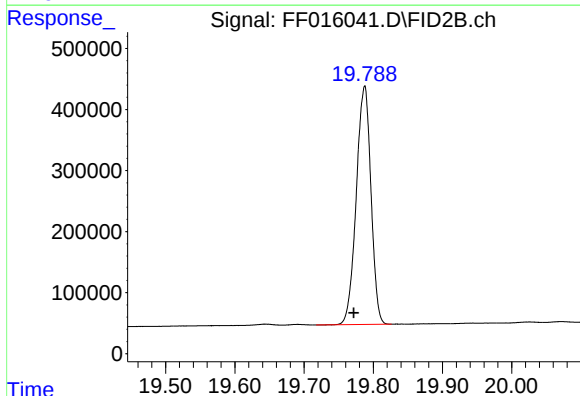
R.T.: 18.167 min
Delta R.T.: 0.014 min
Response: 6546226
Conc: 49.57 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



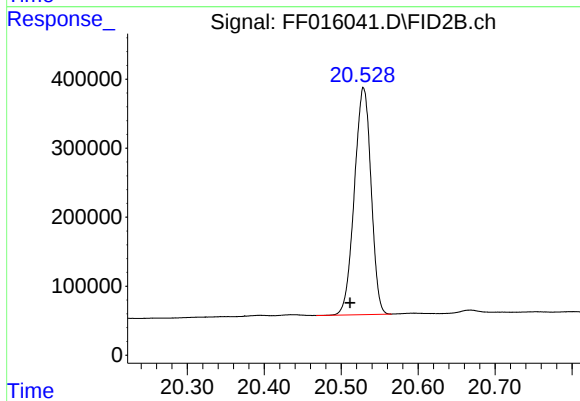
#14 N-DOTRIACONTANE

R.T.: 19.003 min
Delta R.T.: 0.015 min
Response: 6347621
Conc: 49.89 ug/ml



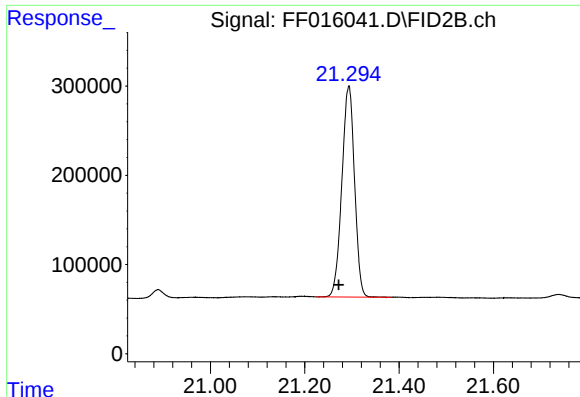
#15 N-TETRATRIACONTANE

R.T.: 19.788 min
Delta R.T.: 0.016 min
Response: 5755288
Conc: 51.46 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.529 min
Delta R.T.: 0.017 min
Response: 4956234
Conc: 53.01 ug/ml



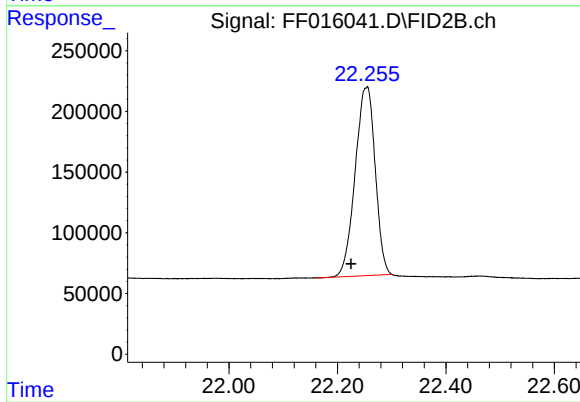
#17 N-OCTATRIACONTANE

R.T.: 21.294 min
Delta R.T.: 0.021 min
Response: 4404243
Conc: 54.24 ug/ml

Instrument :

FID_F

ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.255 min
Delta R.T.: 0.030 min
Response: 3981915
Conc: 56.78 ug/ml