

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF071025\
 Data File : FF016145.D
 Signal(s) : FID2B.ch
 Acq On : 10 Jul 2025 20:11
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Jul 11 03:15:19 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...	15.099	5207912	53.483 ug/ml
Target Compounds			
1) N-OCTANE	2.067	6785547	54.400 ug/ml
2) N-DECANE	4.614	7042755	56.589 ug/ml
3) N-DODECANE	6.793	6980159	57.282 ug/ml
4) N-TETRADECANE	8.627	6761123	56.239 ug/ml
5) N-HEXADECANE	10.236	6549222	56.302 ug/ml
6) N-OCTADECANE	11.683	6461155	55.600 ug/ml
7) N-EICOSANE	12.996	6311078	53.963 ug/ml
8) N-DOCOSANE	14.198	6033303	53.809 ug/ml
10) N-TETRACOSANE	15.305	5960941	53.746 ug/ml
11) N-HEXACOSANE	16.328	5878610	54.748 ug/ml
12) N-OCTACOSANE	17.283	5791434	53.857 ug/ml
13) N-TRIACONTANE	18.173	5843543	53.952 ug/ml
14) N-DOTRIACONTANE	19.008	5672157	54.091 ug/ml
15) N-TETRATRIACONTANE	19.795	5102878	53.189 ug/ml
16) N-HEXATRIACONTANE	20.536	4438561	53.206 ug/ml
17) N-OCTATRIACONTANE	21.305	4001940	54.340 ug/ml
18) N-TETRACONTANE	22.267	3865886	56.836 ug/ml

(f)=RT Delta > 1/2 Window

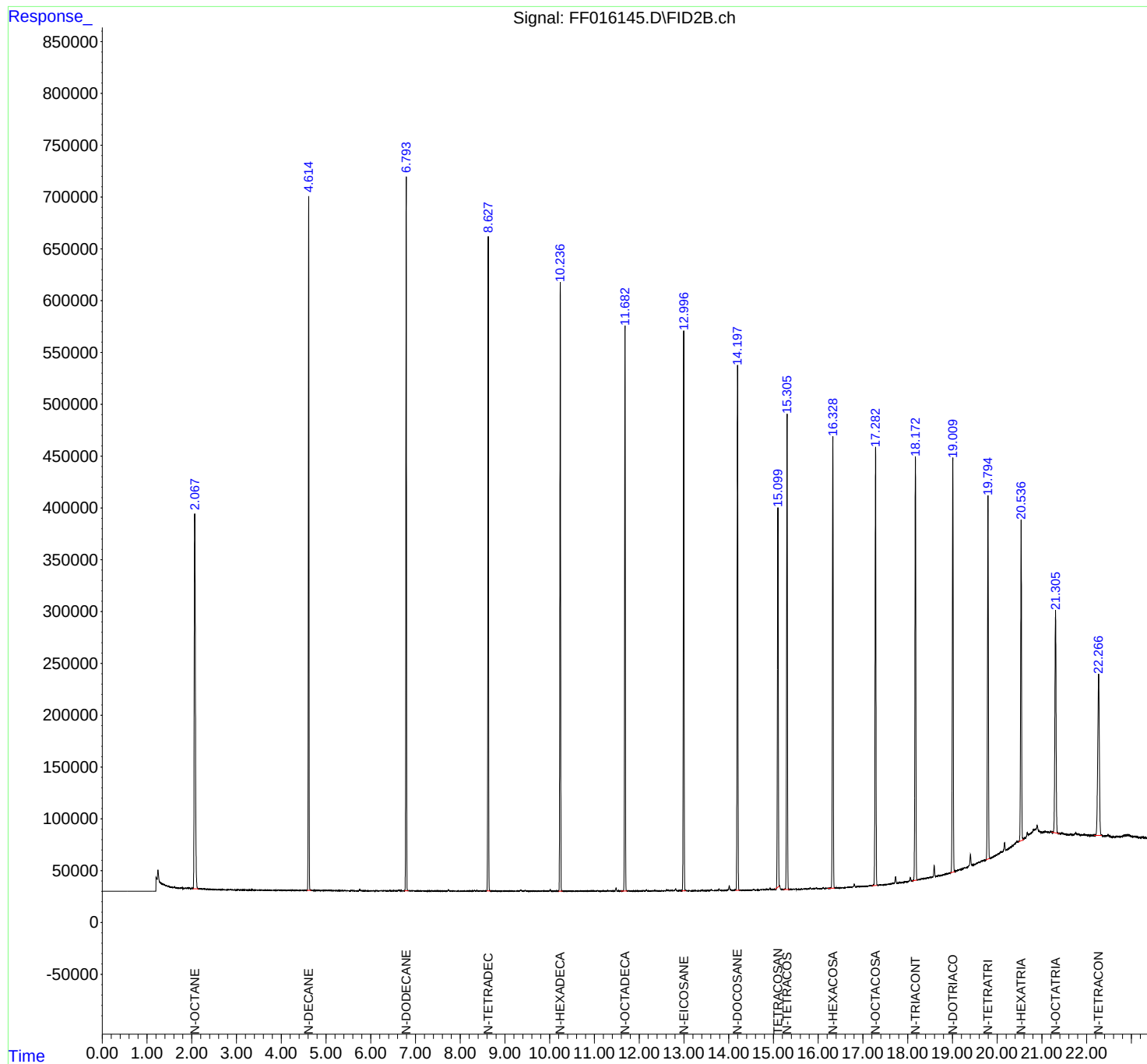
(m)=manual int.

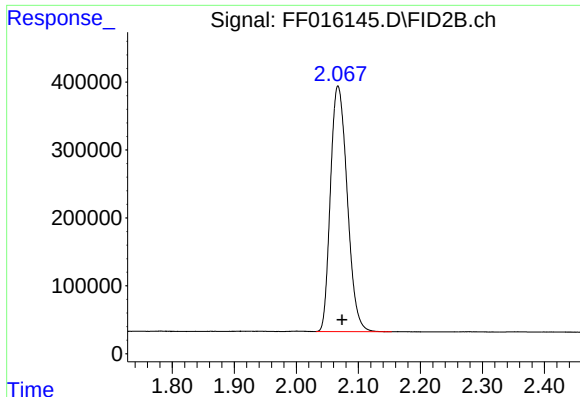
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Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

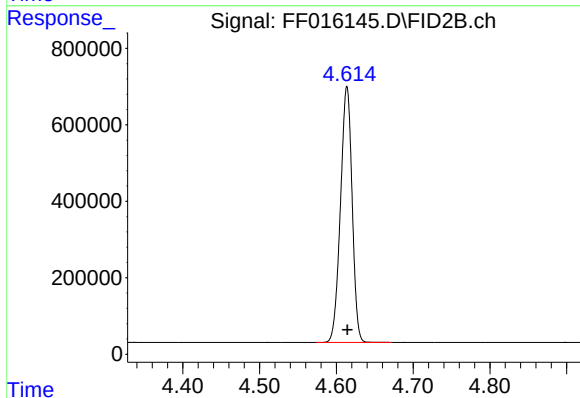




#1 N-OCTANE

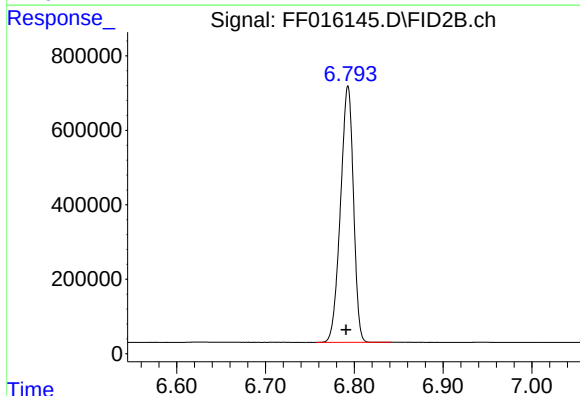
R.T.: 2.067 min
Delta R.T.: -0.007 min
Response: 6785547
Conc: 54.40 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



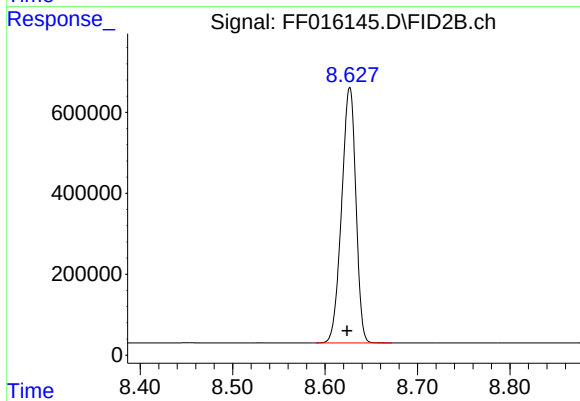
#2 N-DECANE

R.T.: 4.614 min
Delta R.T.: 0.000 min
Response: 7042755
Conc: 56.59 ug/ml



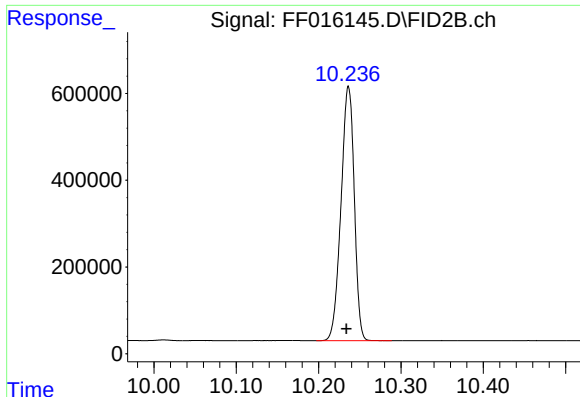
#3 N-DODECANE

R.T.: 6.793 min
Delta R.T.: 0.002 min
Response: 6980159
Conc: 57.28 ug/ml



#4 N-TETRADECANE

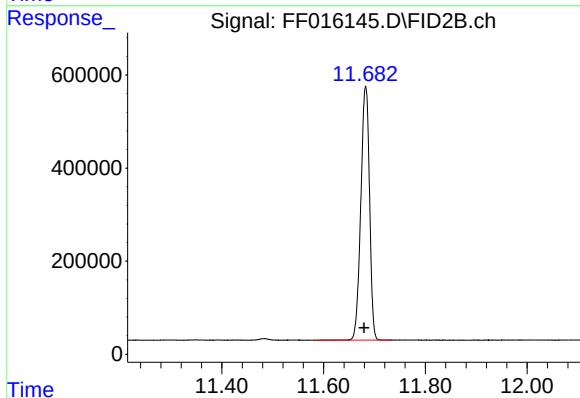
R.T.: 8.627 min
Delta R.T.: 0.003 min
Response: 6761123
Conc: 56.24 ug/ml



#5 N-HEXADECANE

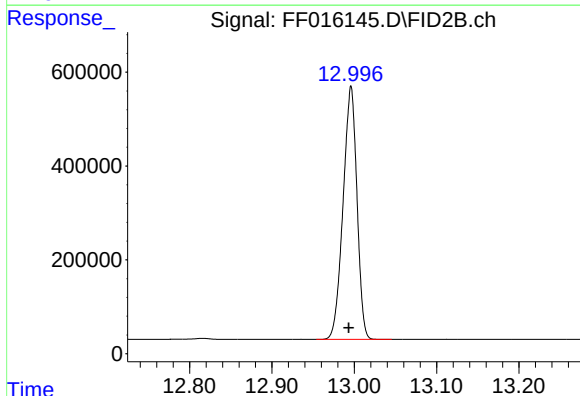
R.T.: 10.236 min
Delta R.T.: 0.003 min
Response: 6549222
Conc: 56.30 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



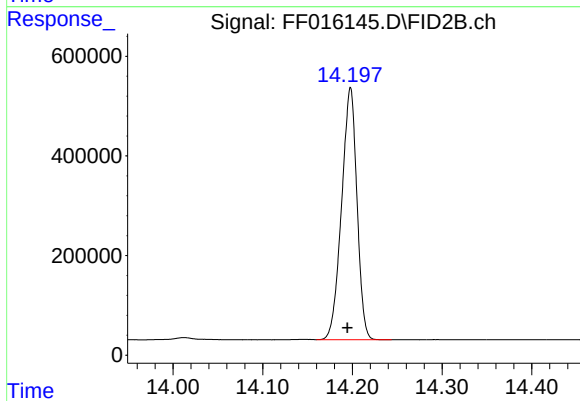
#6 N-OCTADECANE

R.T.: 11.683 min
Delta R.T.: 0.003 min
Response: 6461155
Conc: 55.60 ug/ml



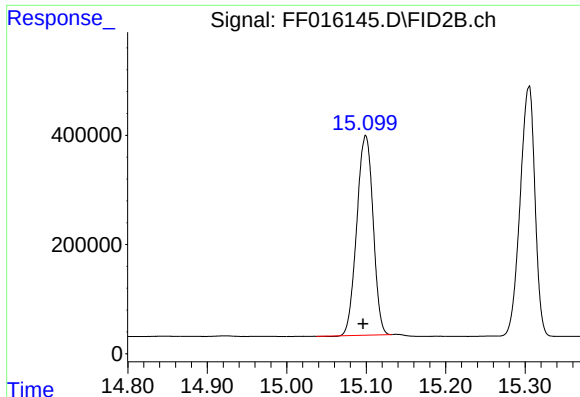
#7 N-EICOSANE

R.T.: 12.996 min
Delta R.T.: 0.003 min
Response: 6311078
Conc: 53.96 ug/ml



#8 N-DOCOSANE

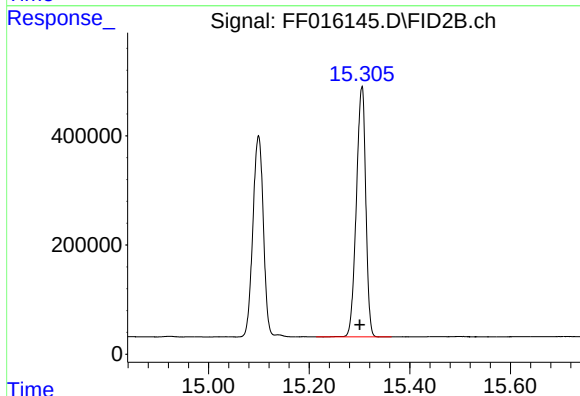
R.T.: 14.198 min
Delta R.T.: 0.003 min
Response: 6033303
Conc: 53.81 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

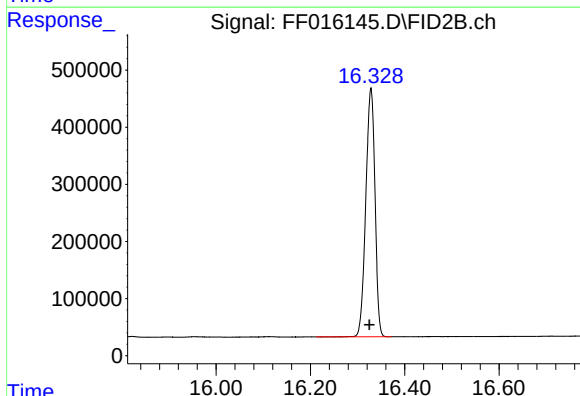
R.T.: 15.099 min
Delta R.T.: 0.003 min
Response: 5207912
Conc: 53.48 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



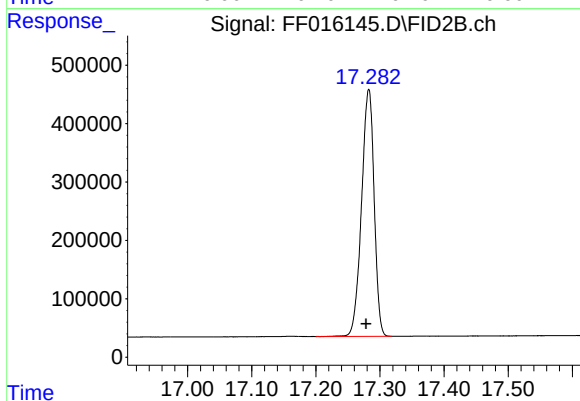
#10 N-TETRACOSANE

R.T.: 15.305 min
Delta R.T.: 0.005 min
Response: 5960941
Conc: 53.75 ug/ml



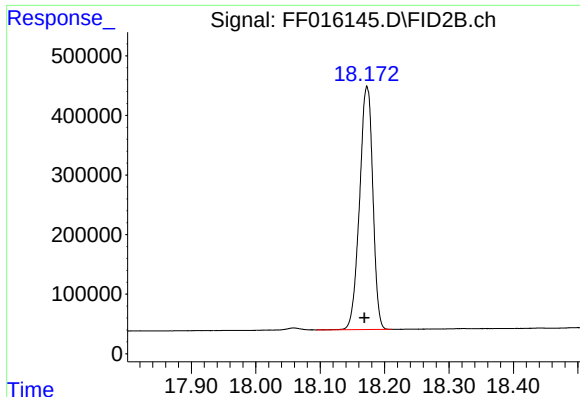
#11 N-HEXACOSANE

R.T.: 16.328 min
Delta R.T.: 0.003 min
Response: 5878610
Conc: 54.75 ug/ml



#12 N-OCTACOSANE

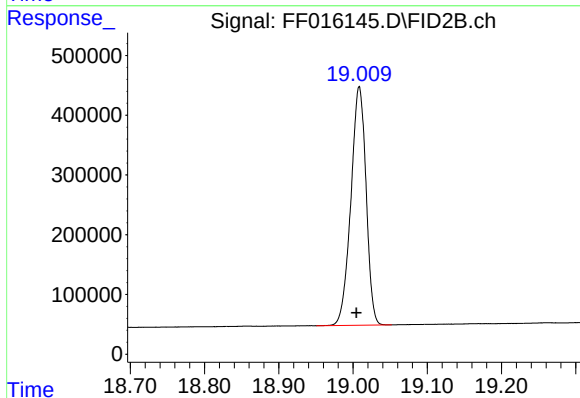
R.T.: 17.283 min
Delta R.T.: 0.004 min
Response: 5791434
Conc: 53.86 ug/ml



#13 N-TRIACONTANE

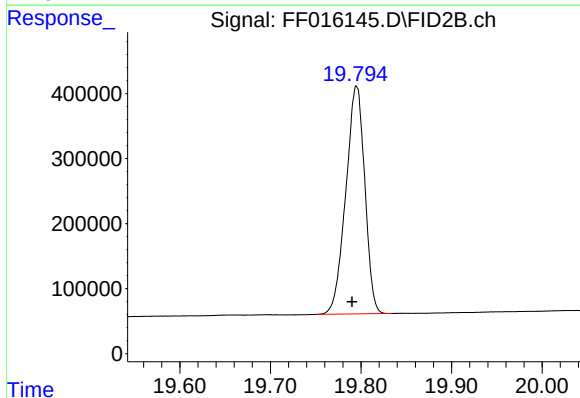
R.T.: 18.173 min
Delta R.T.: 0.004 min
Response: 5843543
Conc: 53.95 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



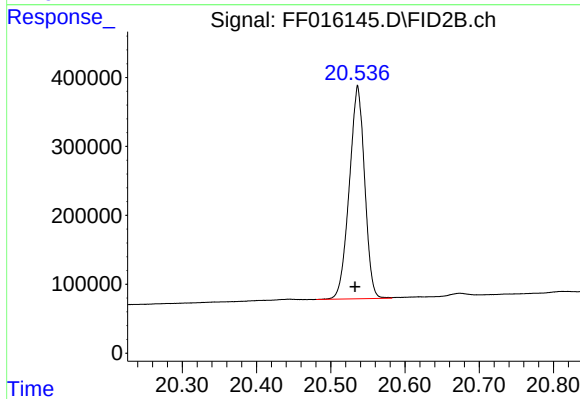
#14 N-DOTRIACONTANE

R.T.: 19.008 min
Delta R.T.: 0.004 min
Response: 5672157
Conc: 54.09 ug/ml



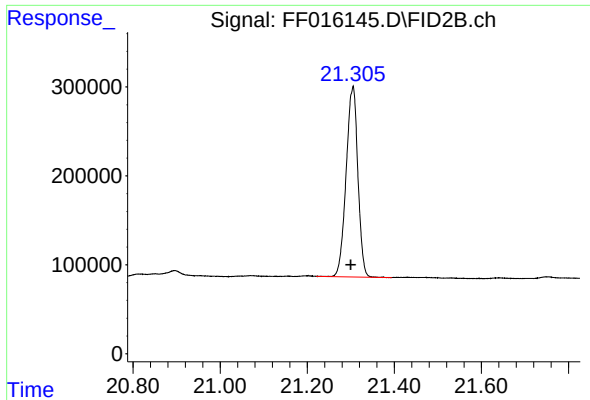
#15 N-TETRATRIACONTANE

R.T.: 19.795 min
Delta R.T.: 0.005 min
Response: 5102878
Conc: 53.19 ug/ml



#16 N-HEXATRIACONTANE

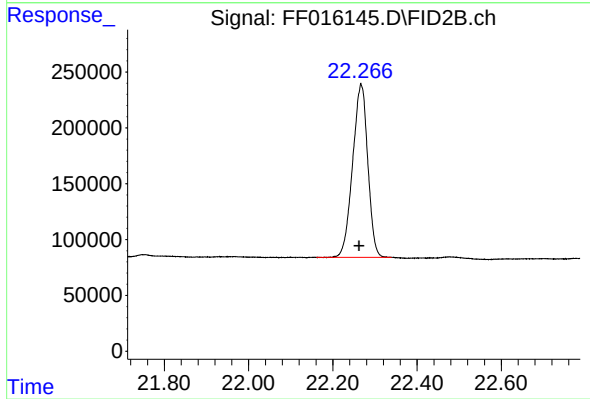
R.T.: 20.536 min
Delta R.T.: 0.004 min
Response: 4438561
Conc: 53.21 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.305 min
Delta R.T.: 0.005 min
Response: 4001940
Conc: 54.34 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.267 min
Delta R.T.: 0.005 min
Response: 3865886
Conc: 56.84 ug/ml