

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103025\
 Data File : FF016642.D
 Signal(s) : FID2B.ch
 Acq On : 30 Oct 2025 16:19
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 31 02:23:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102925.M
 Quant Title :
 QLast Update : Wed Oct 29 12:48:52 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...	15.064	4908262	46.980 ug/ml
Target Compounds			
1) N-OCTANE	2.042	5503468	49.583 ug/ml
2) N-DECANE	4.576	5661170	51.164 ug/ml
3) N-DODECANE	6.756	5701201	51.322 ug/ml
4) N-TETRADECANE	8.589	5690854	50.942 ug/ml
5) N-HEXADECANE	10.199	5653977	50.321 ug/ml
6) N-OCTADECANE	11.645	5767112	49.280 ug/ml
7) N-EICOSANE	12.958	5883664	48.185 ug/ml
8) N-DOCOSANE	14.162	5666373	47.535 ug/ml
10) N-TETRACOSANE	15.268	5594925	47.219 ug/ml
11) N-HEXACOSANE	16.293	5363442	46.688 ug/ml
12) N-OCTACOSANE	17.247	5258244	46.143 ug/ml
13) N-TRIACONTANE	18.140	5268771	46.893 ug/ml
14) N-DOTRIACONTANE	18.976	5244186	48.921 ug/ml
15) N-TETRATRIACONTANE	19.764	4997205	50.856 ug/ml
16) N-HEXATRIACONTANE	20.506	4452874	52.075 ug/ml
17) N-OCTATRIACONTANE	21.265	3930120	51.205 ug/ml
18) N-TETRACONTANE	22.216	3603495	52.800 ug/ml

(f)=RT Delta > 1/2 Window

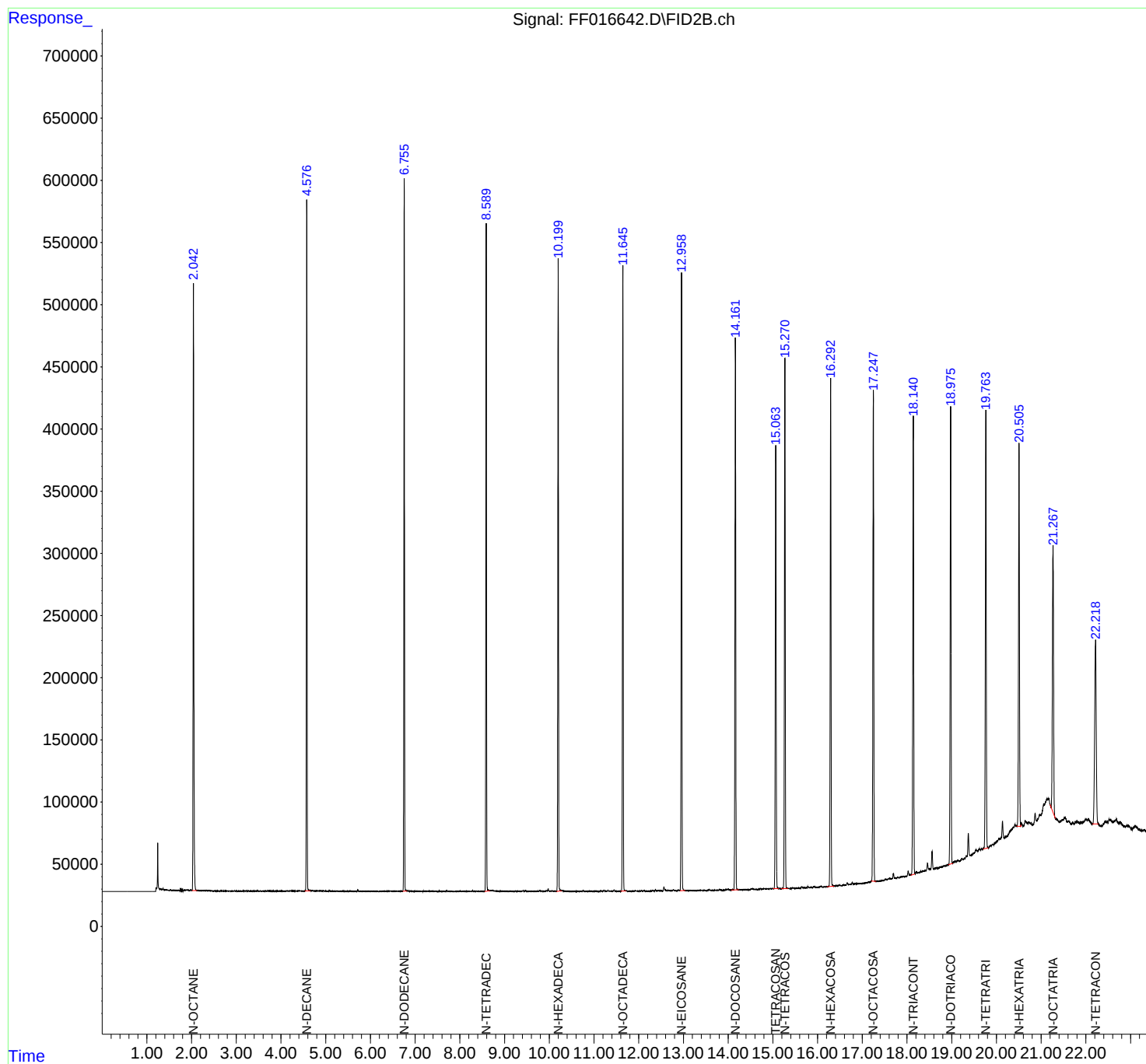
(m)=manual int.

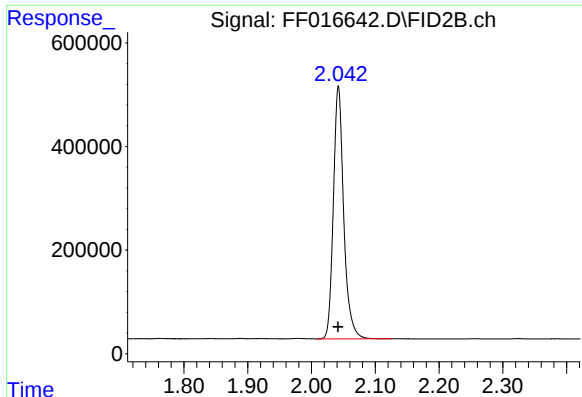
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

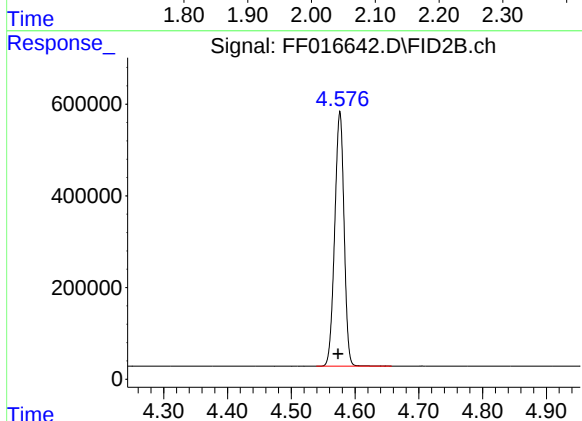




#1 N-OCTANE

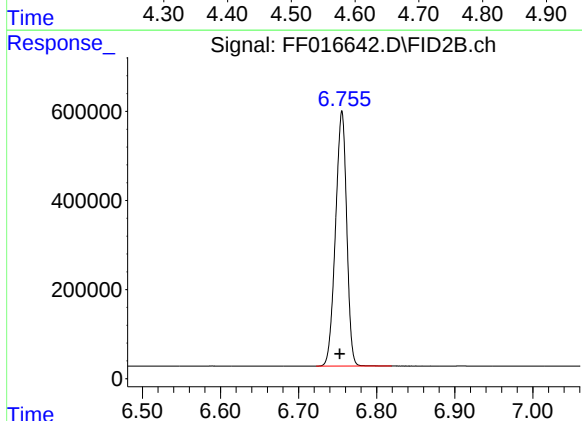
R.T.: 2.042 min
Delta R.T.: 0.000 min
Response: 5503468
Conc: 49.58 ug/ml

Instrument :
FID_E
ClientSampleId :



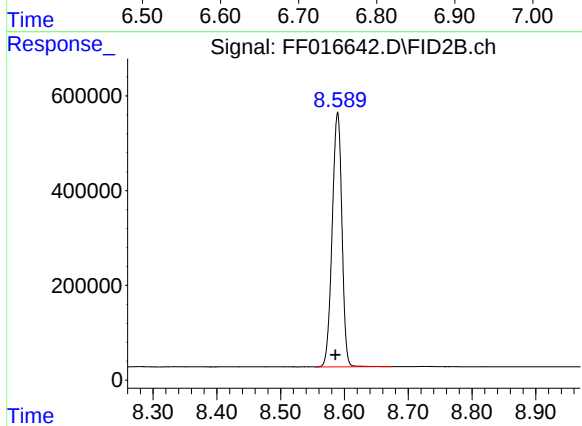
#2 N-DECANE

R.T.: 4.576 min
Delta R.T.: 0.003 min
Response: 5661170
Conc: 51.16 ug/ml



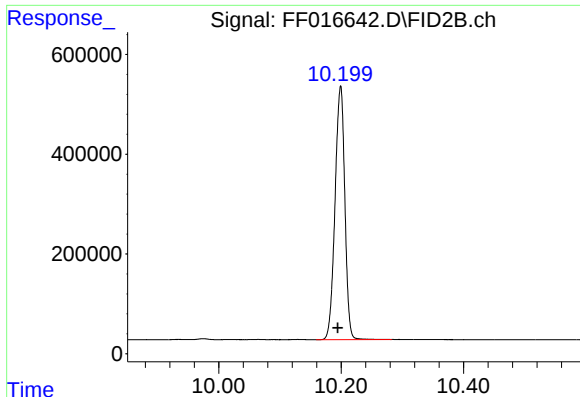
#3 N-DODECANE

R.T.: 6.756 min
Delta R.T.: 0.003 min
Response: 5701201
Conc: 51.32 ug/ml



#4 N-TETRADECANE

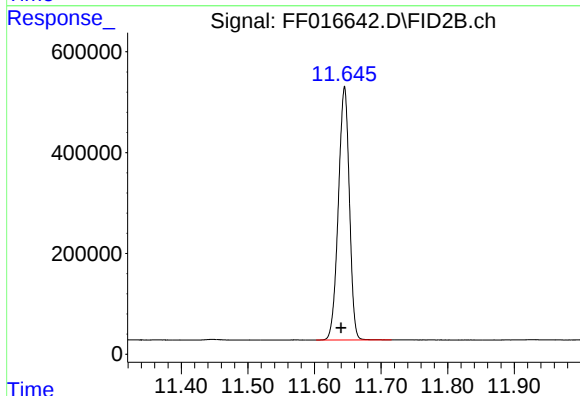
R.T.: 8.589 min
Delta R.T.: 0.004 min
Response: 5690854
Conc: 50.94 ug/ml



#5 N-HEXADECANE

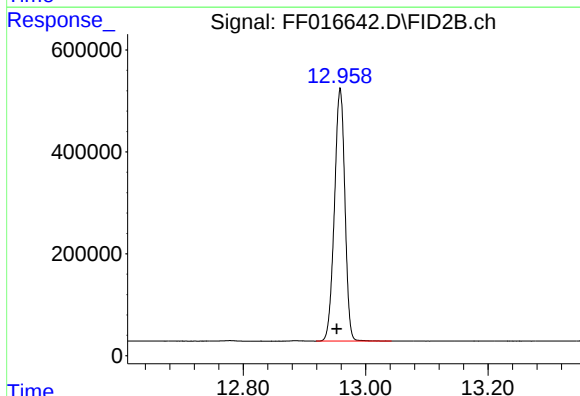
R.T.: 10.199 min
Delta R.T.: 0.005 min
Response: 5653977
Conc: 50.32 ug/ml

Instrument :
FID_E
ClientSampleId :



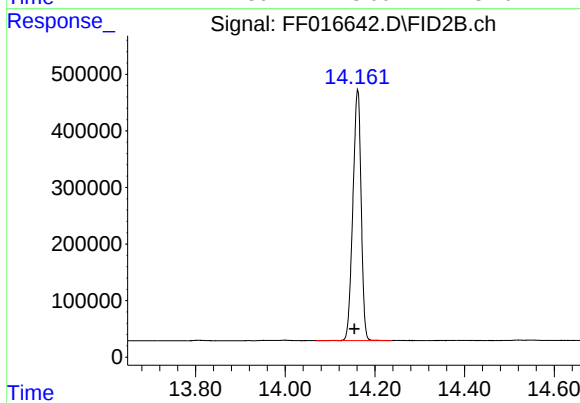
#6 N-OCTADECANE

R.T.: 11.645 min
Delta R.T.: 0.005 min
Response: 5767112
Conc: 49.28 ug/ml



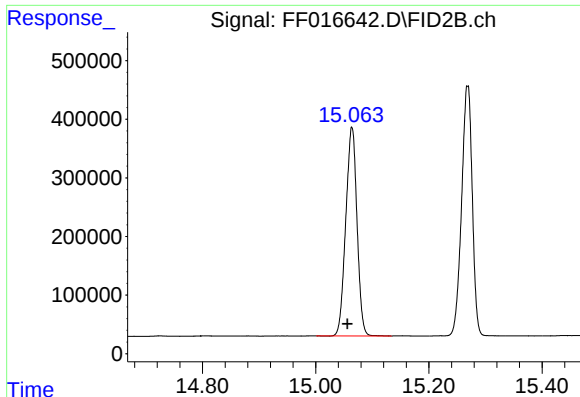
#7 N-EICOSANE

R.T.: 12.958 min
Delta R.T.: 0.006 min
Response: 5883664
Conc: 48.18 ug/ml



#8 N-DOCOSANE

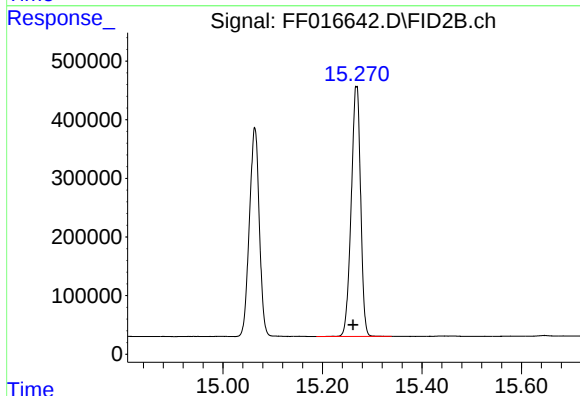
R.T.: 14.162 min
Delta R.T.: 0.007 min
Response: 5666373
Conc: 47.53 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

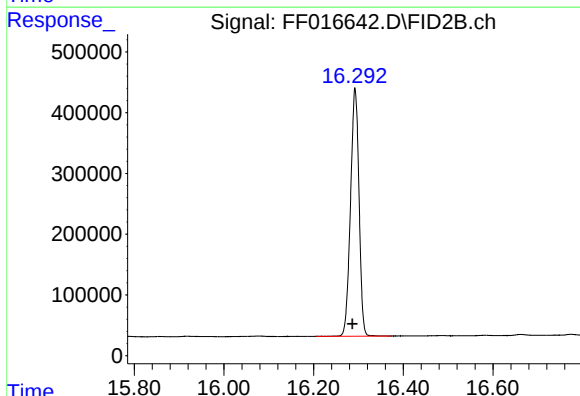
R.T.: 15.064 min
Delta R.T.: 0.008 min
Response: 4908262
Conc: 46.98 ug/ml

Instrument :
FID_E
ClientSampleId :



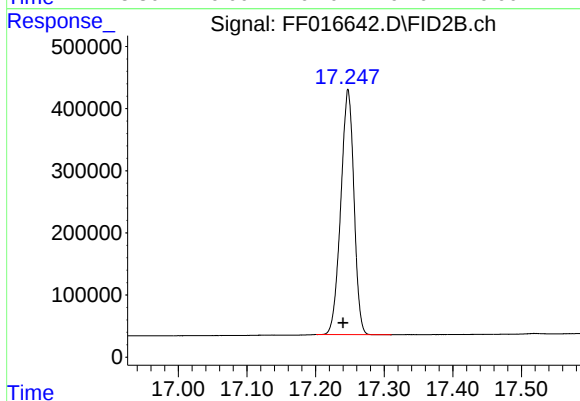
#10 N-TETRACOSANE

R.T.: 15.268 min
Delta R.T.: 0.007 min
Response: 5594925
Conc: 47.22 ug/ml



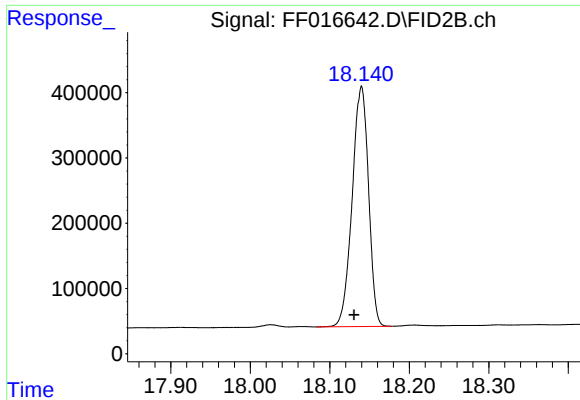
#11 N-HEXACOSANE

R.T.: 16.293 min
Delta R.T.: 0.006 min
Response: 5363442
Conc: 46.69 ug/ml



#12 N-OCTACOSANE

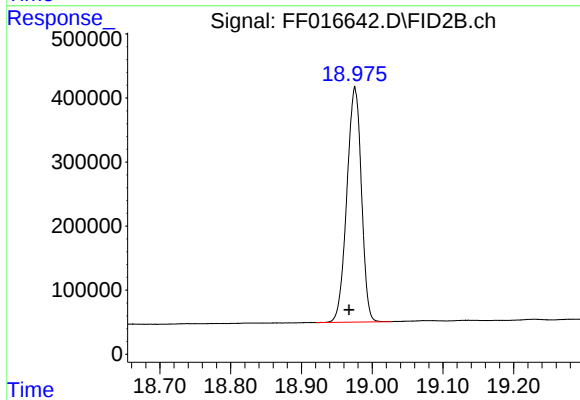
R.T.: 17.247 min
Delta R.T.: 0.007 min
Response: 5258244
Conc: 46.14 ug/ml



#13 N-TRIACONTANE

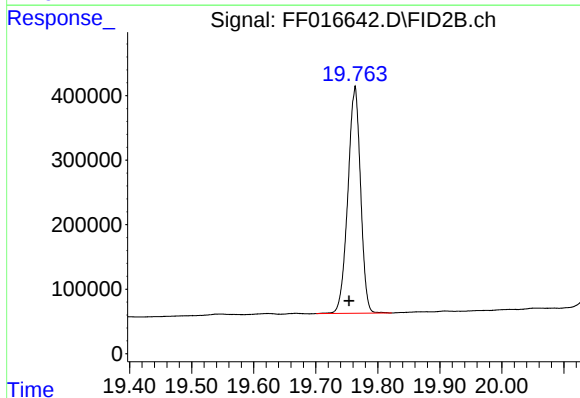
R.T.: 18.140 min
Delta R.T.: 0.009 min
Response: 5268771
Conc: 46.89 ug/ml

Instrument :
FID_E
ClientSampleId :



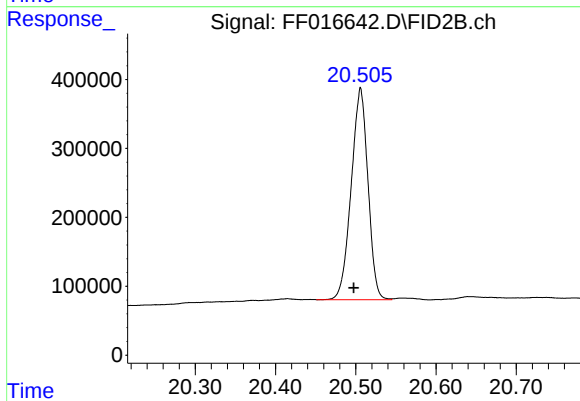
#14 N-DOTRIACONTANE

R.T.: 18.976 min
Delta R.T.: 0.008 min
Response: 5244186
Conc: 48.92 ug/ml



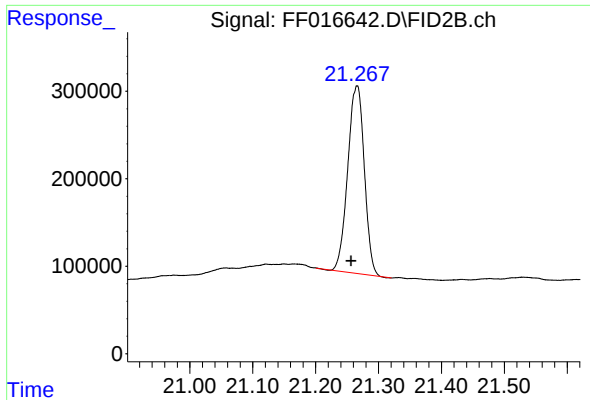
#15 N-TETRATRIACONTANE

R.T.: 19.764 min
Delta R.T.: 0.010 min
Response: 4997205
Conc: 50.86 ug/ml



#16 N-HEXATRIACONTANE

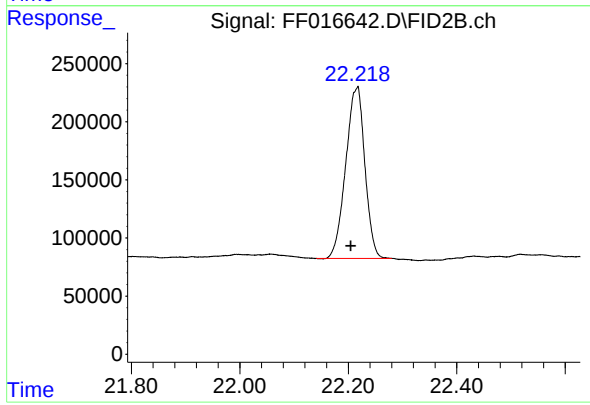
R.T.: 20.506 min
Delta R.T.: 0.008 min
Response: 4452874
Conc: 52.08 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.265 min
Delta R.T.: 0.009 min
Response: 3930120
Conc: 51.20 ug/ml

Instrument :
FID_E
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.216 min
Delta R.T.: 0.011 min
Response: 3603495
Conc: 52.80 ug/ml