Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102124\
Data File : FF014710.D
Signal(s) : FID2B.ch
Acq On : 21 Oct 2024 17:15
Operator : YP\AJ
Sample : 5 TRPH STD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
5 TRPH STD

Integration File: autoint1.e
Quant Time: Oct 21 17:35:32 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Quant Title :
QLast Update : Mon Oct 21 17:35:19 2024
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...	14.996	691394	5.254 ug/ml
Target Compounds				
1)	N-OCTANE	2.044	735139	5.284 ug/ml
2)	N-DECANE	4.560	756089	5.293 ug/ml
3)	N-DODECANE	6.722	768253	5.294 ug/ml
4)	N-TETRADECANE	8.545	775382	5.290 ug/ml
5)	N-HEXADECANE	10.150	775794	5.279 ug/ml
6)	N-OCTADECANE	11.591	792835	5.281 ug/ml
7)	N-EICOSANE	12.900	800046	5.274 ug/ml
8)	N-DOCOSANE	14.098	773720	5.258 ug/ml
10)	N-TETRACOSANE	15.199	774521	5.270 ug/ml
11)	N-HEXACOSANE	16.220	769893	5.271 ug/ml
12)	N-OCTACOSANE	17.169	769883	5.328 ug/ml
13)	N-TRIACONTANE	18.055	798876	5.457 ug/ml
14)	N-DOTRIACONTANE	18.887	801393	5.570 ug/ml
15)	N-TETRATRIACONTANE	19.670	752249	5.485 ug/ml
16)	N-HEXATRIACONTANE	20.409	661136	5.096 ug/ml
17)	N-OCTATRIACONTANE	21.142	614859	5.346 ug/ml
18)	N-TETRACONTANE	22.046	557917	5.314 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

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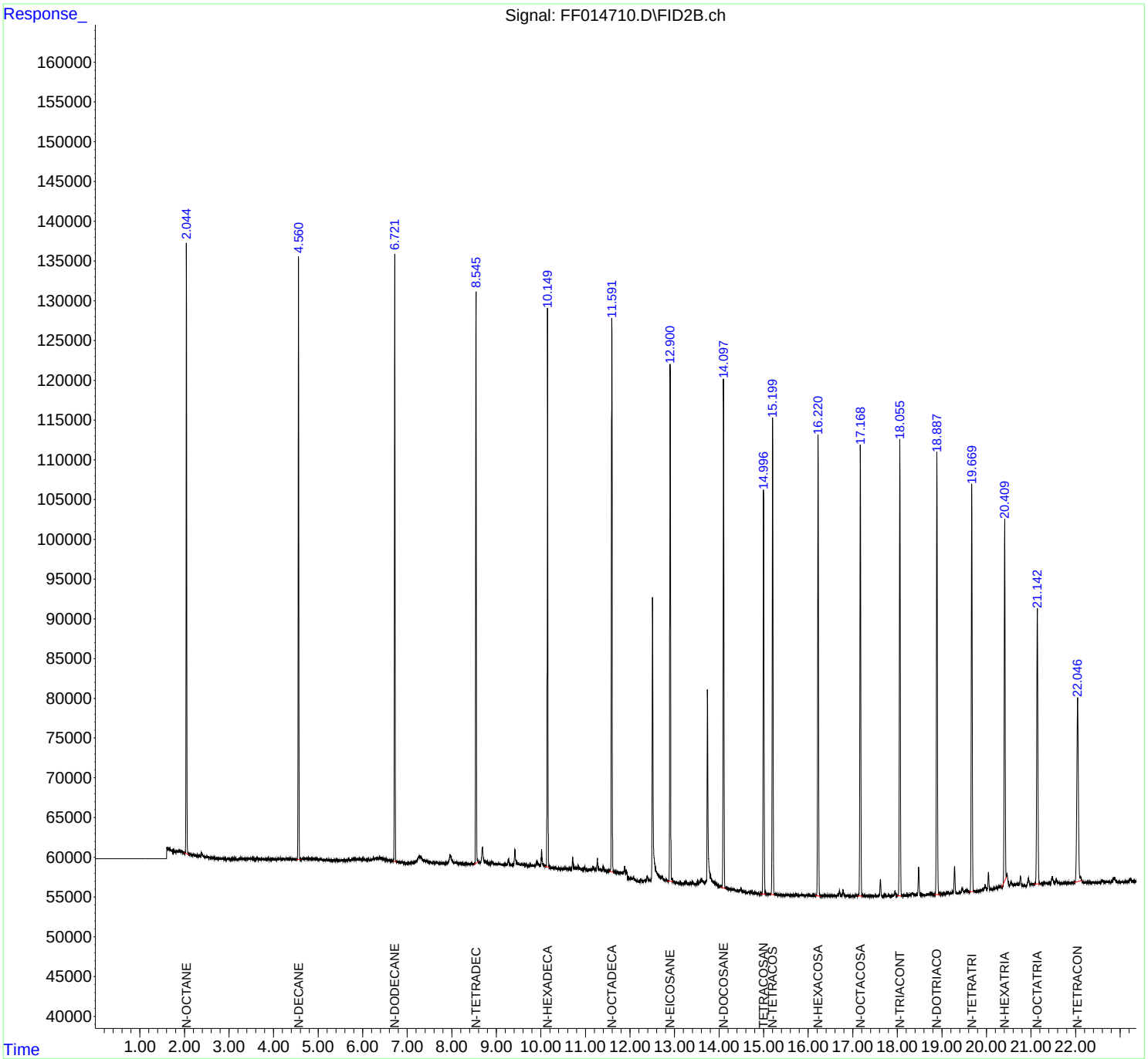
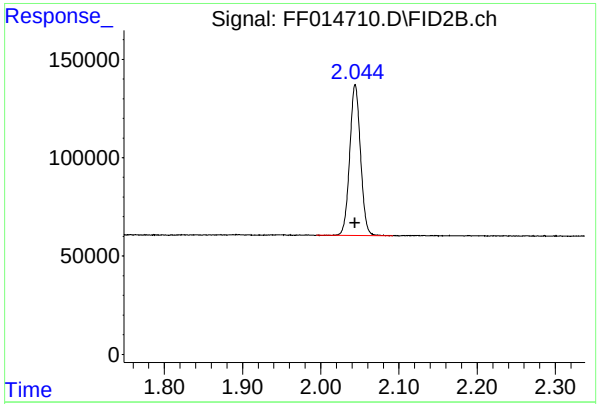
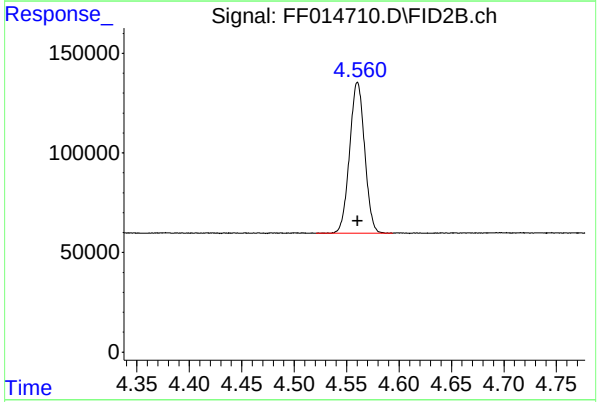




#1 N-OCTANE

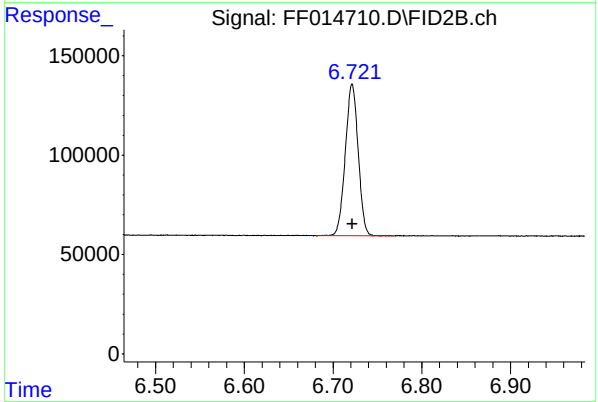
R.T.: 2.044 min
Delta R.T.: 0.000 min
Response: 735139
Conc: 5.28 ug/ml

Instrument :
FID_F
ClientSampleId :
5 TRPH STD



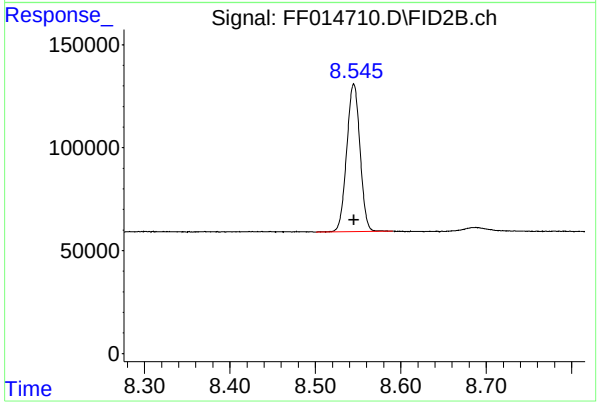
#2 N-DECANE

R.T.: 4.560 min
Delta R.T.: 0.000 min
Response: 756089
Conc: 5.29 ug/ml



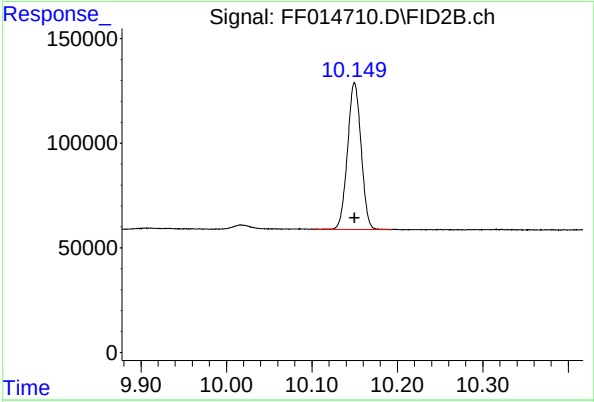
#3 N-DODECANE

R.T.: 6.722 min
Delta R.T.: 0.000 min
Response: 768253
Conc: 5.29 ug/ml



#4 N-TETRADECANE

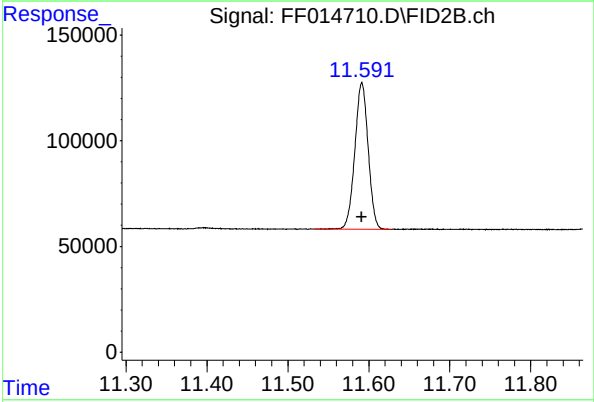
R.T.: 8.545 min
Delta R.T.: 0.000 min
Response: 775382
Conc: 5.29 ug/ml



#5 N-HEXADECANE

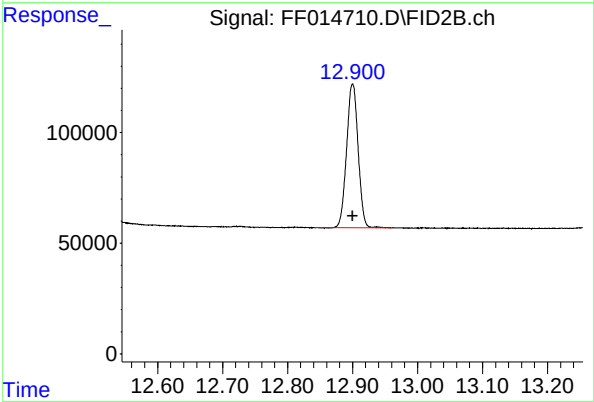
R.T.: 10.150 min
Delta R.T.: 0.000 min
Response: 775794
Conc: 5.28 ug/ml

Instrument :
FID_F
ClientSampleId :
5 TRPH STD



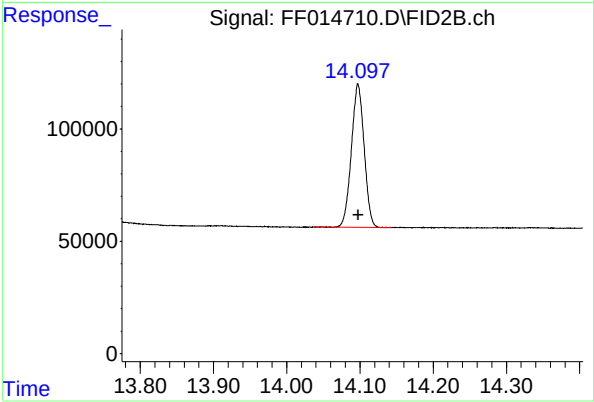
#6 N-OCTADECANE

R.T.: 11.591 min
Delta R.T.: 0.000 min
Response: 792835
Conc: 5.28 ug/ml



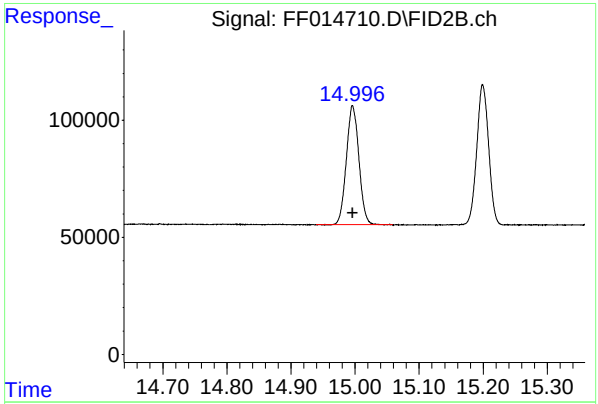
#7 N-EICOSANE

R.T.: 12.900 min
Delta R.T.: 0.000 min
Response: 800046
Conc: 5.27 ug/ml



#8 N-DOCOSANE

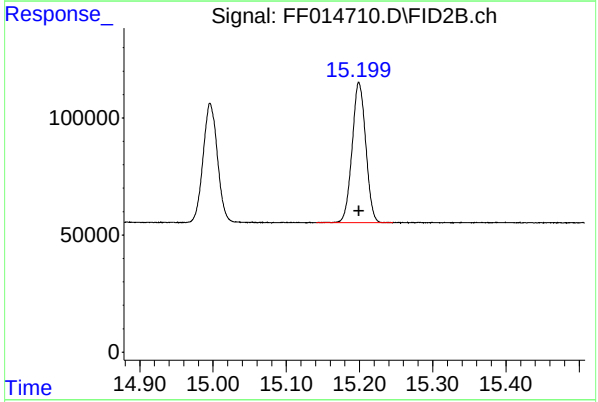
R.T.: 14.098 min
Delta R.T.: 0.000 min
Response: 773720
Conc: 5.26 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

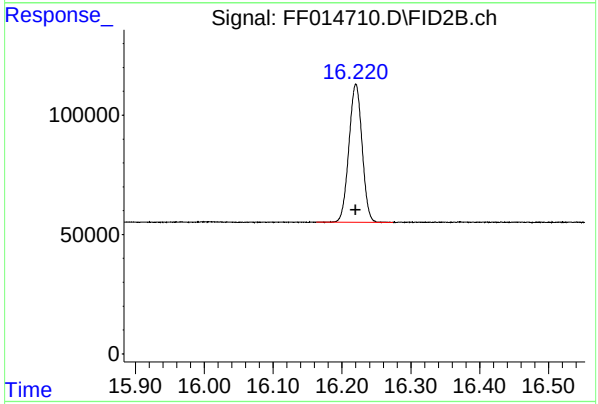
R.T.: 14.996 min
Delta R.T.: 0.000 min
Response: 691394
Conc: 5.25 ug/ml

Instrument :
FID_F
ClientSampleId :
5 TRPH STD



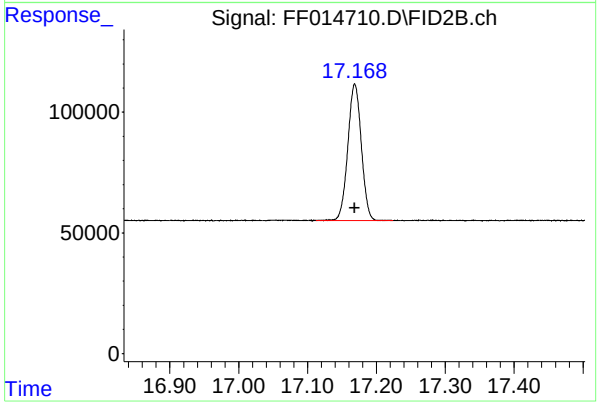
#10 N-TETRACOSANE

R.T.: 15.199 min
Delta R.T.: 0.000 min
Response: 774521
Conc: 5.27 ug/ml



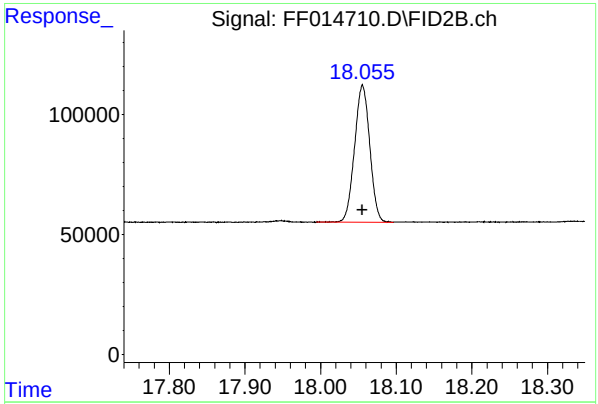
#11 N-HEXACOSANE

R.T.: 16.220 min
Delta R.T.: 0.000 min
Response: 769893
Conc: 5.27 ug/ml



#12 N-OCTACOSANE

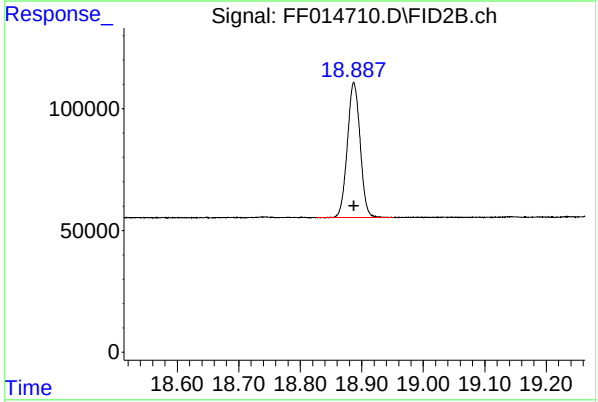
R.T.: 17.169 min
Delta R.T.: 0.000 min
Response: 769883
Conc: 5.33 ug/ml



#13 N-TRIACONTANE

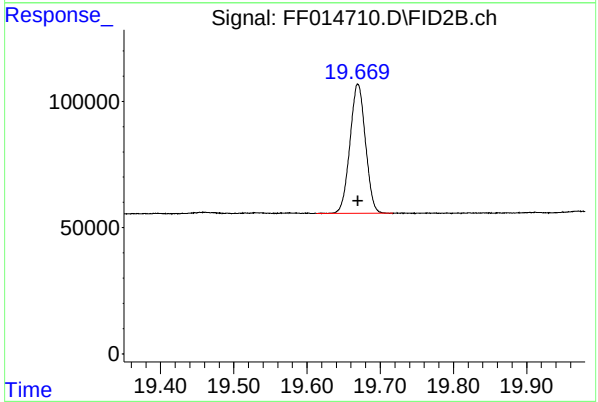
R.T.: 18.055 min
Delta R.T.: 0.000 min
Response: 798876
Conc: 5.46 ug/ml

Instrument :
FID_F
ClientSampleId :
5 TRPH STD



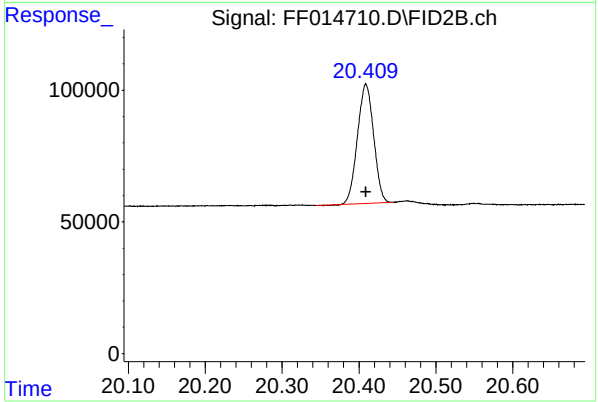
#14 N-DOTRIACONTANE

R.T.: 18.887 min
Delta R.T.: 0.000 min
Response: 801393
Conc: 5.57 ug/ml



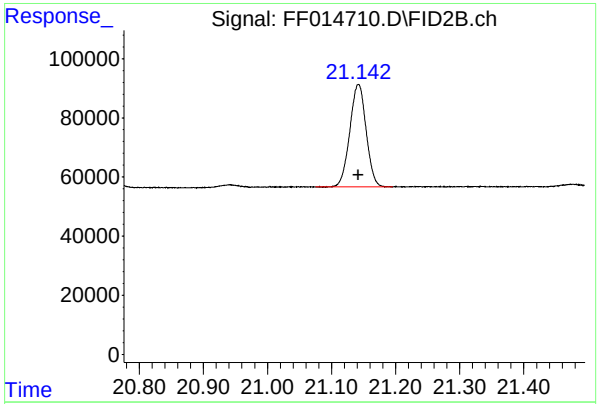
#15 N-TETRATRIACONTANE

R.T.: 19.670 min
Delta R.T.: 0.000 min
Response: 752249
Conc: 5.49 ug/ml



#16 N-HEXATRIACONTANE

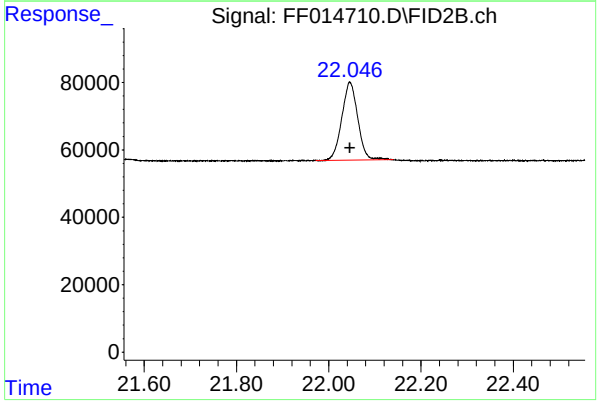
R.T.: 20.409 min
Delta R.T.: 0.000 min
Response: 661136
Conc: 5.10 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.142 min
Delta R.T.: 0.000 min
Response: 614859
Conc: 5.35 ug/ml

Instrument :
FID_F
ClientSampleId :
5 TRPH STD



#18 N-TETRACONTANE

R.T.: 22.046 min
Delta R.T.: 0.000 min
Response: 557917
Conc: 5.31 ug/ml