

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022725\
 Data File : FF015547.D
 Signal(s) : FID2B.ch
 Acq On : 27 Feb 2025 10:00
 Operator : YP\AJ
 Sample : #4 FUEL OIL STD
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 03 00:42:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF021025.M
 Quant Title :
 QLast Update : Mon Feb 10 16:23:58 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...	15.025	247178	2.242 ug/ml
Target Compounds			
1) N-OCTANE	2.033	157975	1.207 ug/ml
2) N-DECANE	4.566	2329754	18.682 ug/ml
3) N-DODECANE	6.736	7624423	58.800 ug/ml
4) N-TETRADECANE	8.565	9858925	79.553 ug/ml
5) N-HEXADECANE	10.173	11033445	89.936 ug/ml
6) N-OCTADECANE	11.615	7467745	58.092 ug/ml
7) N-EICOSANE	12.924	5833364	46.519 ug/ml
8) N-DOCOSANE	14.121	1542537	12.600 ug/ml
10) N-TETRACOSANE	15.226	616211	5.108 ug/ml
11) N-HEXACOSANE	16.247	158472	1.356 ug/ml
12) N-OCTACOSANE	17.200	240036	2.095 ug/ml
13) N-TRIACONTANE	18.087	427546	3.745 ug/ml
14) N-DOTRIACONTANE	18.921	536224	4.749 ug/ml
15) N-TETRATRIACONTANE	19.705	405501	3.854 ug/ml
16) N-HEXATRIACONTANE	20.446	217029	2.257 ug/ml
17) N-OCTATRIACONTANE	21.183	125066	1.333 ug/ml

(f)=RT Delta > 1/2 Window

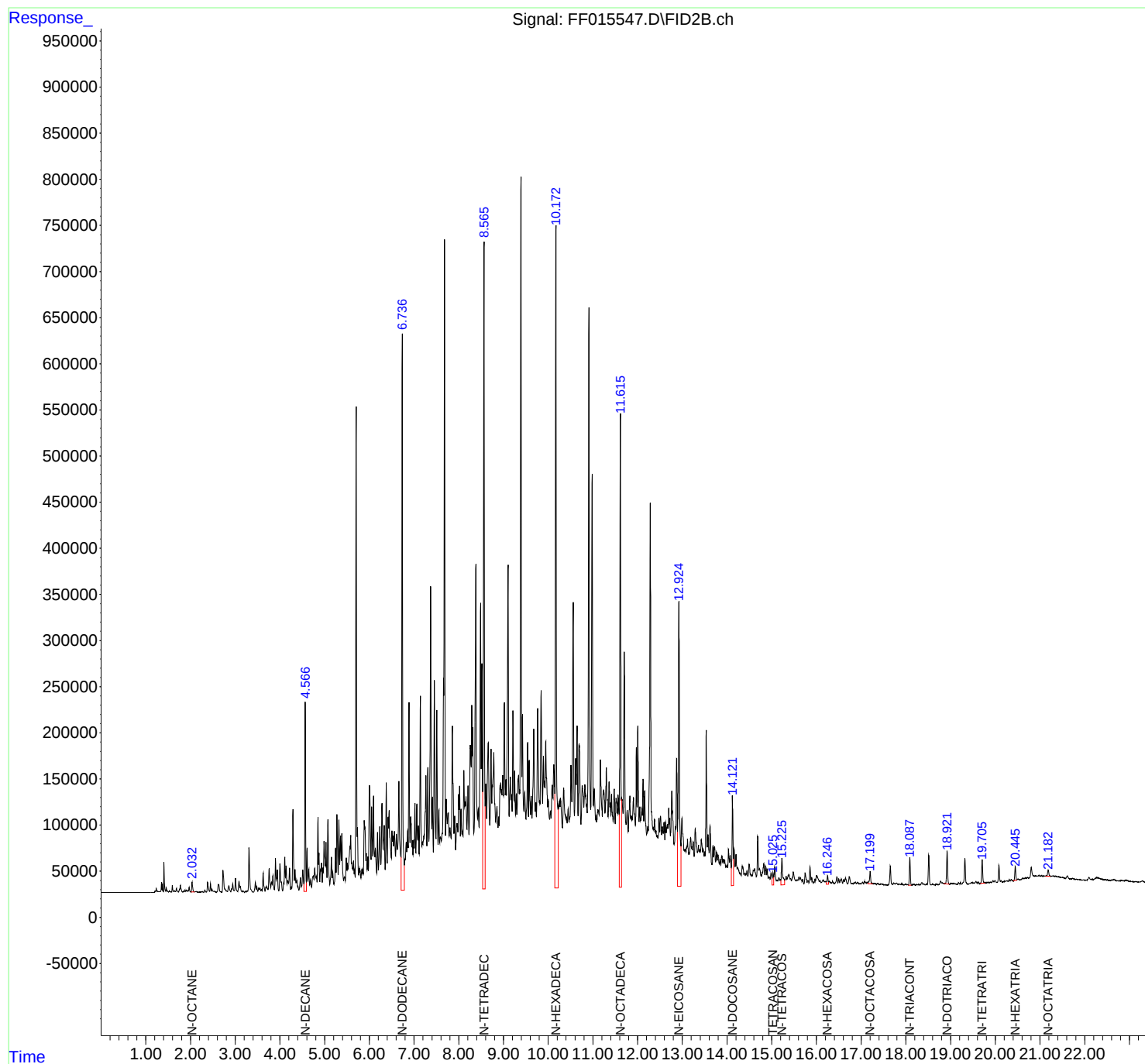
(m)=manual int.

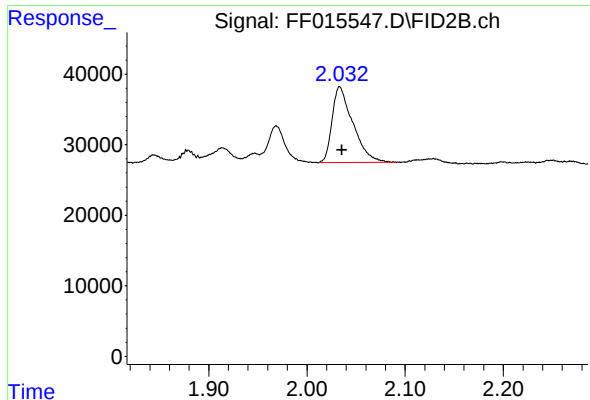
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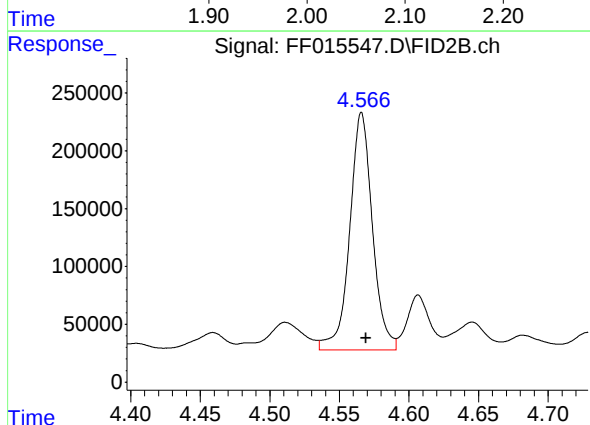




#1 N-OCTANE

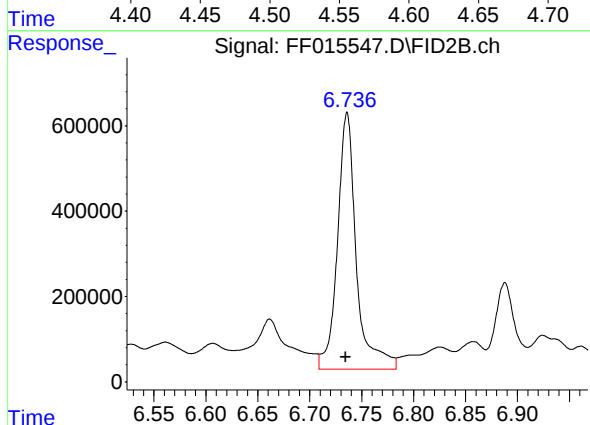
R.T.: 2.033 min
Delta R.T.: -0.003 min
Response: 157975
Conc: 1.21 ug/ml

Instrument :
FID_F
ClientSampleId :



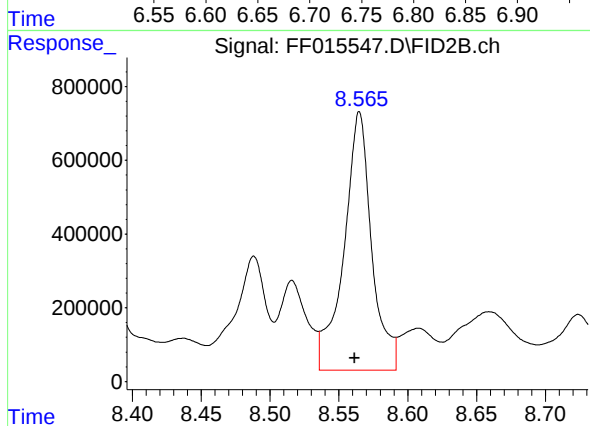
#2 N-DECANE

R.T.: 4.566 min
Delta R.T.: -0.003 min
Response: 2329754
Conc: 18.68 ug/ml



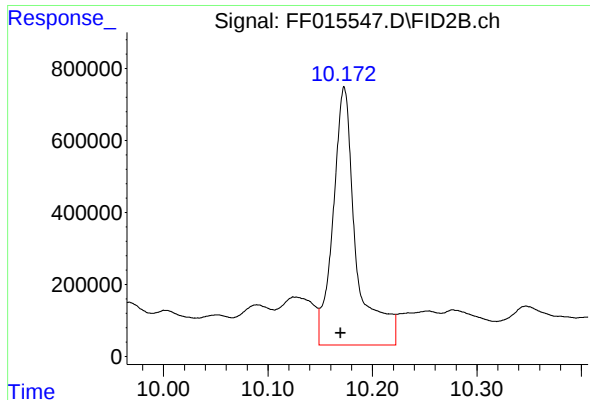
#3 N-DODECANE

R.T.: 6.736 min
Delta R.T.: 0.002 min
Response: 7624423
Conc: 58.80 ug/ml



#4 N-TETRADECANE

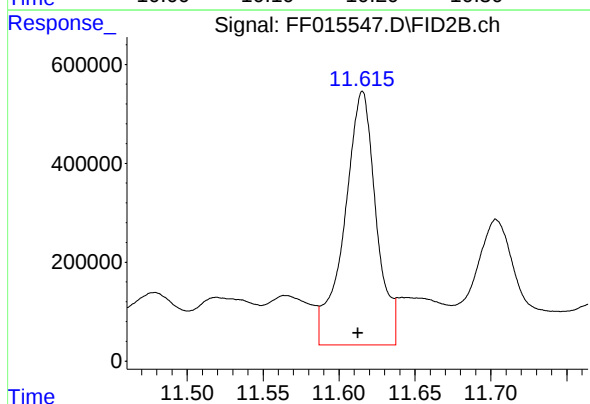
R.T.: 8.565 min
Delta R.T.: 0.004 min
Response: 9858925
Conc: 79.55 ug/ml



#5 N-HEXADECANE

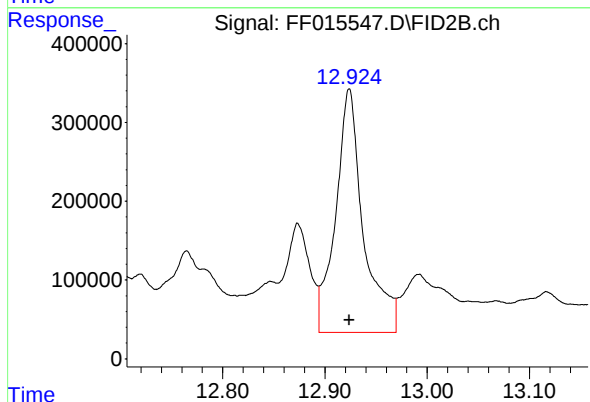
R.T.: 10.173 min
Delta R.T.: 0.004 min
Response: 11033445
Conc: 89.94 ug/ml

Instrument :
FID_F
ClientSampleId :



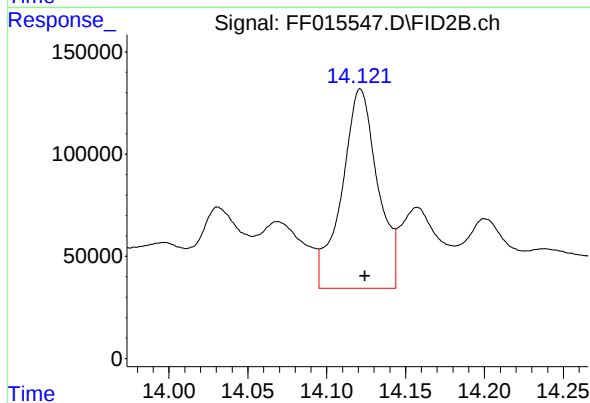
#6 N-OCTADECANE

R.T.: 11.615 min
Delta R.T.: 0.003 min
Response: 7467745
Conc: 58.09 ug/ml



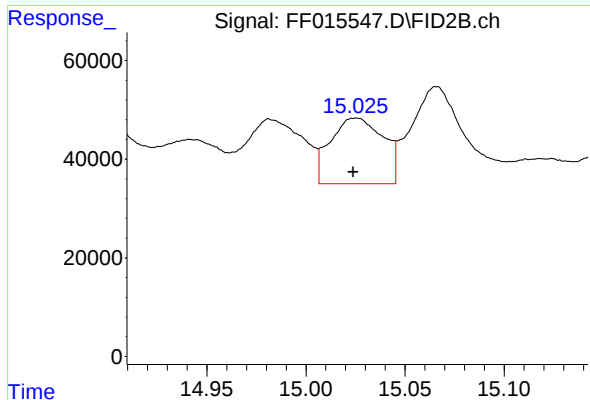
#7 N-EICOSANE

R.T.: 12.924 min
Delta R.T.: 0.000 min
Response: 5833364
Conc: 46.52 ug/ml



#8 N-DOCOSANE

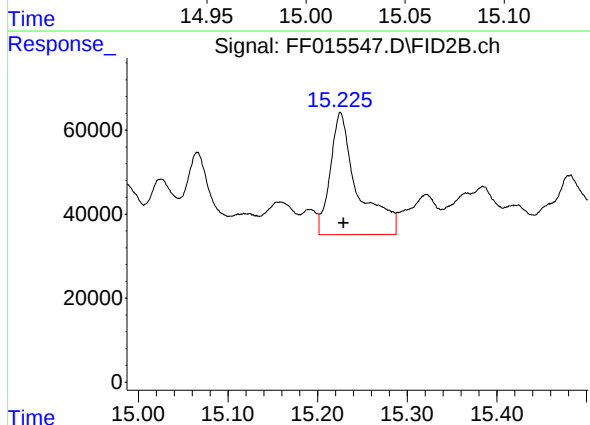
R.T.: 14.121 min
Delta R.T.: -0.003 min
Response: 1542537
Conc: 12.60 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

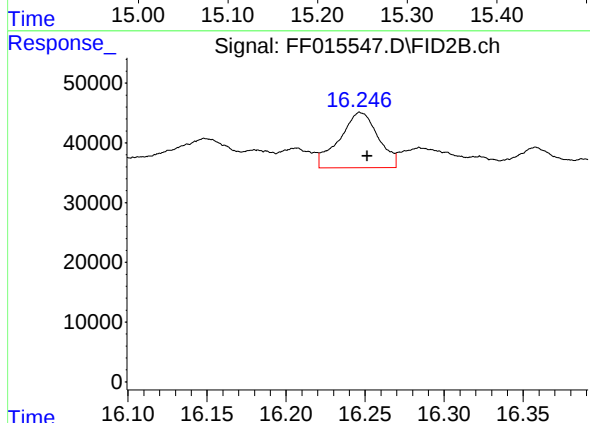
R.T.: 15.025 min
Delta R.T.: 0.001 min
Response: 247178
Conc: 2.24 ug/ml

Instrument :
FID_F
ClientSampleId :



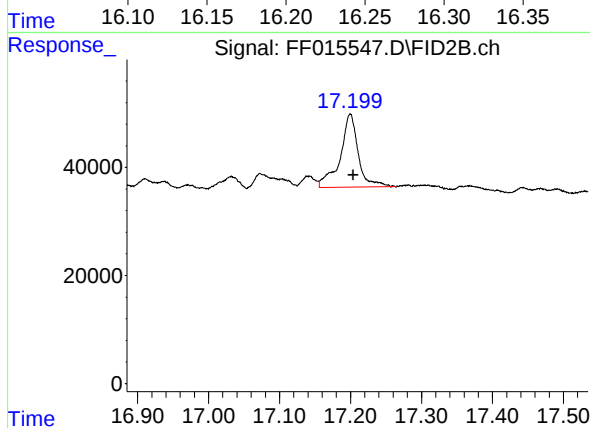
#10 N-TETRACOSANE

R.T.: 15.226 min
Delta R.T.: -0.004 min
Response: 616211
Conc: 5.11 ug/ml



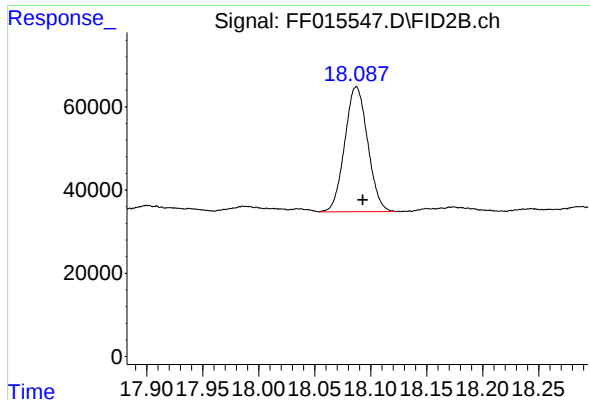
#11 N-HEXACOSANE

R.T.: 16.247 min
Delta R.T.: -0.004 min
Response: 158472
Conc: 1.36 ug/ml



#12 N-OCTACOSANE

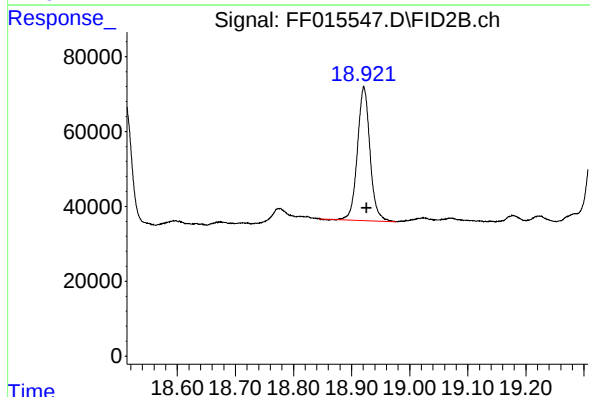
R.T.: 17.200 min
Delta R.T.: -0.004 min
Response: 240036
Conc: 2.09 ug/ml



#13 N-TRIACONTANE

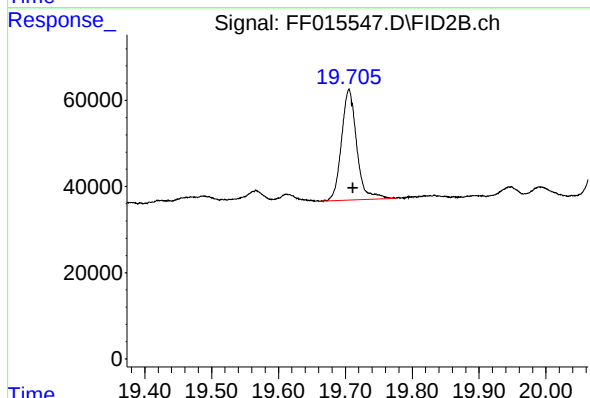
R.T.: 18.087 min
Delta R.T.: -0.006 min
Response: 427546
Conc: 3.74 ug/ml

Instrument :
FID_F
ClientSampleId :



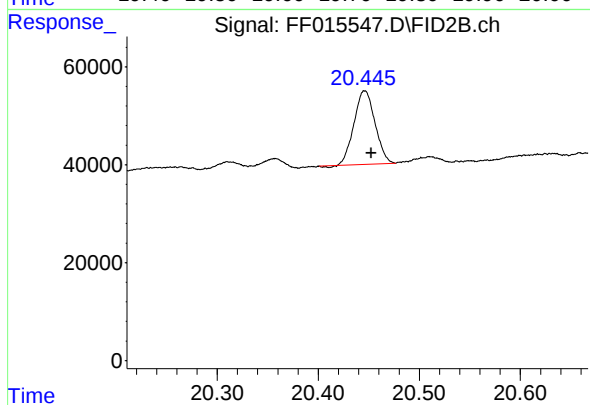
#14 N-DOTRIACONTANE

R.T.: 18.921 min
Delta R.T.: -0.005 min
Response: 536224
Conc: 4.75 ug/ml



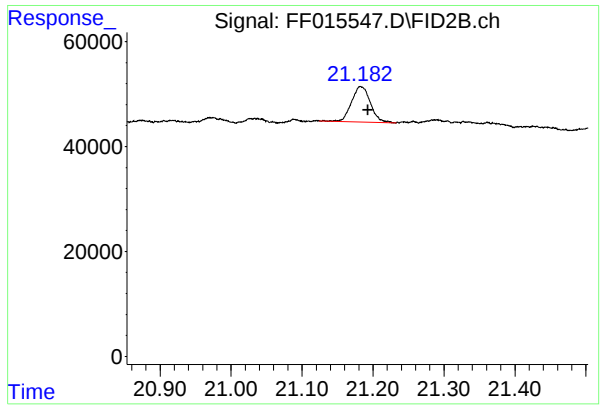
#15 N-TETRATRIACONTANE

R.T.: 19.705 min
Delta R.T.: -0.006 min
Response: 405501
Conc: 3.85 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.446 min
Delta R.T.: -0.007 min
Response: 217029
Conc: 2.26 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.183 min
Delta R.T.: -0.010 min
Response: 125066
Conc: 1.33 ug/ml

Instrument :

FID_F

ClientSampleId :