

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101124\
 Data File : FE050589.D
 Signal(s) : FID1B.ch
 Acq On : 10 Oct 2024 14:27
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Oct 11 03:19:46 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...	14.946	7160035	51.382 ug/ml
Target Compounds			
1) N-OCTANE	1.990	7531565	50.295 ug/ml
2) N-DECANE	4.500	7993357	51.679 ug/ml
3) N-DODECANE	6.670	8124191	52.379 ug/ml
4) N-TETRADECANE	8.497	8226492	52.341 ug/ml
5) N-HEXADECANE	10.102	8250028	52.486 ug/ml
6) N-OCTADECANE	11.543	8369097	52.191 ug/ml
7) N-EICOSANE	12.851	8387763	51.866 ug/ml
8) N-DOCOSANE	14.048	8116984	51.770 ug/ml
10) N-TETRACOSANE	15.149	8089073	51.560 ug/ml
11) N-HEXACOSANE	16.169	8139281	51.628 ug/ml
12) N-OCTACOSANE	17.117	8247244	51.626 ug/ml
13) N-TRIACONTANE	18.003	8720673	51.793 ug/ml
14) N-DOTRIACONTANE	18.835	8992402	51.721 ug/ml
15) N-TETRATRIACONTANE	19.619	8823074	49.815 ug/ml
16) N-HEXATRIACONTANE	20.356	8056198	47.112 ug/ml
17) N-OCTATRIACONTANE	21.079	7044333	41.831 ug/ml
18) N-TETRACONTANE	21.964	6134632	39.844 ug/ml

(f)=RT Delta > 1/2 Window

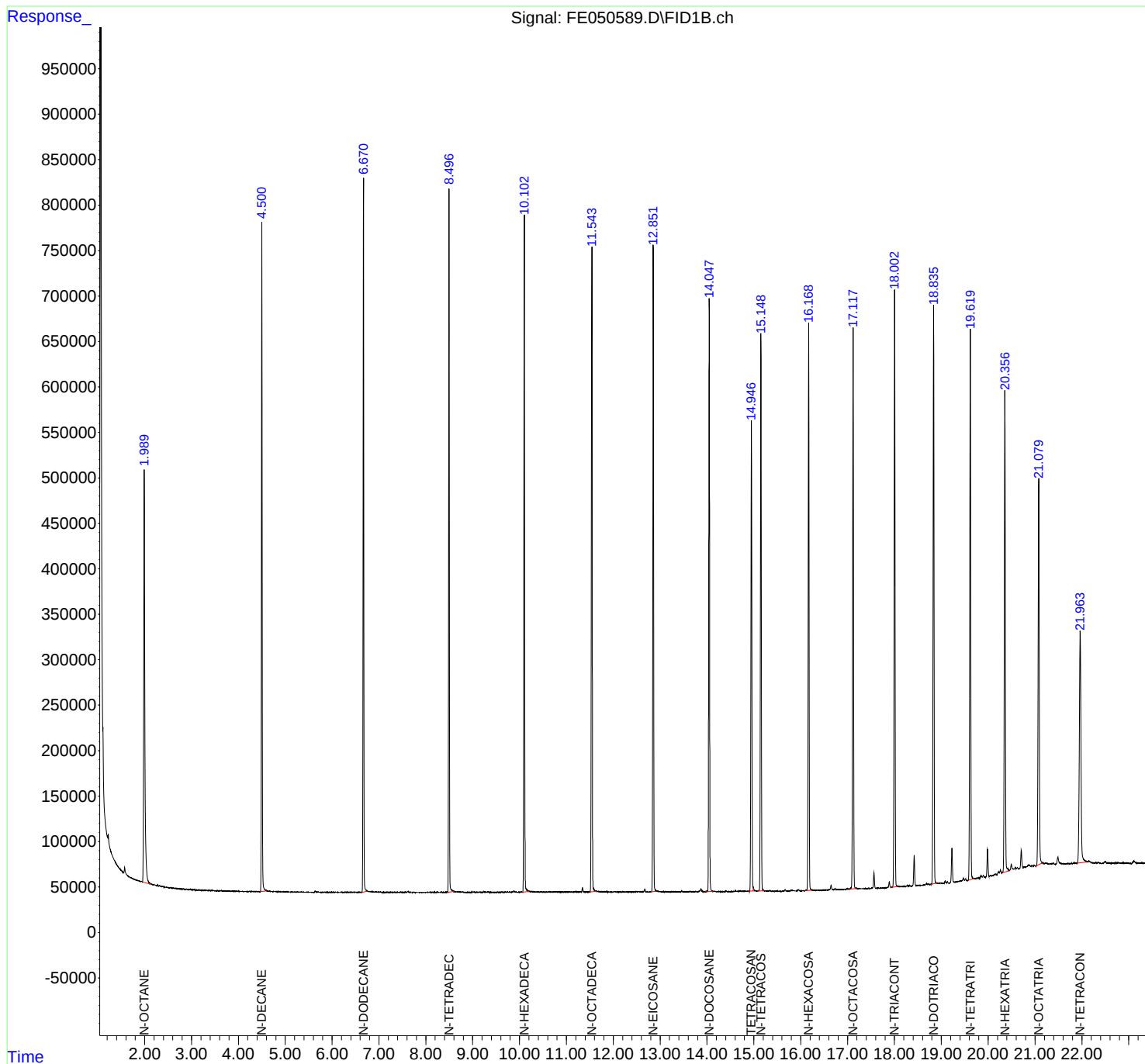
(m)=manual int.

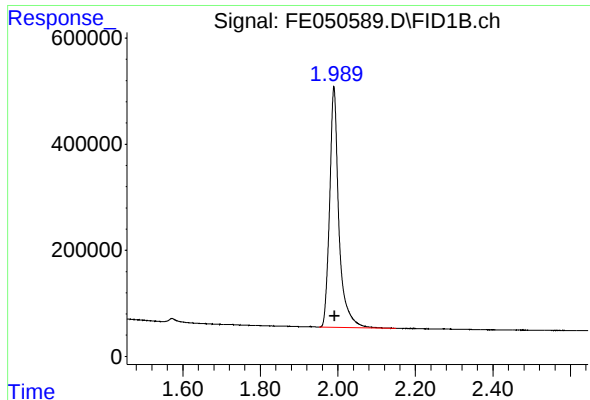
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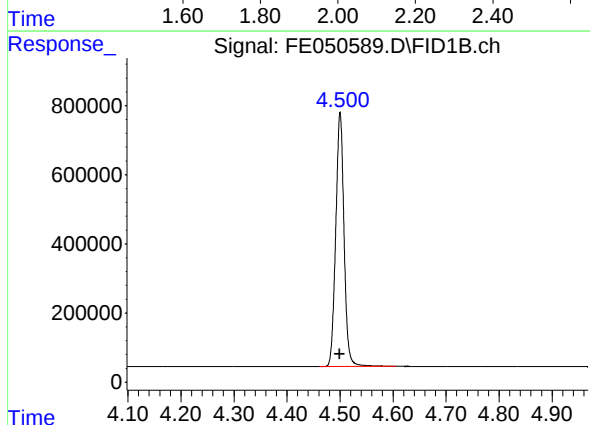




#1 N-OCTANE

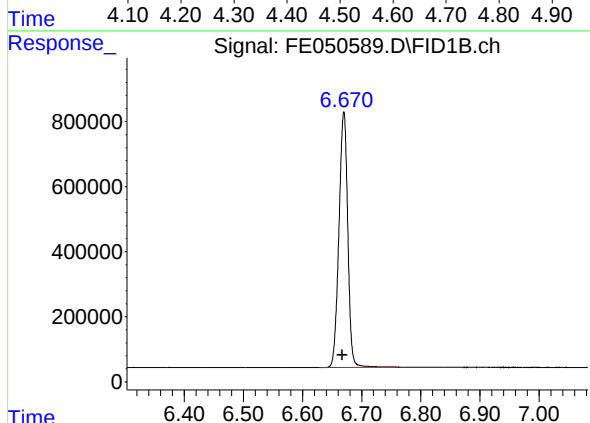
R.T.: 1.990 min
Delta R.T.: -0.002 min
Response: 7531565
Conc: 50.30 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



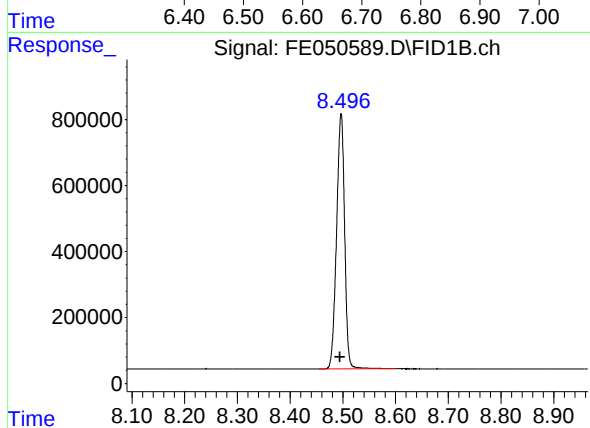
#2 N-DECANE

R.T.: 4.500 min
Delta R.T.: 0.000 min
Response: 7993357
Conc: 51.68 ug/ml



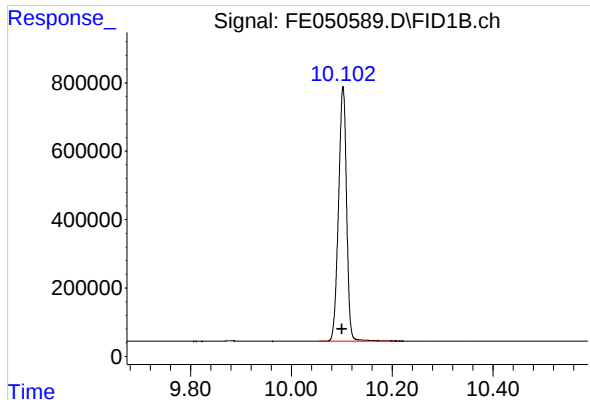
#3 N-DODECANE

R.T.: 6.670 min
Delta R.T.: 0.003 min
Response: 8124191
Conc: 52.38 ug/ml



#4 N-TETRADECANE

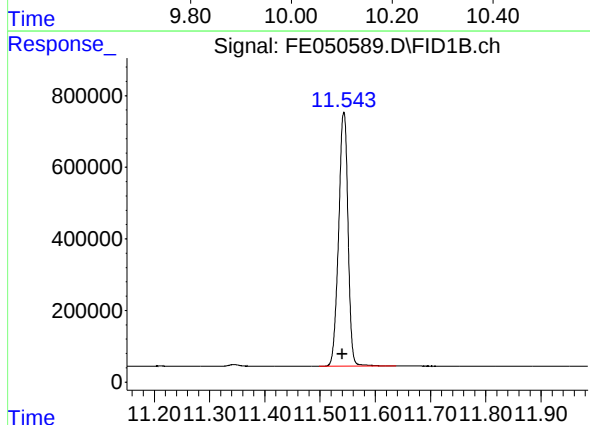
R.T.: 8.497 min
Delta R.T.: 0.003 min
Response: 8226492
Conc: 52.34 ug/ml



#5 N-HEXADECANE

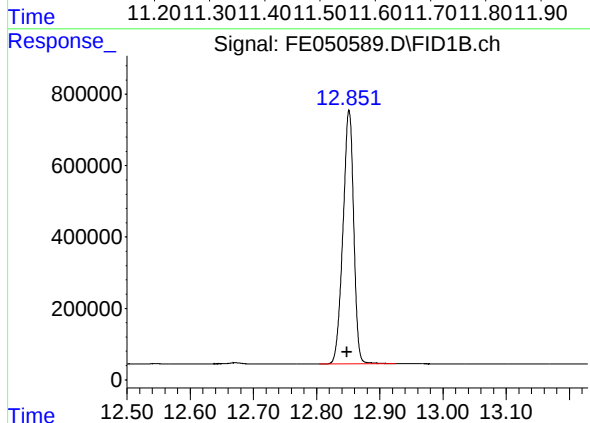
R.T.: 10.102 min
Delta R.T.: 0.002 min
Response: 8250028
Conc: 52.49 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



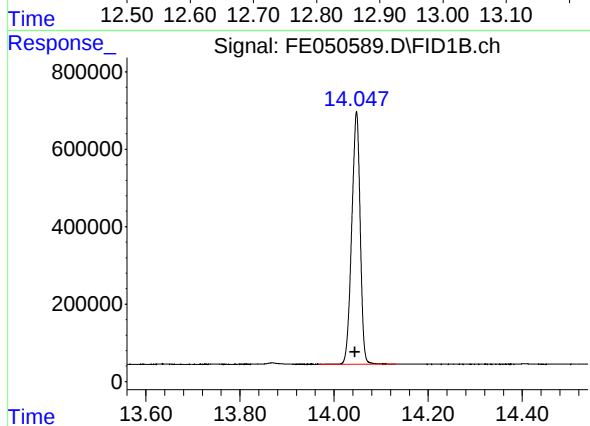
#6 N-OCTADECANE

R.T.: 11.543 min
Delta R.T.: 0.003 min
Response: 8369097
Conc: 52.19 ug/ml



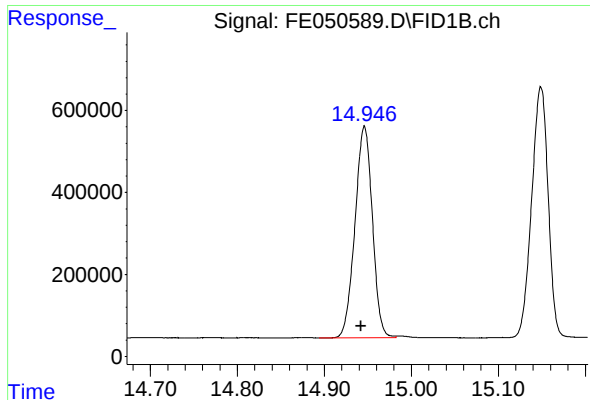
#7 N-EICOSANE

R.T.: 12.851 min
Delta R.T.: 0.003 min
Response: 8387763
Conc: 51.87 ug/ml



#8 N-DOCOSANE

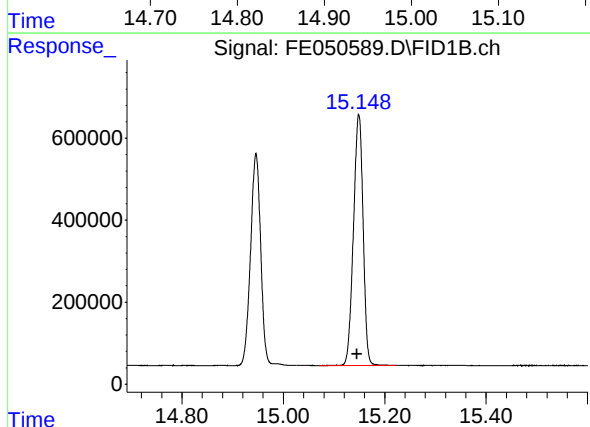
R.T.: 14.048 min
Delta R.T.: 0.004 min
Response: 8116984
Conc: 51.77 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

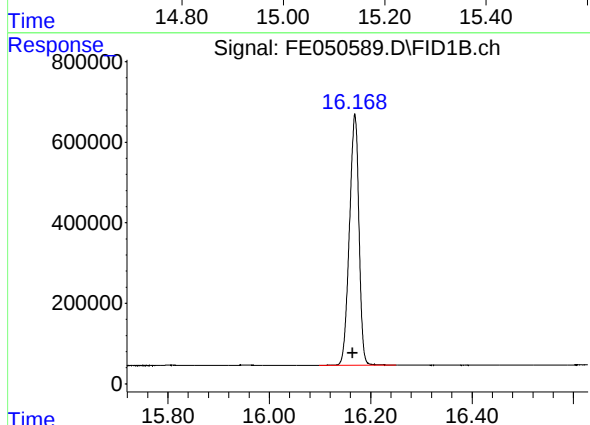
R.T.: 14.946 min
Delta R.T.: 0.004 min
Response: 7160035
Conc: 51.38 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



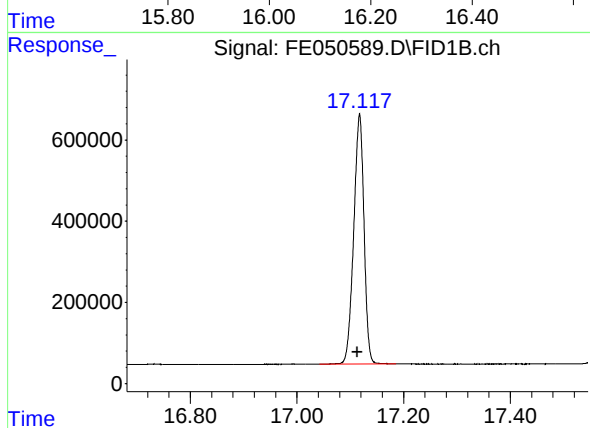
#10 N-TETRACOSANE

R.T.: 15.149 min
Delta R.T.: 0.004 min
Response: 8089073
Conc: 51.56 ug/ml



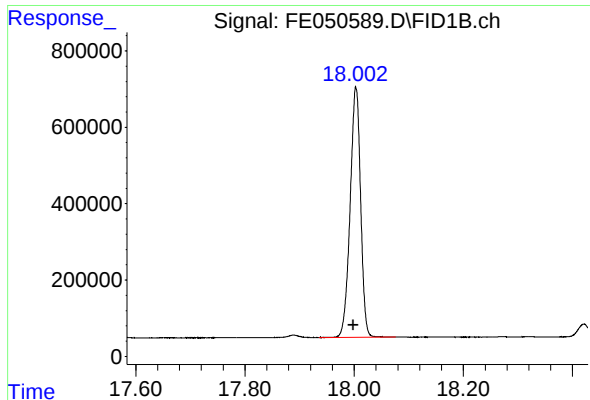
#11 N-HEXACOSANE

R.T.: 16.169 min
Delta R.T.: 0.004 min
Response: 8139281
Conc: 51.63 ug/ml



#12 N-OCTACOSANE

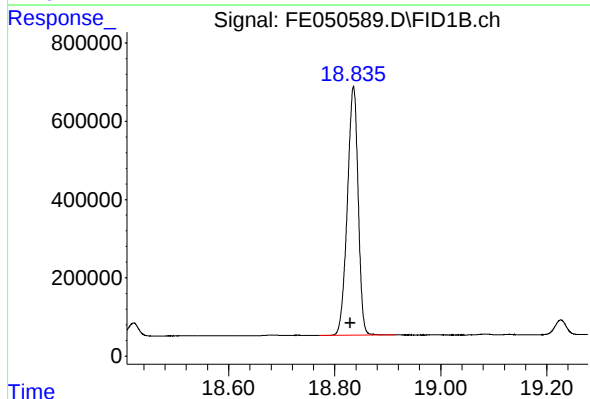
R.T.: 17.117 min
Delta R.T.: 0.005 min
Response: 8247244
Conc: 51.63 ug/ml



#13 N-TRIACONTANE

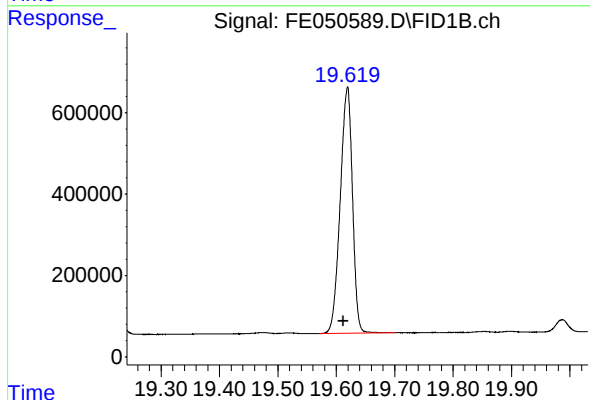
R.T.: 18.003 min
Delta R.T.: 0.005 min
Response: 8720673
Conc: 51.79 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



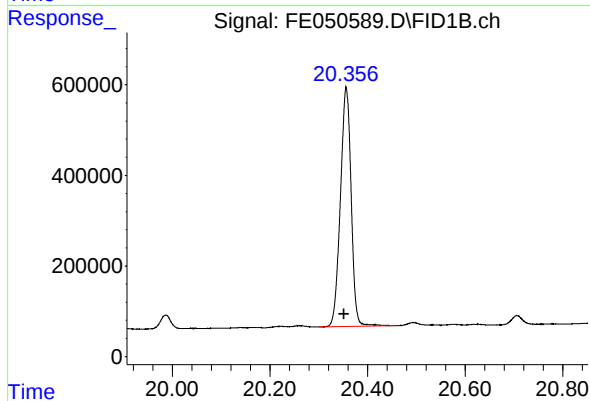
#14 N-DOTRIACONTANE

R.T.: 18.835 min
Delta R.T.: 0.006 min
Response: 8992402
Conc: 51.72 ug/ml



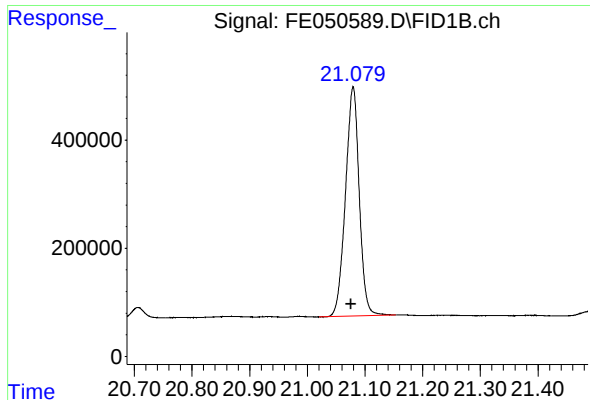
#15 N-TETRATRIACONTANE

R.T.: 19.619 min
Delta R.T.: 0.007 min
Response: 8823074
Conc: 49.81 ug/ml



#16 N-HEXATRIACONTANE

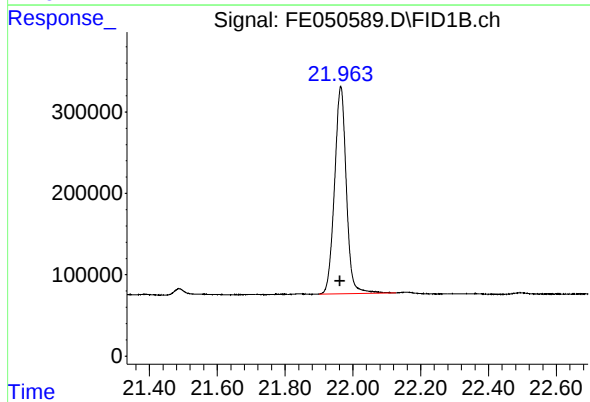
R.T.: 20.356 min
Delta R.T.: 0.005 min
Response: 8056198
Conc: 47.11 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.079 min
Delta R.T.: 0.004 min
Response: 7044333
Conc: 41.83 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 21.964 min
Delta R.T.: 0.003 min
Response: 6134632
Conc: 39.84 ug/ml