

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100225\
 Data File : FF016509.D
 Signal(s) : FID2B.ch
 Acq On : 02 Oct 2025 10:56
 Operator : YP\AJ
 Sample : 100 TRPH STD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 100 TRPH STD

Integration File: autoint1.e
 Quant Time: Oct 03 03:33:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF100225.M
 Quant Title :
 QLast Update : Fri Oct 03 03:31:45 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...	15.073	10172974	86.790 ug/ml
Target Compounds			
1) N-OCTANE	2.049	10565407	90.119 ug/ml
2) N-DECANE	4.588	10722363	89.155 ug/ml
3) N-DODECANE	6.767	10825018	88.378 ug/ml
4) N-TETRADECANE	8.601	10965131	88.839 ug/ml
5) N-HEXADECANE	10.210	10980117	87.727 ug/ml
6) N-OCTADECANE	11.657	11281816	87.296 ug/ml
7) N-EICOSANE	12.970	11665985	88.578 ug/ml
8) N-DOCOSANE	14.172	11469648	88.253 ug/ml
10) N-TETRACOSANE	15.279	11582319	88.123 ug/ml
11) N-HEXACOSANE	16.303	11409073	86.652 ug/ml
12) N-OCTACOSANE	17.255	11483683	88.280 ug/ml
13) N-TRIACONTANE	18.147	11453404	88.045 ug/ml
14) N-DOTRIACONTANE	18.982	10843109	90.111 ug/ml
15) N-TETRATRIACONTANE	19.768	9824819	99.995 ug/ml
16) N-HEXATRIACONTANE	20.509	8294140	108.679 ug/ml
17) N-OCTATRIACONTANE	21.268	7163278	112.355 ug/ml
18) N-TETRACONTANE	22.217	6328047	112.671 ug/ml

(f)=RT Delta > 1/2 Window

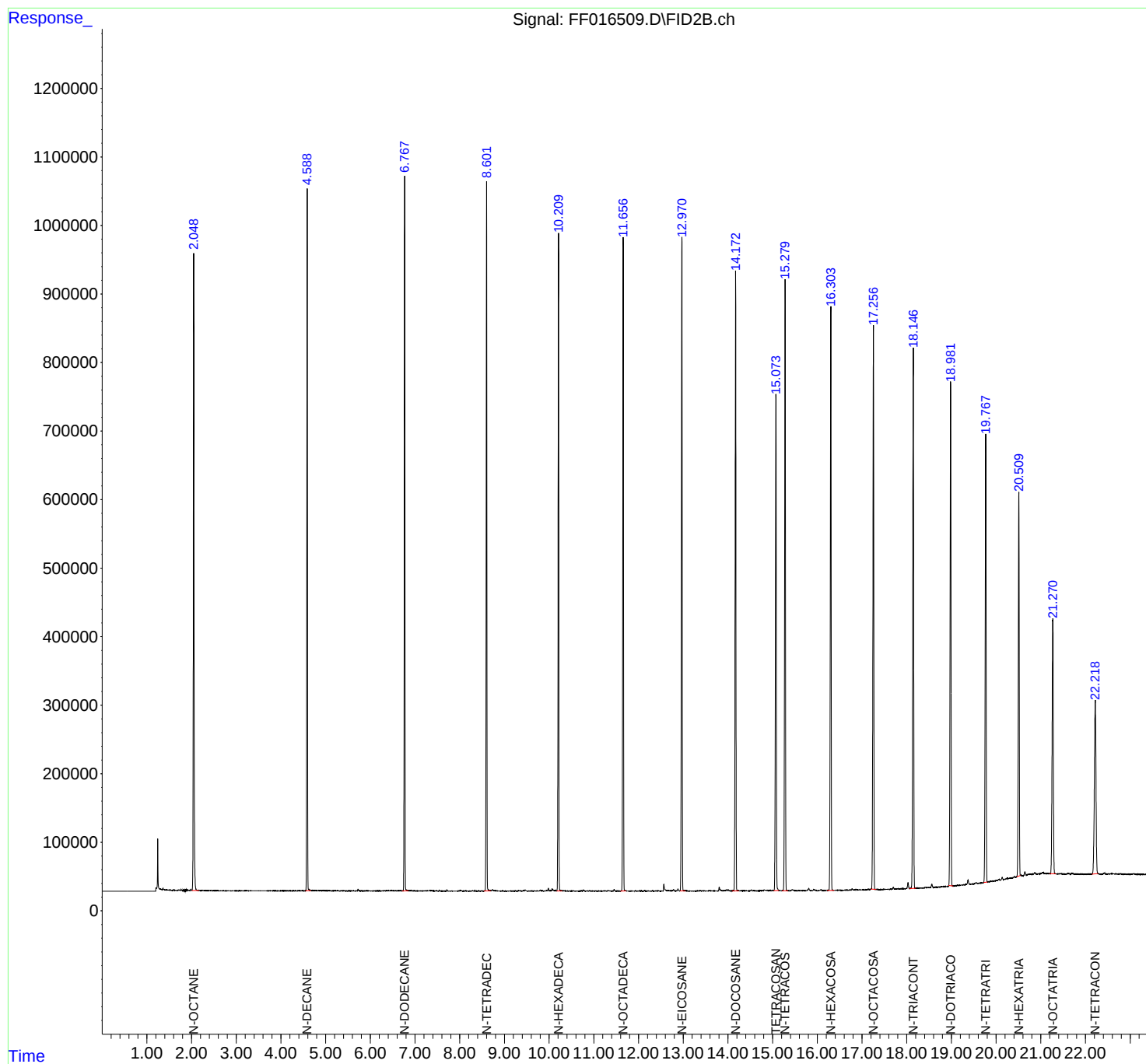
(m)=manual int.

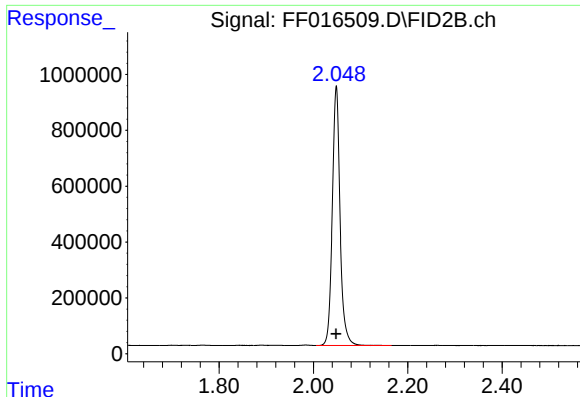
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Signal Info : 20mx0.18mmx0.18um

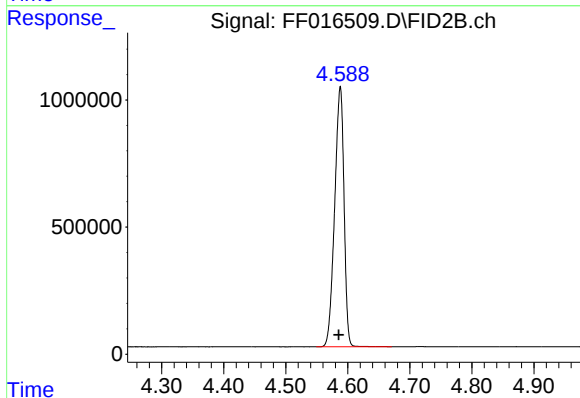




#1 N-OCTANE

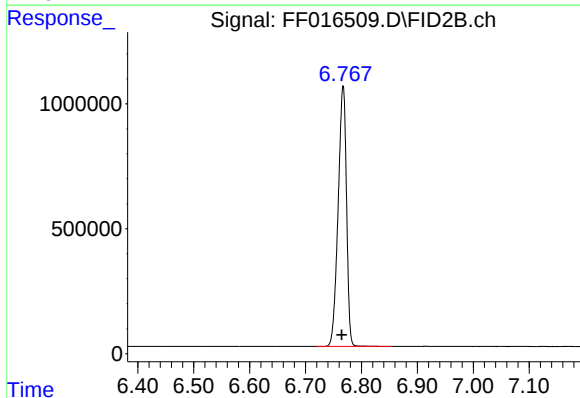
R.T.: 2.049 min
Delta R.T.: 0.000 min
Response: 10565407
Conc: 90.12 ug/ml

Instrument :
FID_F
ClientSampleId :
100 TRPH STD



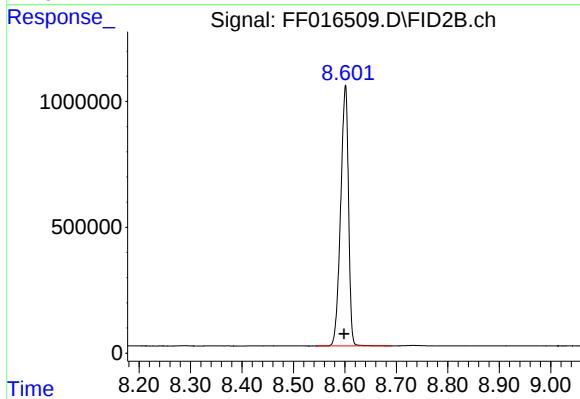
#2 N-DECANE

R.T.: 4.588 min
Delta R.T.: 0.002 min
Response: 10722363
Conc: 89.16 ug/ml



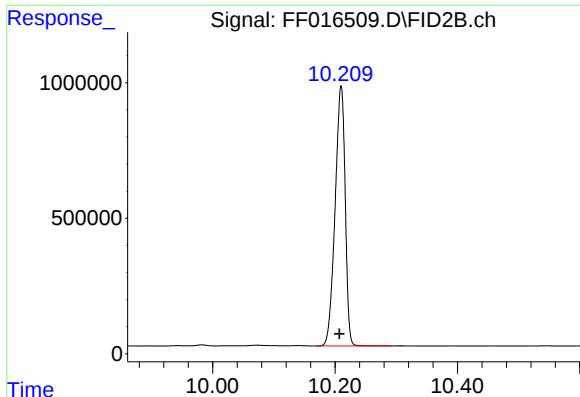
#3 N-DODECANE

R.T.: 6.767 min
Delta R.T.: 0.002 min
Response: 10825018
Conc: 88.38 ug/ml



#4 N-TETRADECANE

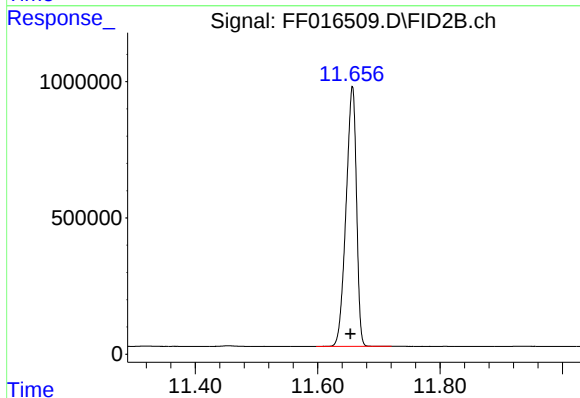
R.T.: 8.601 min
Delta R.T.: 0.003 min
Response: 10965131
Conc: 88.84 ug/ml



#5 N-HEXADECANE

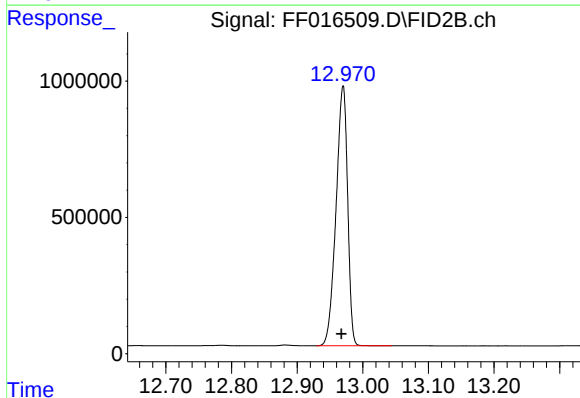
R.T.: 10.210 min
Delta R.T.: 0.003 min
Response: 10980117
Conc: 87.73 ug/ml

Instrument :
FID_F
ClientSampleId :
100 TRPH STD



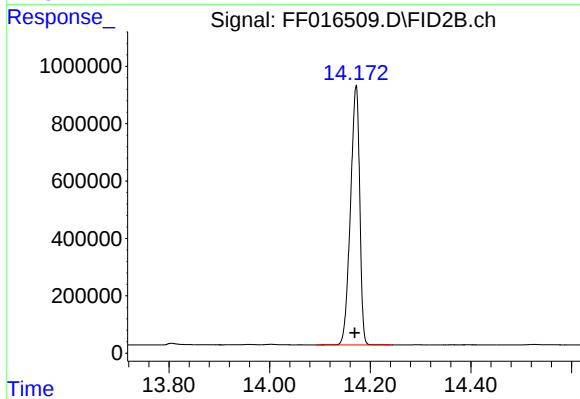
#6 N-OCTADECANE

R.T.: 11.657 min
Delta R.T.: 0.003 min
Response: 11281816
Conc: 87.30 ug/ml



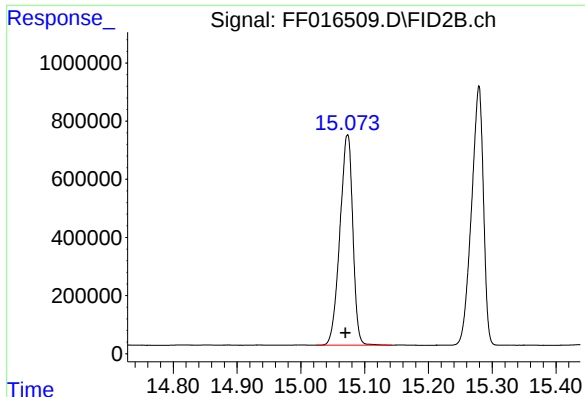
#7 N-EICOSANE

R.T.: 12.970 min
Delta R.T.: 0.003 min
Response: 11665985
Conc: 88.58 ug/ml



#8 N-DOCOSANE

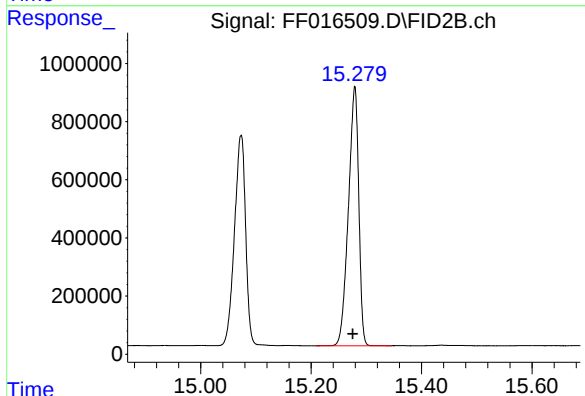
R.T.: 14.172 min
Delta R.T.: 0.003 min
Response: 11469648
Conc: 88.25 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

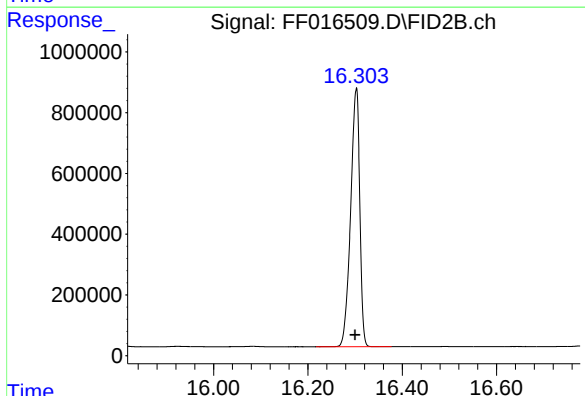
R.T.: 15.073 min
Delta R.T.: 0.003 min
Response: 10172974
Conc: 86.79 ug/ml

Instrument :
FID_F
ClientSampleId :
100 TRPH STD



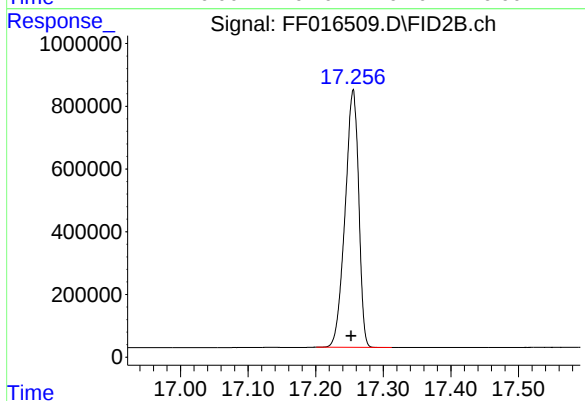
#10 N-TETRACOSANE

R.T.: 15.279 min
Delta R.T.: 0.004 min
Response: 11582319
Conc: 88.12 ug/ml



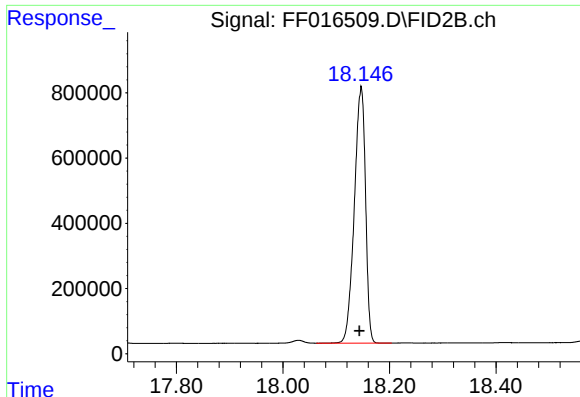
#11 N-HEXACOSANE

R.T.: 16.303 min
Delta R.T.: 0.003 min
Response: 11409073
Conc: 86.65 ug/ml



#12 N-OCTACOSANE

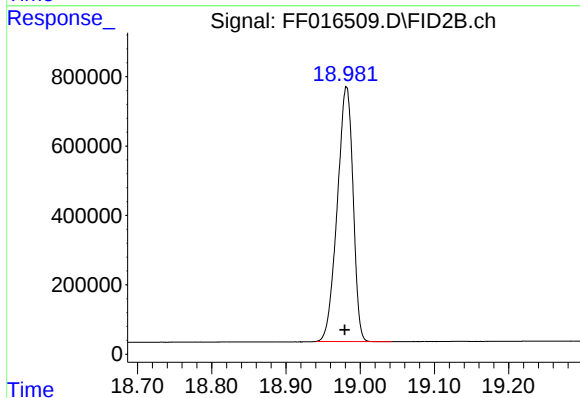
R.T.: 17.255 min
Delta R.T.: 0.003 min
Response: 11483683
Conc: 88.28 ug/ml



#13 N-TRIACONTANE

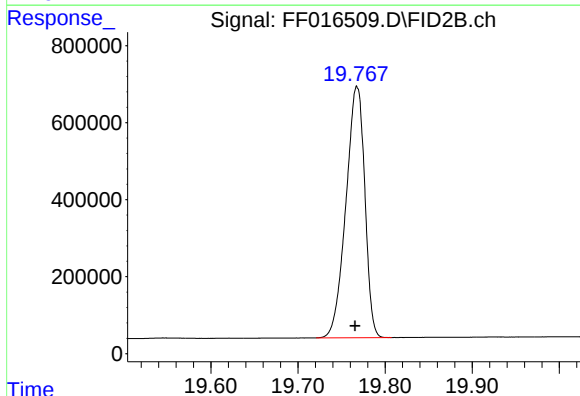
R.T.: 18.147 min
Delta R.T.: 0.004 min
Response: 11453404
Conc: 88.04 ug/ml

Instrument :
FID_F
ClientSampleId :
100 TRPH STD



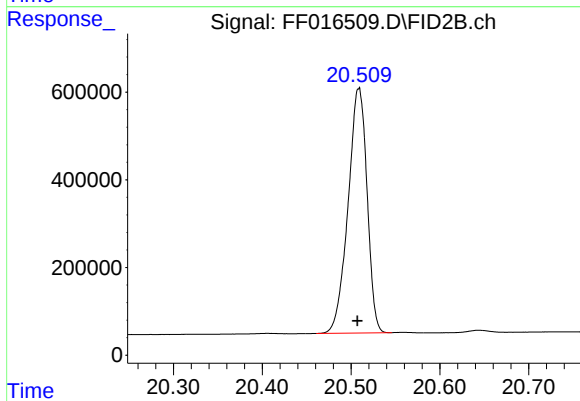
#14 N-DOTRIACONTANE

R.T.: 18.982 min
Delta R.T.: 0.002 min
Response: 10843109
Conc: 90.11 ug/ml



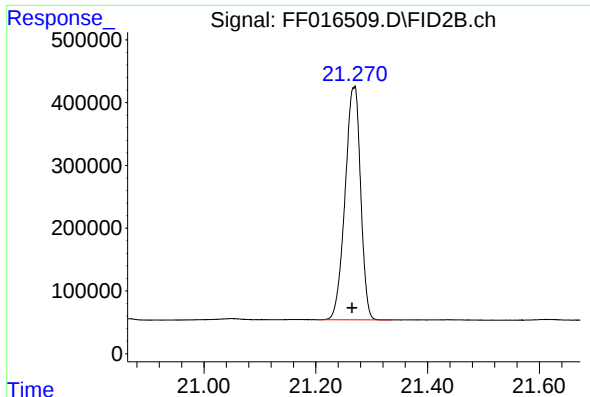
#15 N-TETRATRIACONTANE

R.T.: 19.768 min
Delta R.T.: 0.002 min
Response: 9824819
Conc: 100.00 ug/ml



#16 N-HEXATRIACONTANE

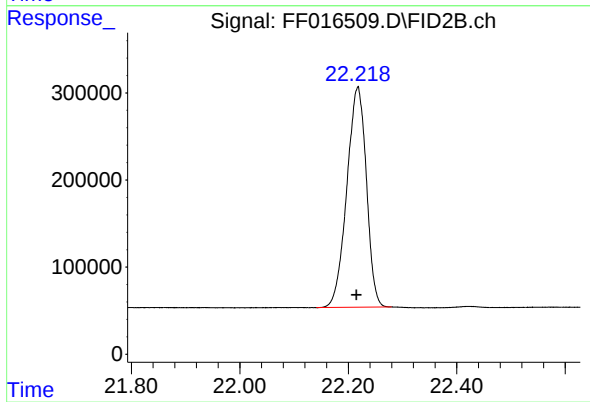
R.T.: 20.509 min
Delta R.T.: 0.001 min
Response: 8294140
Conc: 108.68 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.268 min
Delta R.T.: 0.004 min
Response: 7163278
Conc: 112.36 ug/ml

Instrument :
FID_F
ClientSampleId :
100 TRPH STD



#18 N-TETRACONTANE

R.T.: 22.217 min
Delta R.T.: 0.003 min
Response: 6328047
Conc: 112.67 ug/ml