

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042925\
 Data File : FG015772.D
 Signal(s) : FID1A.ch
 Acq On : 29 Apr 2025 18:16
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Apr 30 01:20:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
 Quant Title :
 QLast Update : Thu Apr 24 12:54:09 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...	15.004	5301024	45.024 ug/ml
Target Compounds			
1) N-OCTANE	1.975	5006181	44.422 ug/ml
2) N-DECANE	4.504	5468799	49.121 ug/ml
3) N-DODECANE	6.686	5705679	49.787 ug/ml
4) N-TETRADECANE	8.522	5849850	48.277 ug/ml
5) N-HEXADECANE	10.136	5944237	47.348 ug/ml
6) N-OCTADECANE	11.584	6096130	46.517 ug/ml
7) N-EICOSANE	12.900	6181083	45.591 ug/ml
8) N-DOCOSANE	14.103	6023285	45.414 ug/ml
10) N-TETRACOSANE	15.209	6024105	45.333 ug/ml
11) N-HEXACOSANE	16.233	5973249	45.040 ug/ml
12) N-OCTACOSANE	17.187	5941061	45.065 ug/ml
13) N-TRIACONTANE	18.076	6135793	46.023 ug/ml
14) N-DOTRIACONTANE	18.911	6228685	47.249 ug/ml
15) N-TETRATRIACONTANE	19.695	6500692	53.753 ug/ml
16) N-HEXATRIACONTANE	20.436	6731133	62.780 ug/ml
17) N-OCTATRIACONTANE	21.178	6991511	72.580 ug/ml
18) N-TETRACONTANE	22.100	6918385	77.695 ug/ml

(f)=RT Delta > 1/2 Window

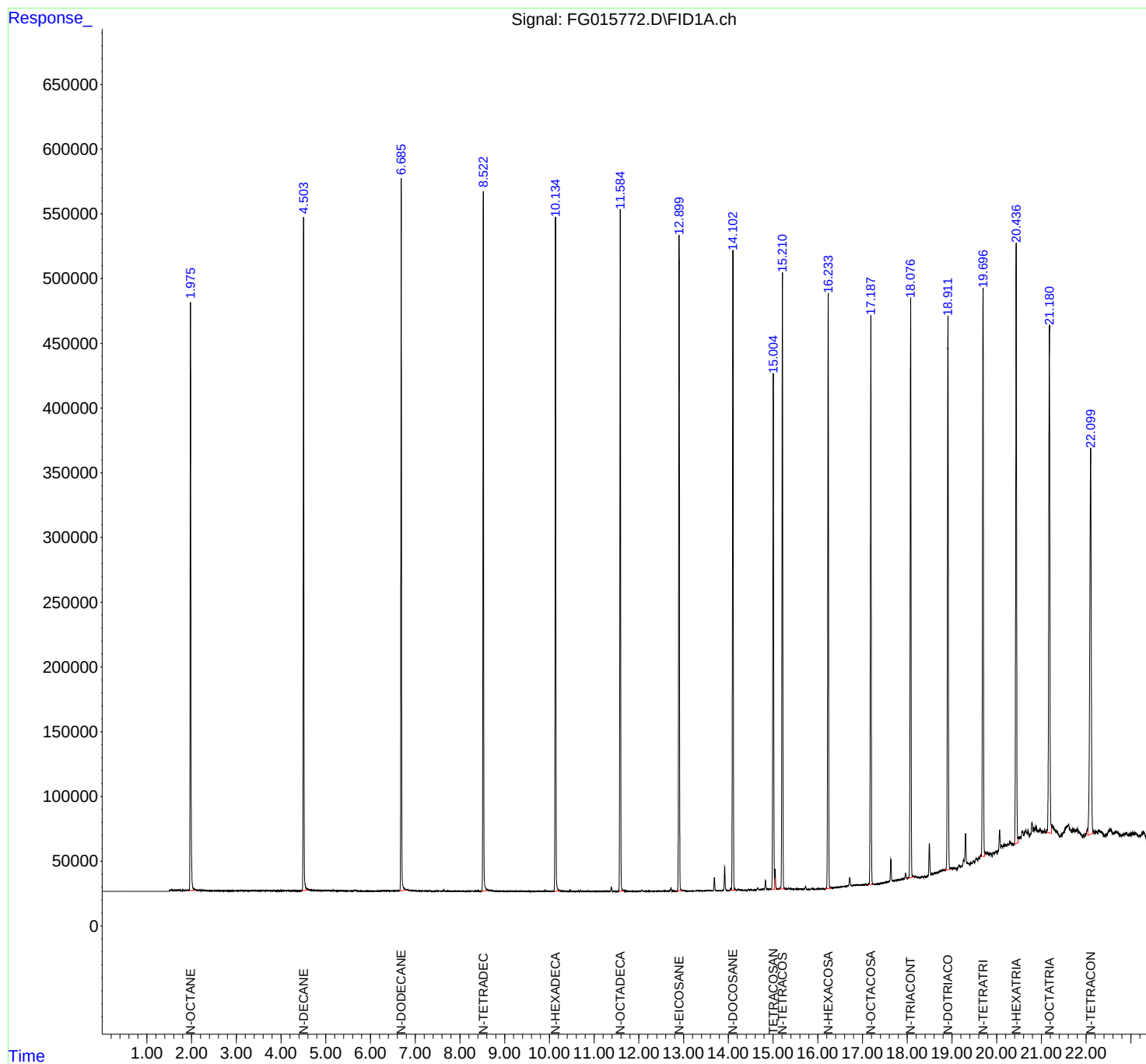
(m)=manual int.

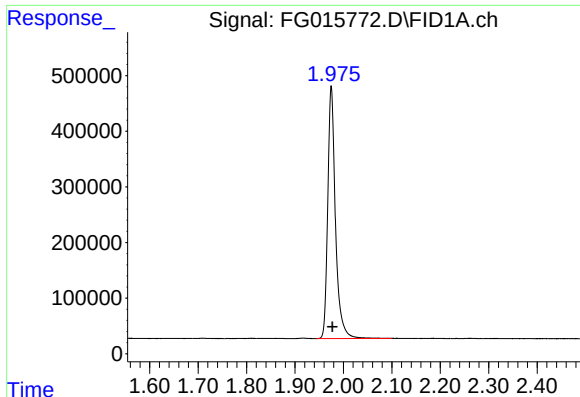
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QLast Update : Thu Apr 24 12:54:09 2025
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Integrator: ChemStation

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

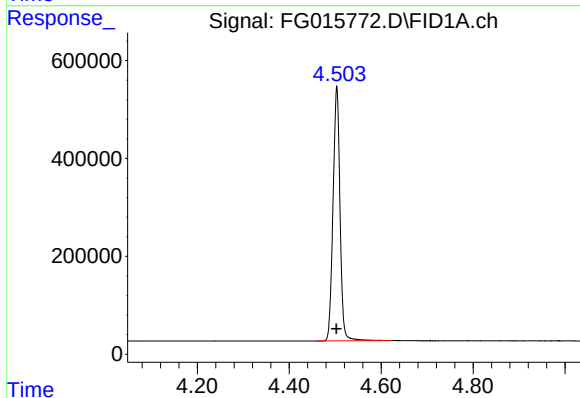




#1 N-OCTANE

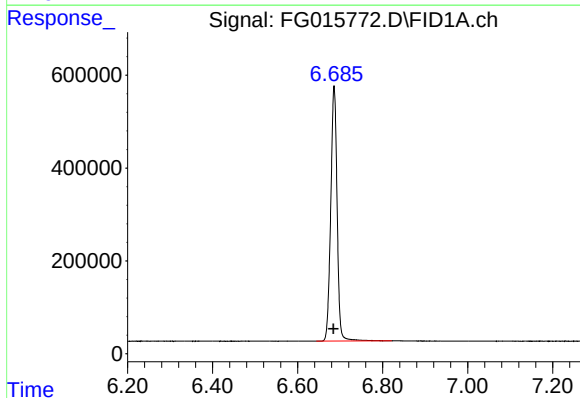
R.T.: 1.975 min
Delta R.T.: -0.002 min
Response: 5006181
Conc: 44.42 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



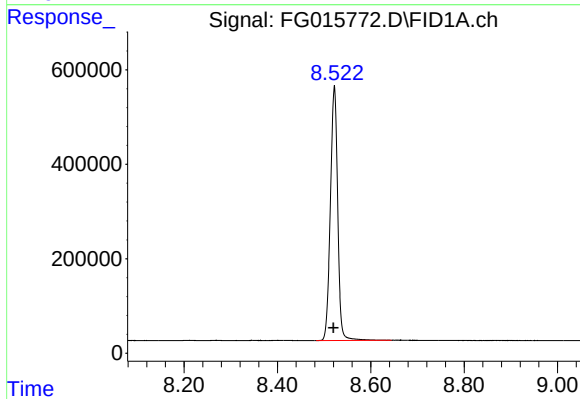
#2 N-DECANE

R.T.: 4.504 min
Delta R.T.: 0.001 min
Response: 5468799
Conc: 49.12 ug/ml



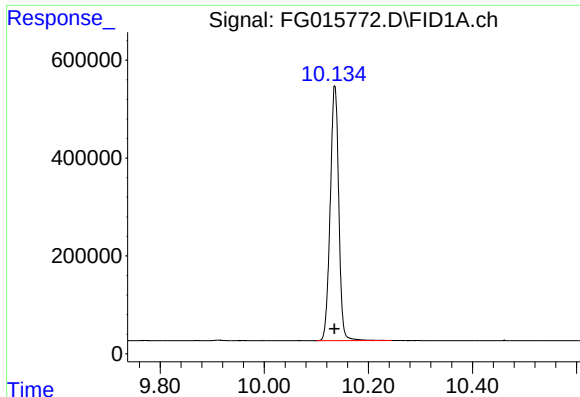
#3 N-DODECANE

R.T.: 6.686 min
Delta R.T.: 0.002 min
Response: 5705679
Conc: 49.79 ug/ml



#4 N-TETRADECANE

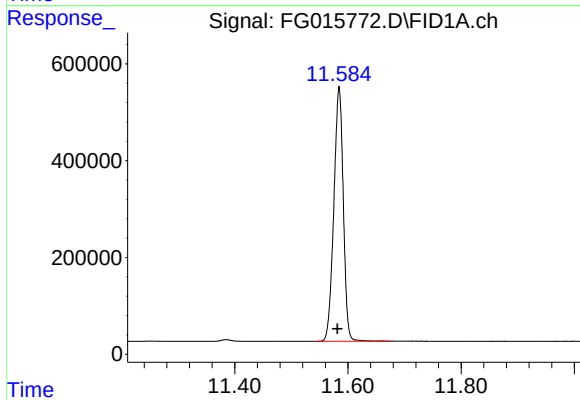
R.T.: 8.522 min
Delta R.T.: 0.002 min
Response: 5849850
Conc: 48.28 ug/ml



#5 N-HEXADECANE

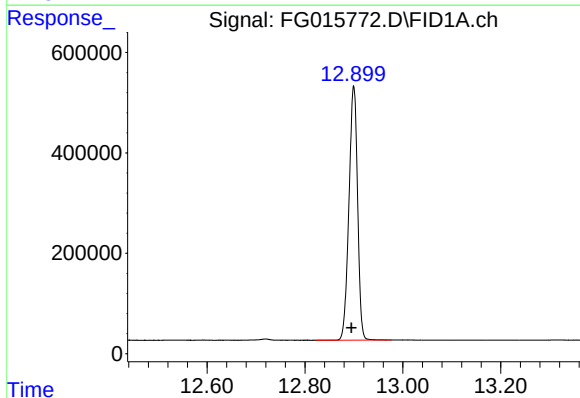
R.T.: 10.136 min
Delta R.T.: 0.000 min
Response: 5944237
Conc: 47.35 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



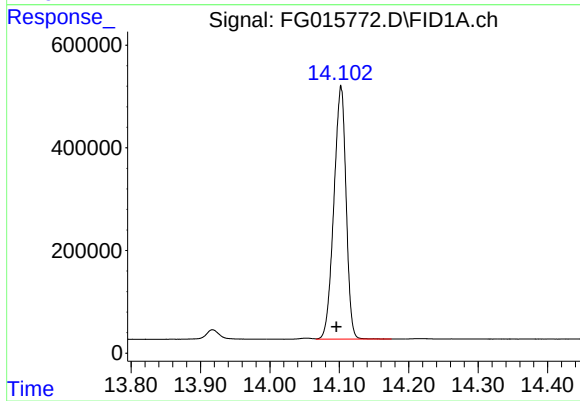
#6 N-OCTADECANE

R.T.: 11.584 min
Delta R.T.: 0.003 min
Response: 6096130
Conc: 46.52 ug/ml



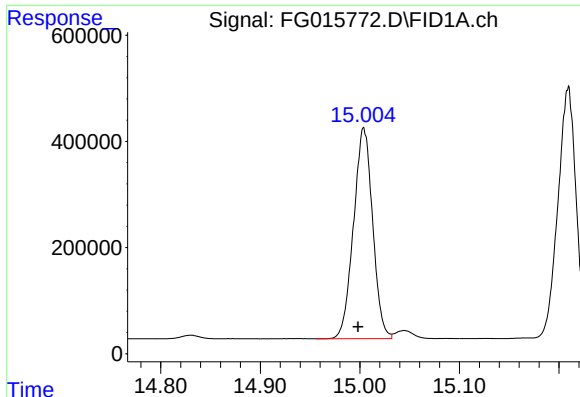
#7 N-EICOSANE

R.T.: 12.900 min
Delta R.T.: 0.005 min
Response: 6181083
Conc: 45.59 ug/ml



#8 N-DOCOSANE

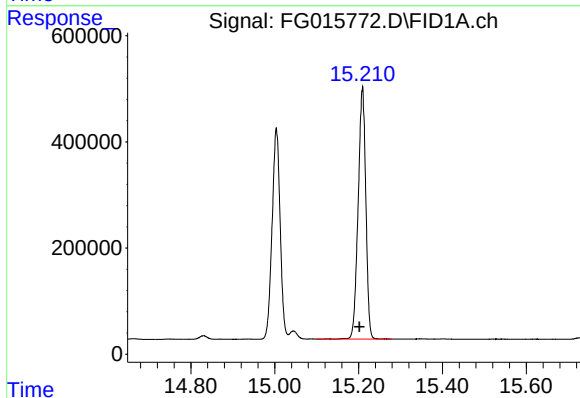
R.T.: 14.103 min
Delta R.T.: 0.007 min
Response: 6023285
Conc: 45.41 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

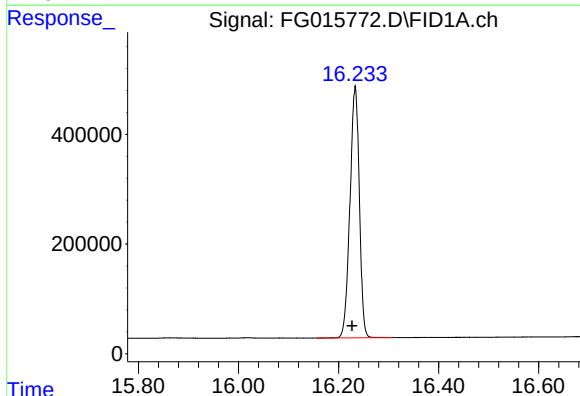
R.T.: 15.004 min
Delta R.T.: 0.006 min
Response: 5301024
Conc: 45.02 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



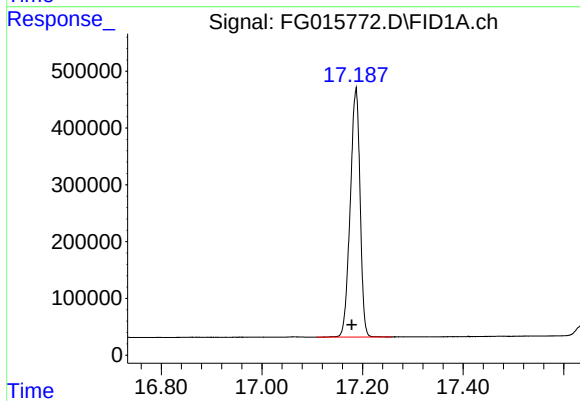
#10 N-TETRACOSANE

R.T.: 15.209 min
Delta R.T.: 0.007 min
Response: 6024105
Conc: 45.33 ug/ml



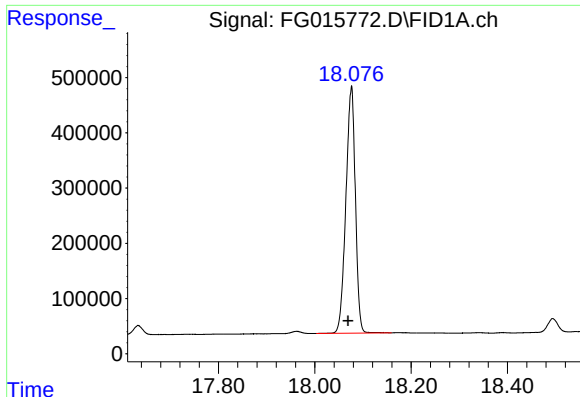
#11 N-HEXACOSANE

R.T.: 16.233 min
Delta R.T.: 0.006 min
Response: 5973249
Conc: 45.04 ug/ml



#12 N-OCTACOSANE

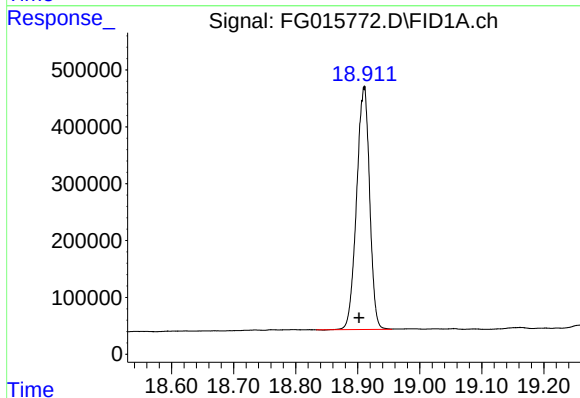
R.T.: 17.187 min
Delta R.T.: 0.008 min
Response: 5941061
Conc: 45.06 ug/ml



#13 N-TRIACONTANE

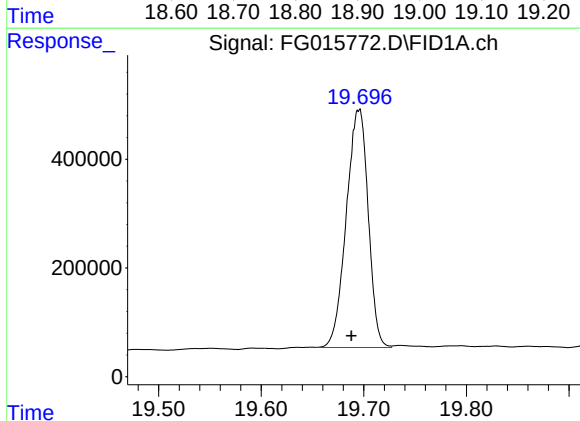
R.T.: 18.076 min
Delta R.T.: 0.007 min
Response: 6135793
Conc: 46.02 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



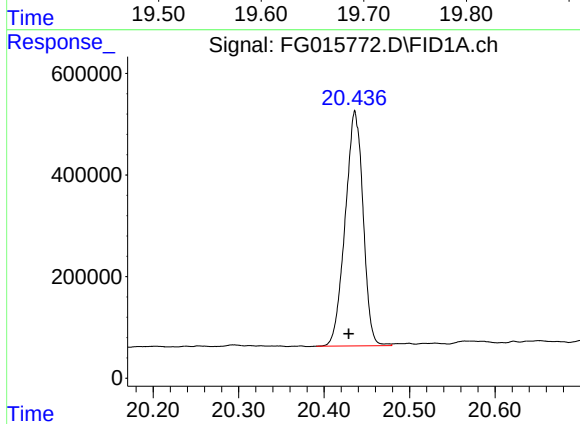
#14 N-DOTRIACONTANE

R.T.: 18.911 min
Delta R.T.: 0.008 min
Response: 6228685
Conc: 47.25 ug/ml



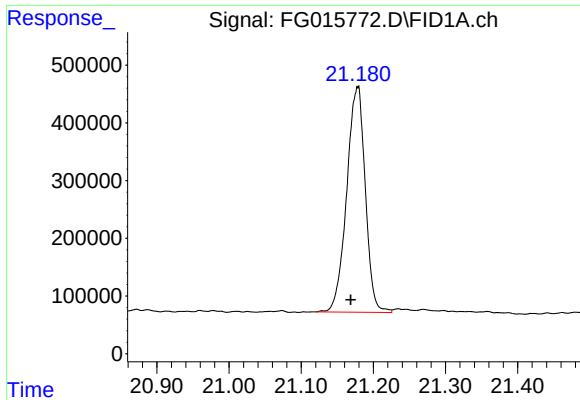
#15 N-TETRATRIACONTANE

R.T.: 19.695 min
Delta R.T.: 0.008 min
Response: 6500692
Conc: 53.75 ug/ml



#16 N-HEXATRIACONTANE

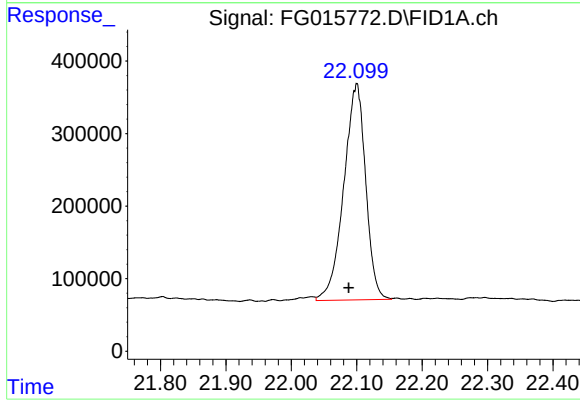
R.T.: 20.436 min
Delta R.T.: 0.007 min
Response: 6731133
Conc: 62.78 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.178 min
Delta R.T.: 0.010 min
Response: 6991511
Conc: 72.58 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.100 min
Delta R.T.: 0.013 min
Response: 6918385
Conc: 77.69 ug/ml