

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101124\
 Data File : FE050600.D
 Signal(s) : FID1B.ch
 Acq On : 10 Oct 2024 19:59
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Oct 11 03:21:31 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE101124.M
 Quant Title :
 QLast Update : Thu Oct 10 13:46:49 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...	14.944	6315528	45.322 ug/ml
Target Compounds			
1) N-OCTANE	1.990	6873841	45.903 ug/ml
2) N-DECANE	4.499	6946622	44.911 ug/ml
3) N-DODECANE	6.668	7060353	45.520 ug/ml
4) N-TETRADECANE	8.495	7147242	45.474 ug/ml
5) N-HEXADECANE	10.101	7203931	45.831 ug/ml
6) N-OCTADECANE	11.542	7326845	45.691 ug/ml
7) N-EICOSANE	12.850	7367489	45.557 ug/ml
8) N-DOCOSANE	14.046	7124949	45.443 ug/ml
10) N-TETRACOSANE	15.148	7109699	45.317 ug/ml
11) N-HEXACOSANE	16.167	7137779	45.275 ug/ml
12) N-OCTACOSANE	17.115	7207841	45.119 ug/ml
13) N-TRIACONTANE	18.001	7508959	44.596 ug/ml
14) N-DOTRIACONTANE	18.832	7683905	44.195 ug/ml
15) N-TETRATRIACONTANE	19.615	7784078	43.949 ug/ml
16) N-HEXATRIACONTANE	20.356	7602773	44.461 ug/ml
17) N-OCTATRIACONTANE	21.078	7268279	43.161 ug/ml
18) N-TETRACONTANE	21.964	6513735	42.306 ug/ml

(f)=RT Delta > 1/2 Window

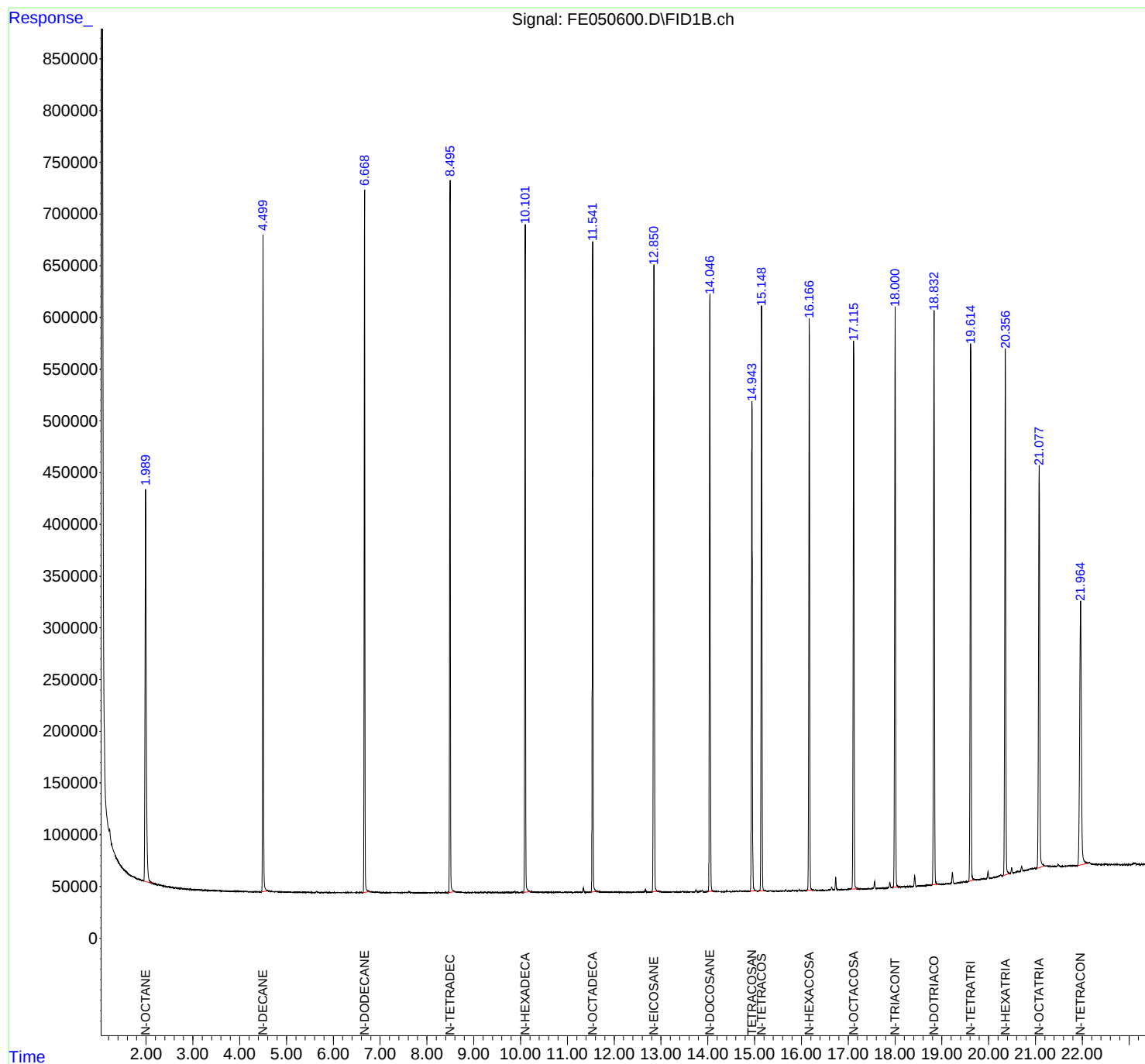
(m)=manual int.

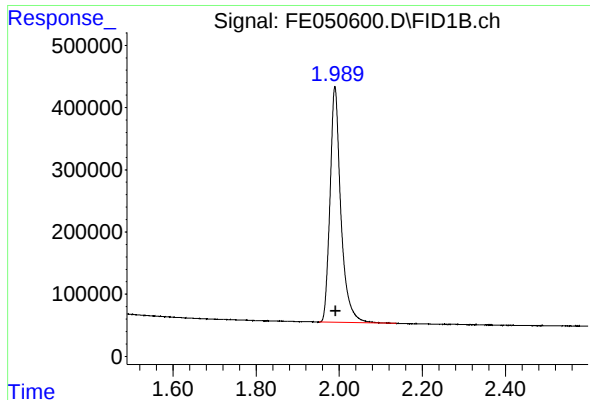
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

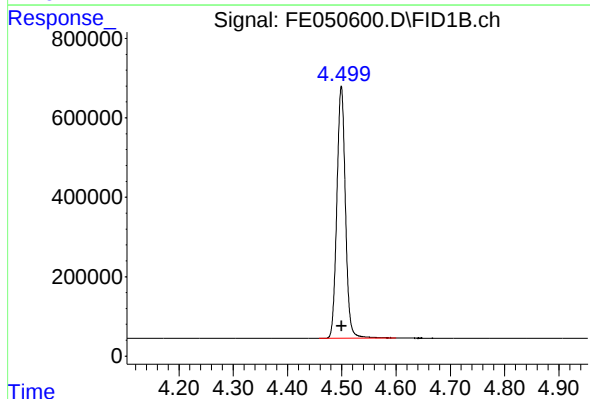




#1 N-OCTANE

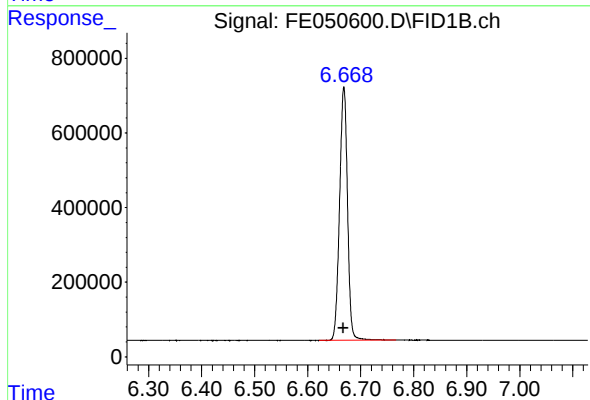
R.T.: 1.990 min
Delta R.T.: -0.002 min
Response: 6873841
Conc: 45.90 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



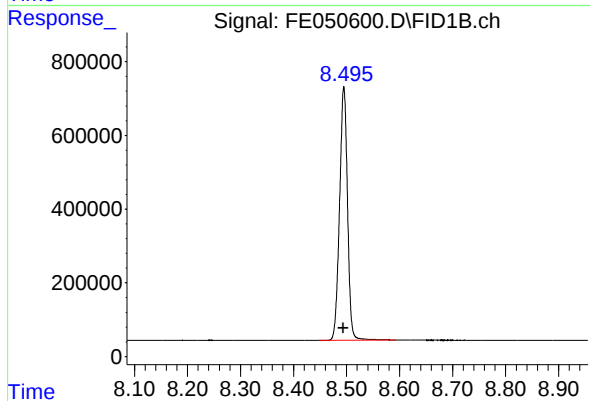
#2 N-DECANE

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 6946622
Conc: 44.91 ug/ml



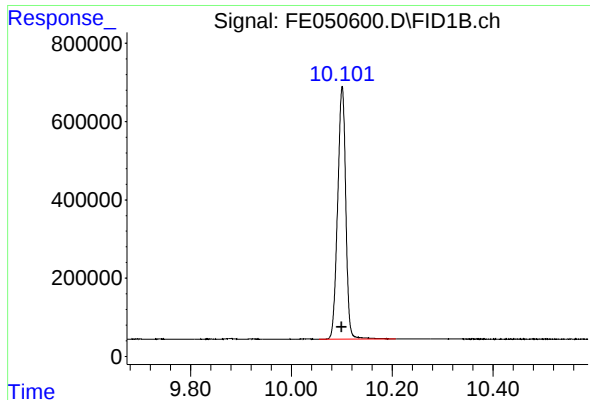
#3 N-DODECANE

R.T.: 6.668 min
Delta R.T.: 0.000 min
Response: 7060353
Conc: 45.52 ug/ml



#4 N-TETRADECANE

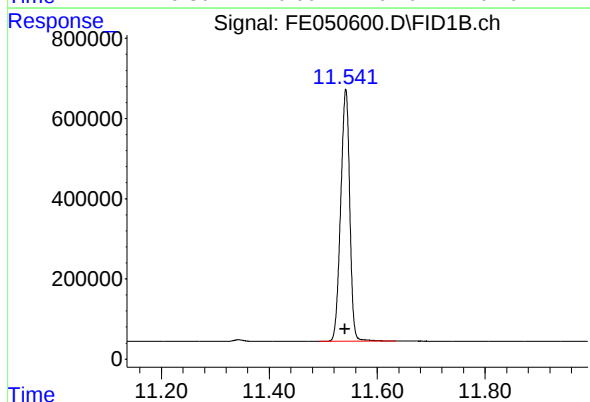
R.T.: 8.495 min
Delta R.T.: 0.000 min
Response: 7147242
Conc: 45.47 ug/ml



#5 N-HEXADECANE

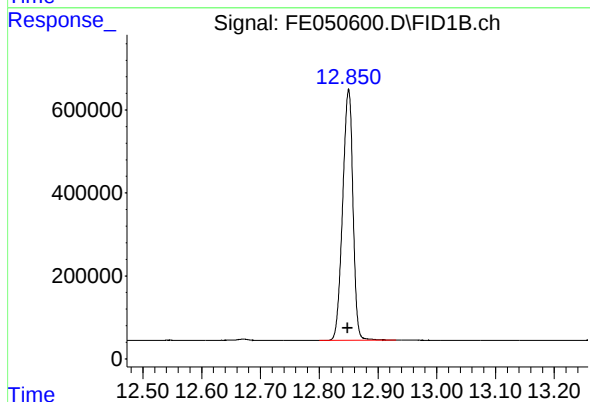
R.T.: 10.101 min
Delta R.T.: 0.000 min
Response: 7203931
Conc: 45.83 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



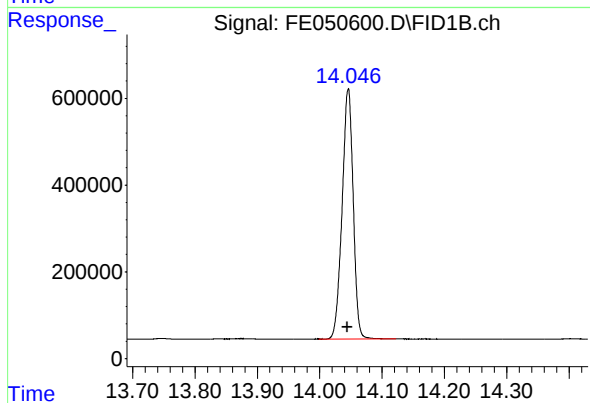
#6 N-OCTADECANE

R.T.: 11.542 min
Delta R.T.: 0.001 min
Response: 7326845
Conc: 45.69 ug/ml



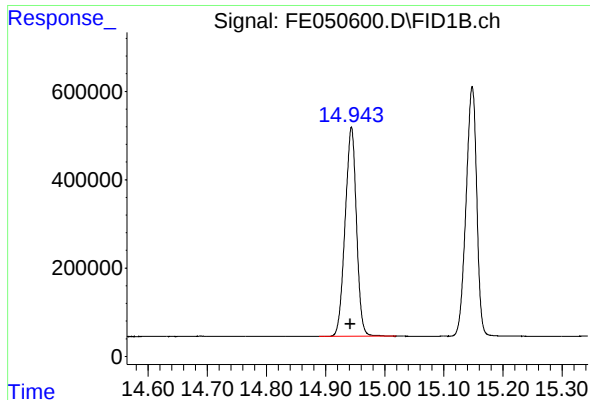
#7 N-EICOSANE

R.T.: 12.850 min
Delta R.T.: 0.002 min
Response: 7367489
Conc: 45.56 ug/ml



#8 N-DOCOSANE

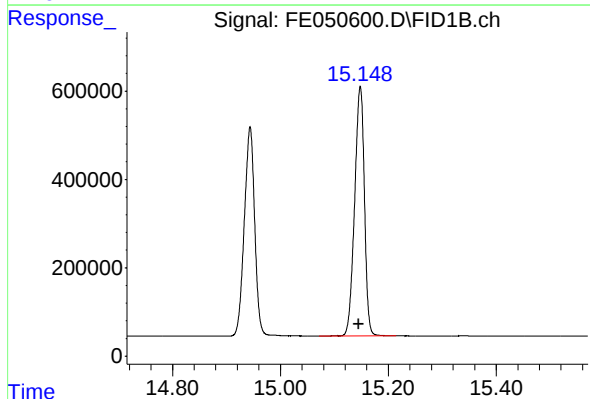
R.T.: 14.046 min
Delta R.T.: 0.002 min
Response: 7124949
Conc: 45.44 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

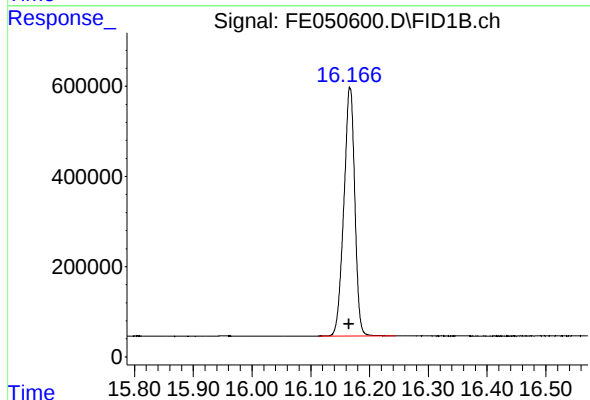
R.T.: 14.944 min
Delta R.T.: 0.002 min
Response: 6315528
Conc: 45.32 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



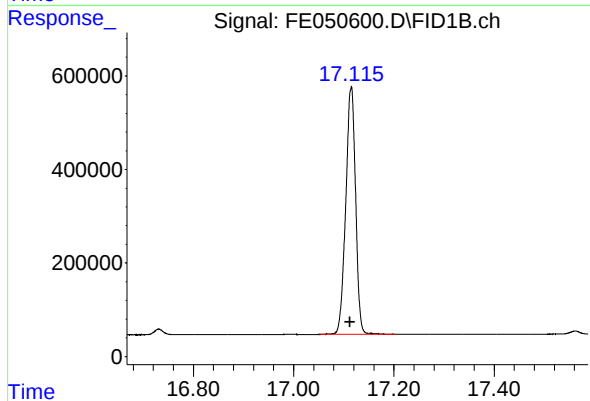
#10 N-TETRACOSANE

R.T.: 15.148 min
Delta R.T.: 0.003 min
Response: 7109699
Conc: 45.32 ug/ml



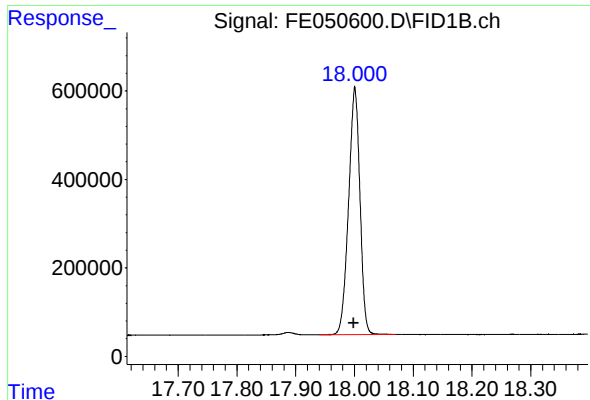
#11 N-HEXACOSANE

R.T.: 16.167 min
Delta R.T.: 0.002 min
Response: 7137779
Conc: 45.28 ug/ml



#12 N-OCTACOSANE

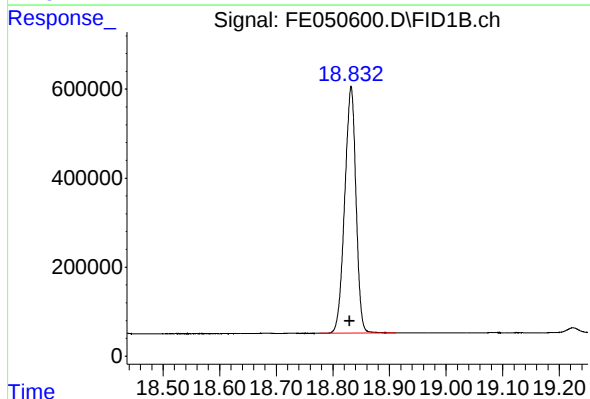
R.T.: 17.115 min
Delta R.T.: 0.002 min
Response: 7207841
Conc: 45.12 ug/ml



#13 N-TRIACONTANE

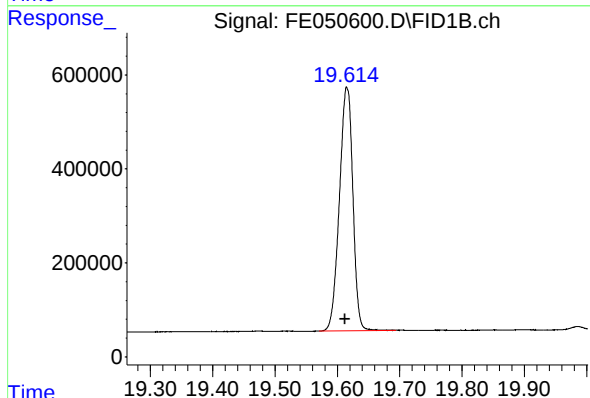
R.T.: 18.001 min
Delta R.T.: 0.002 min
Response: 7508959
Conc: 44.60 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



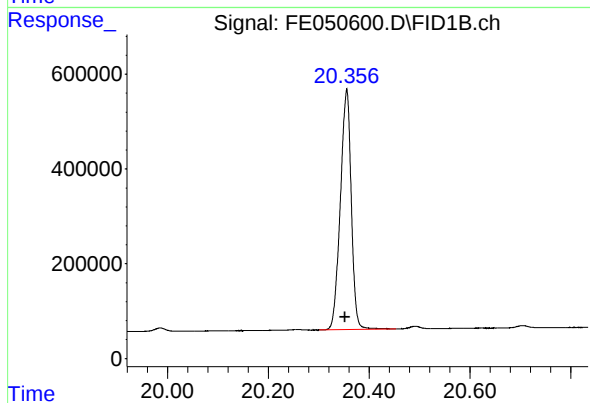
#14 N-DOTRIACONTANE

R.T.: 18.832 min
Delta R.T.: 0.002 min
Response: 7683905
Conc: 44.20 ug/ml



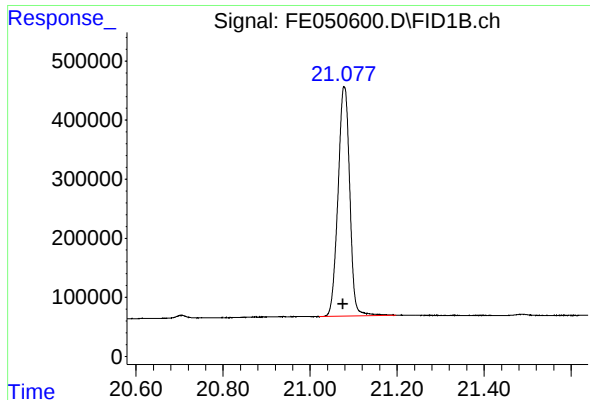
#15 N-TETRATRIACONTANE

R.T.: 19.615 min
Delta R.T.: 0.003 min
Response: 7784078
Conc: 43.95 ug/ml



#16 N-HEXATRIACONTANE

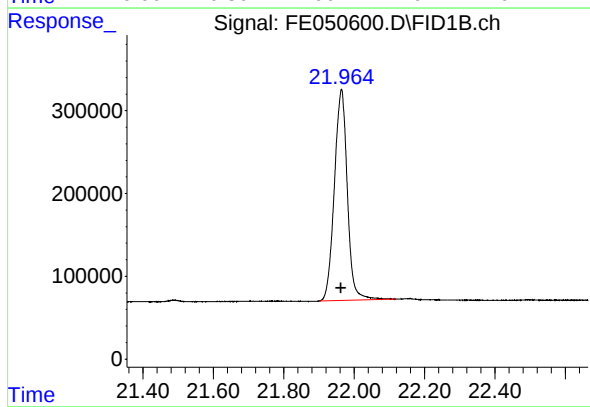
R.T.: 20.356 min
Delta R.T.: 0.004 min
Response: 7602773
Conc: 44.46 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.078 min
Delta R.T.: 0.003 min
Response: 7268279
Conc: 43.16 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 21.964 min
Delta R.T.: 0.002 min
Response: 6513735
Conc: 42.31 ug/ml