

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF071725\
 Data File : FF016181.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jul 2025 08:58
 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 18 04:08:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF071025.M
 Quant Title :
 QLast Update : Thu Jul 10 12:51:11 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...	15.093	5498638	56.469 ug/ml
Target Compounds			
1) N-OCTANE	2.057	6211182	49.795 ug/ml
2) N-DECANE	4.607	6994328	56.200 ug/ml
3) N-DODECANE	6.787	7306410	59.960 ug/ml
4) N-TETRADECANE	8.621	7387034	61.445 ug/ml
5) N-HEXADECANE	10.231	7317246	62.904 ug/ml
6) N-OCTADECANE	11.677	7205737	62.008 ug/ml
7) N-EICOSANE	12.991	6908572	59.072 ug/ml
8) N-DOCOSANE	14.192	6398734	57.068 ug/ml
10) N-TETRACOSANE	15.298	6145356	55.408 ug/ml
11) N-HEXACOSANE	16.322	5911188	55.051 ug/ml
12) N-OCTACOSANE	17.274	5790098	53.845 ug/ml
13) N-TRIACONTANE	18.167	5922151	54.677 ug/ml
14) N-DOTRIACONTANE	19.002	5855503	55.839 ug/ml
15) N-TETRATRIACONTANE	19.787	5422102	56.516 ug/ml
16) N-HEXATRIACONTANE	20.530	4975199	59.638 ug/ml
17) N-OCTATRIACONTANE	21.296	4798495	65.156 ug/ml
18) N-TETRACONTANE	22.258	4815087	70.791 ug/ml

(f)=RT Delta > 1/2 Window

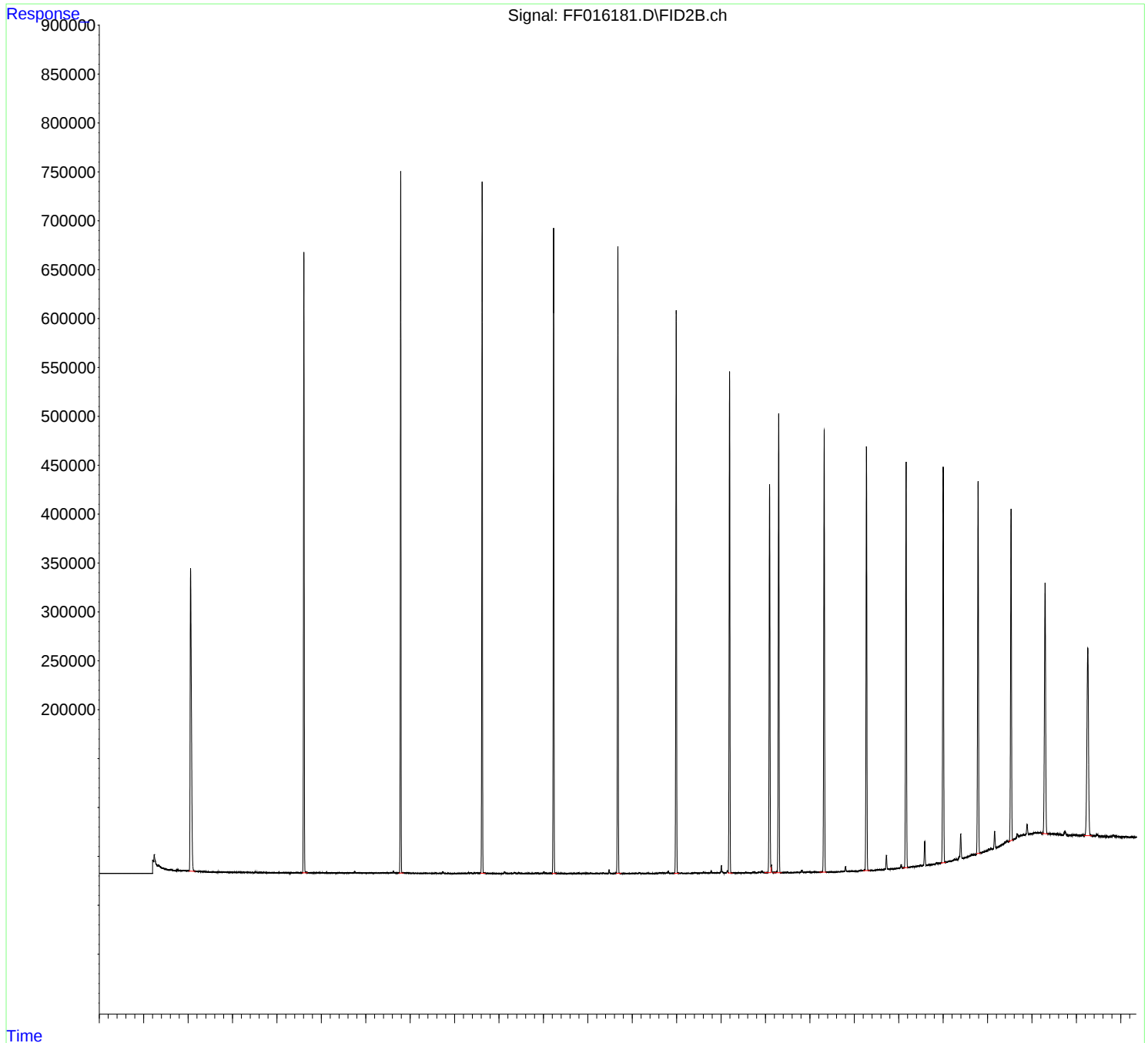
(m)=manual int.

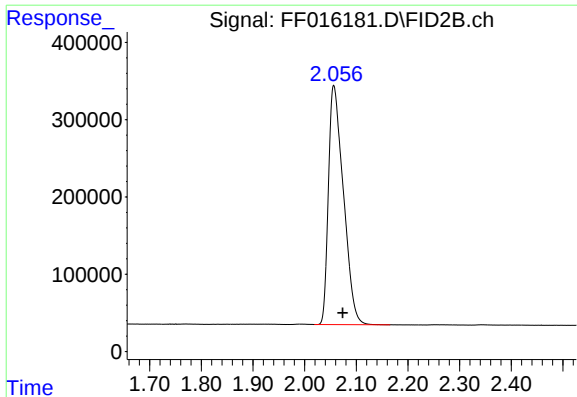
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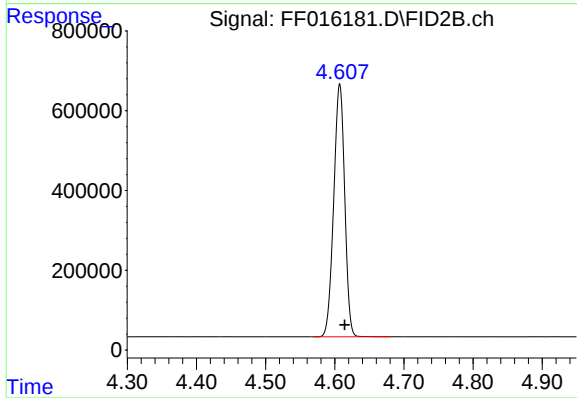




#1 N-OCTANE

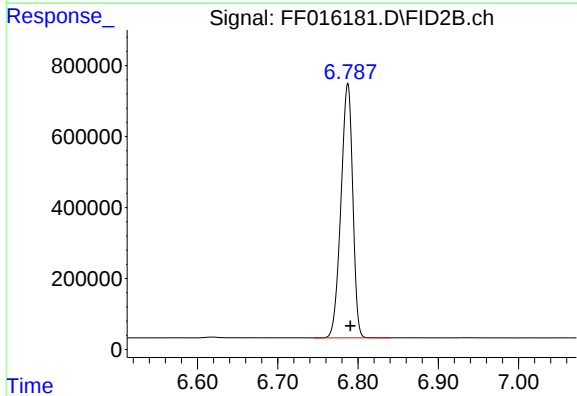
R.T.: 2.057 min
Delta R.T.: -0.017 min
Response: 6211182
Conc: 49.80 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



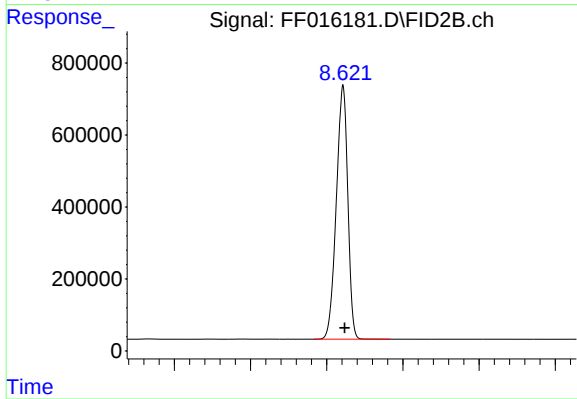
#2 N-DECANE

R.T.: 4.607 min
Delta R.T.: -0.007 min
Response: 6994328
Conc: 56.20 ug/ml



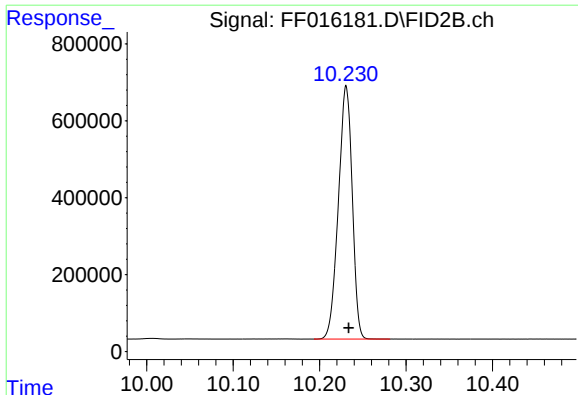
#3 N-DODECANE

R.T.: 6.787 min
Delta R.T.: -0.003 min
Response: 7306410
Conc: 59.96 ug/ml



#4 N-TETRADECANE

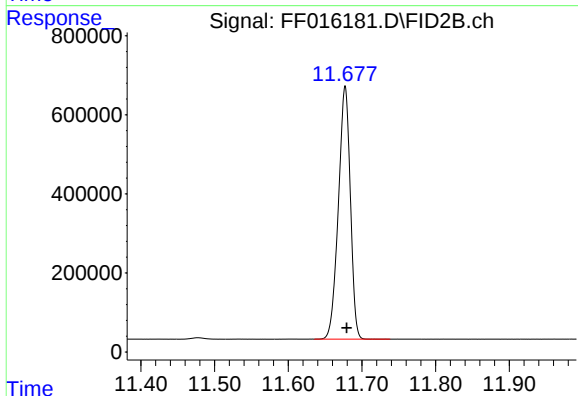
R.T.: 8.621 min
Delta R.T.: -0.002 min
Response: 7387034
Conc: 61.45 ug/ml



#5 N-HEXADECANE

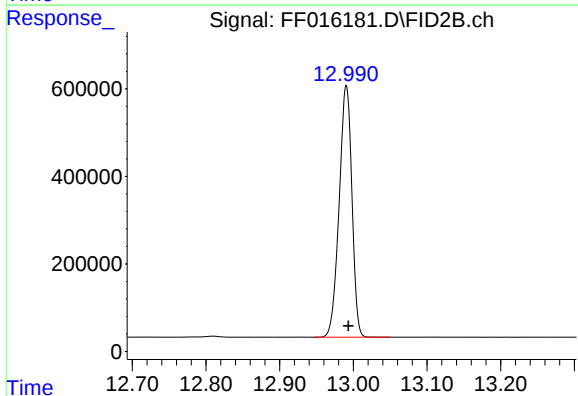
R.T.: 10.231 min
Delta R.T.: -0.003 min
Response: 7317246
Conc: 62.90 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



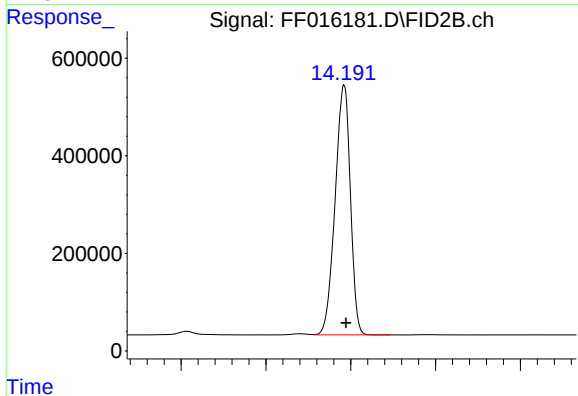
#6 N-OCTADECANE

R.T.: 11.677 min
Delta R.T.: -0.002 min
Response: 7205737
Conc: 62.01 ug/ml



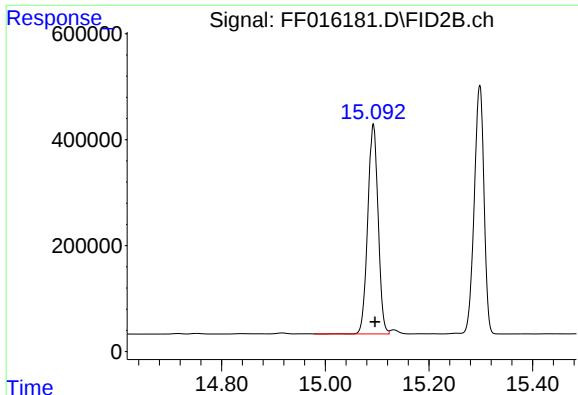
#7 N-EICOSANE

R.T.: 12.991 min
Delta R.T.: -0.003 min
Response: 6908572
Conc: 59.07 ug/ml



#8 N-DOCOSANE

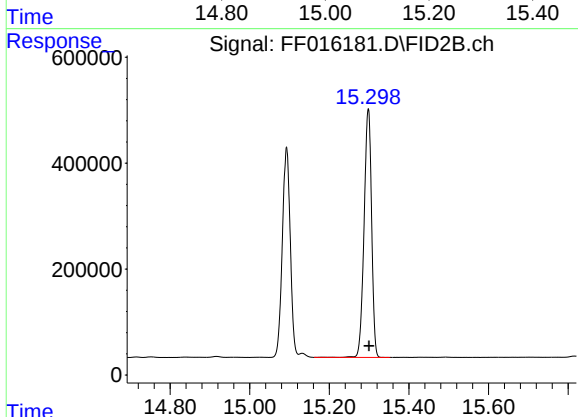
R.T.: 14.192 min
Delta R.T.: -0.002 min
Response: 6398734
Conc: 57.07 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

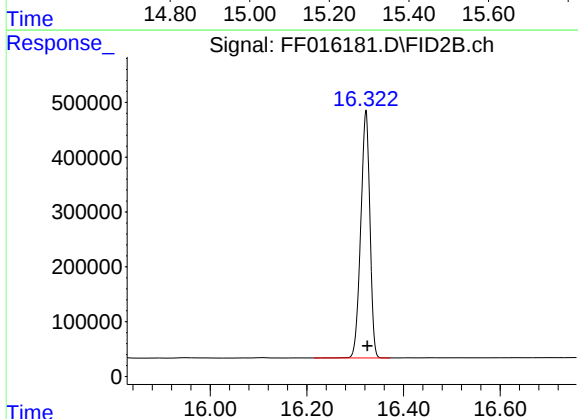
R.T.: 15.093 min
Delta R.T.: -0.003 min
Response: 5498638
Conc: 56.47 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



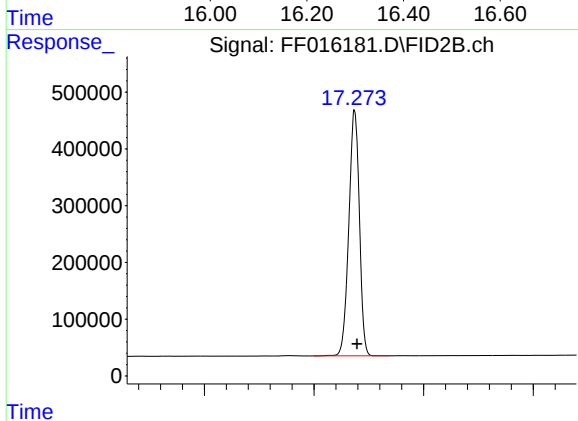
#10 N-TETRACOSANE

R.T.: 15.298 min
Delta R.T.: -0.002 min
Response: 6145356
Conc: 55.41 ug/ml



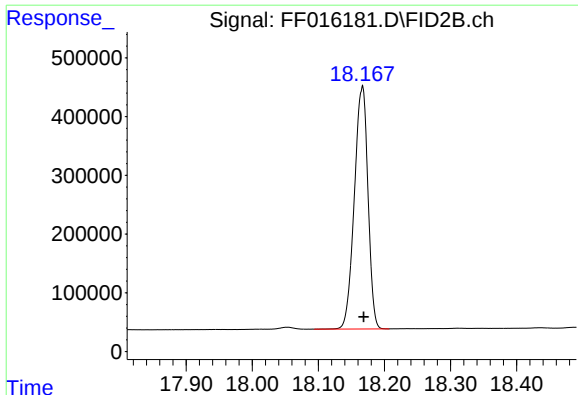
#11 N-HEXACOSANE

R.T.: 16.322 min
Delta R.T.: -0.003 min
Response: 5911188
Conc: 55.05 ug/ml



#12 N-OCTACOSANE

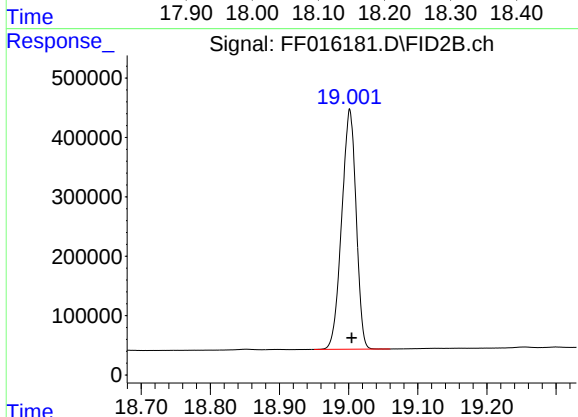
R.T.: 17.274 min
Delta R.T.: -0.005 min
Response: 5790098
Conc: 53.84 ug/ml



#13 N-TRIACONTANE

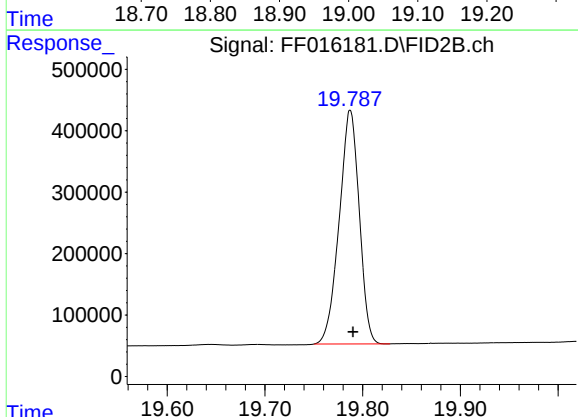
R.T.: 18.167 min
Delta R.T.: -0.002 min
Response: 5922151
Conc: 54.68 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



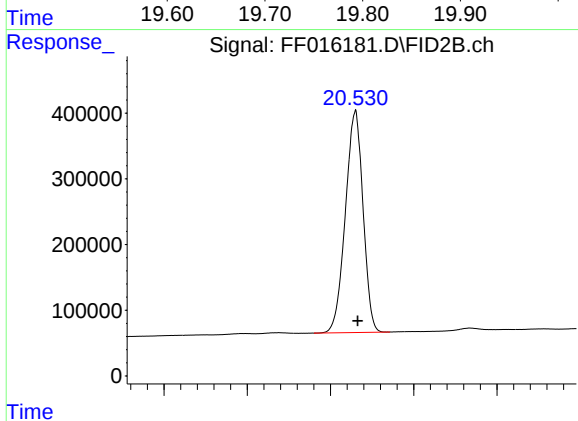
#14 N-DOTRIACONTANE

R.T.: 19.002 min
Delta R.T.: -0.003 min
Response: 5855503
Conc: 55.84 ug/ml



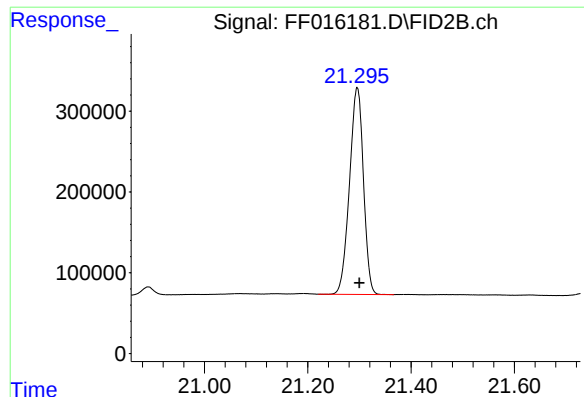
#15 N-TETRATRIACONTANE

R.T.: 19.787 min
Delta R.T.: -0.003 min
Response: 5422102
Conc: 56.52 ug/ml



#16 N-HEXATRIACONTANE

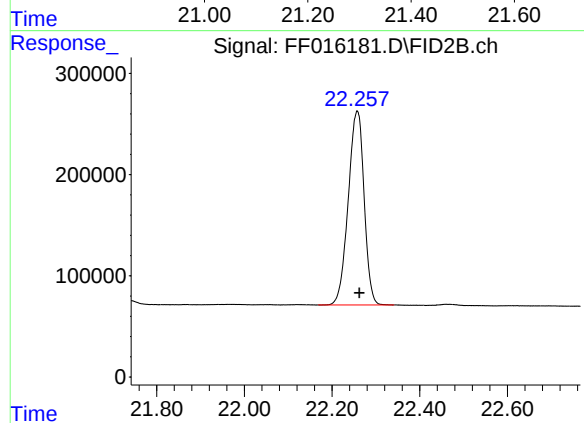
R.T.: 20.530 min
Delta R.T.: -0.003 min
Response: 4975199
Conc: 59.64 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.296 min
Delta R.T.: -0.004 min
Response: 4798495
Conc: 65.16 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.258 min
Delta R.T.: -0.005 min
Response: 4815087
Conc: 70.79 ug/ml