

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG073124\
 Data File : FG013983.D
 Signal(s) : FID1A.ch
 Acq On : 31 Jul 2024 08:54
 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: Aug 01 03:01:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG072324.M
 Quant Title :
 QLast Update : Tue Jul 23 14:43:06 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...	14.957	5899212	48.768 ug/ml
Target Compounds			
1) N-OCTANE	1.965	6348032	52.757 ug/ml
2) N-DECANE	4.473	6420917	51.501 ug/ml
3) N-DODECANE	6.647	6625261	50.212 ug/ml
4) N-TETRADECANE	8.480	6409039	49.018 ug/ml
5) N-HEXADECANE	10.092	6524731	48.955 ug/ml
6) N-OCTADECANE	11.538	6627188	48.495 ug/ml
7) N-EICOSANE	12.852	6499860	48.633 ug/ml
8) N-DOCOSANE	14.054	6371103	48.399 ug/ml
10) N-TETRACOSANE	15.161	6345152	48.610 ug/ml
11) N-HEXACOSANE	16.184	6285297	48.934 ug/ml
12) N-OCTACOSANE	17.138	6294939	49.631 ug/ml
13) N-TRIACONTANE	18.026	6357264	50.538 ug/ml
14) N-DOTRIACONTANE	18.861	6184644	50.688 ug/ml
15) N-TETRATRIACONTANE	19.646	5196660	51.630 ug/ml
16) N-HEXATRIACONTANE	20.387	4080468	48.835 ug/ml
17) N-OCTATRIACONTANE	21.121	3249857	43.572 ug/ml
18) N-TETRACONTANE	22.022	2756546	39.776 ug/ml

(f)=RT Delta > 1/2 Window

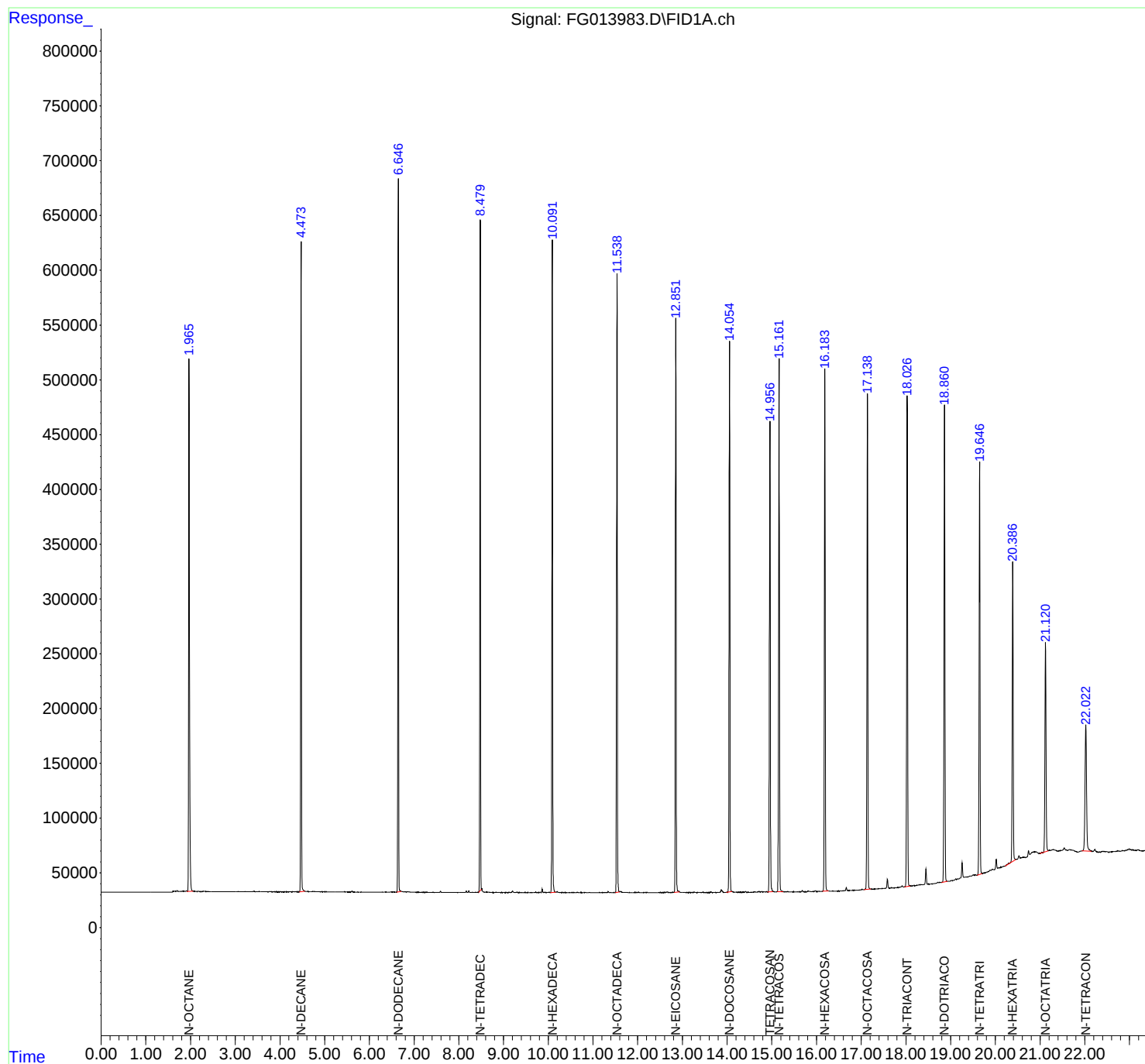
(m)=manual int.

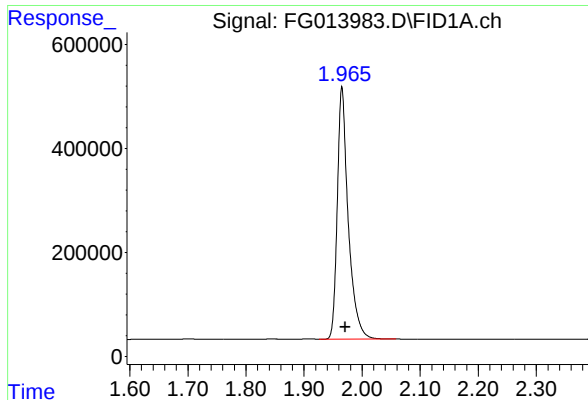
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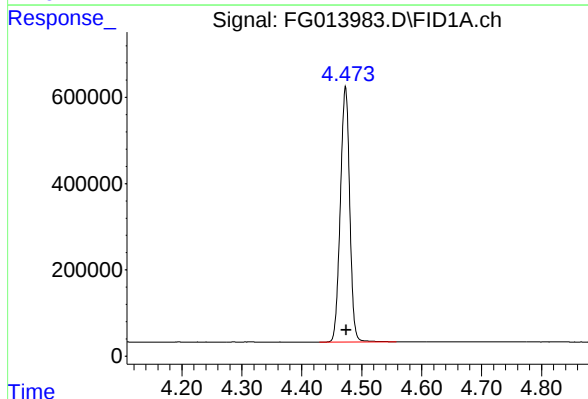




#1 N-OCTANE

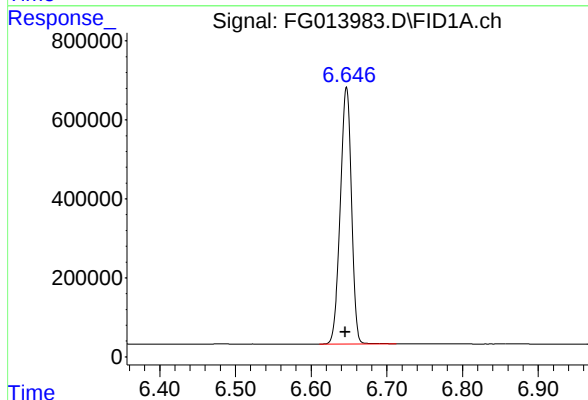
R.T.: 1.965 min
Delta R.T.: -0.006 min
Response: 6348032
Conc: 52.76 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



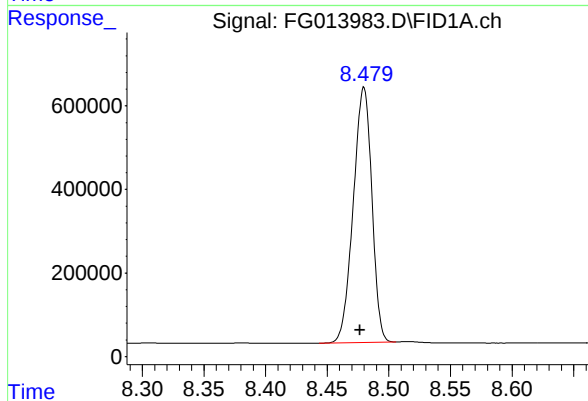
#2 N-DECANE

R.T.: 4.473 min
Delta R.T.: -0.001 min
Response: 6420917
Conc: 51.50 ug/ml



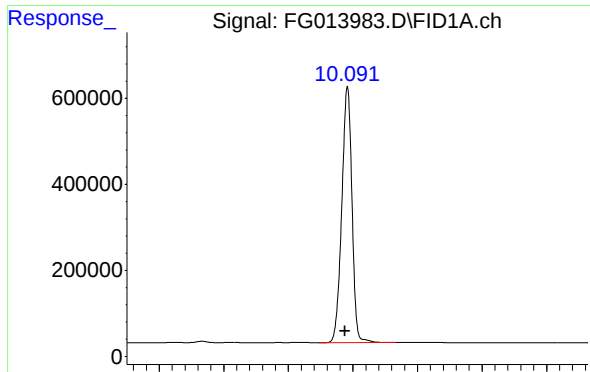
#3 N-DODECANE

R.T.: 6.647 min
Delta R.T.: 0.002 min
Response: 6625261
Conc: 50.21 ug/ml



#4 N-TETRADECANE

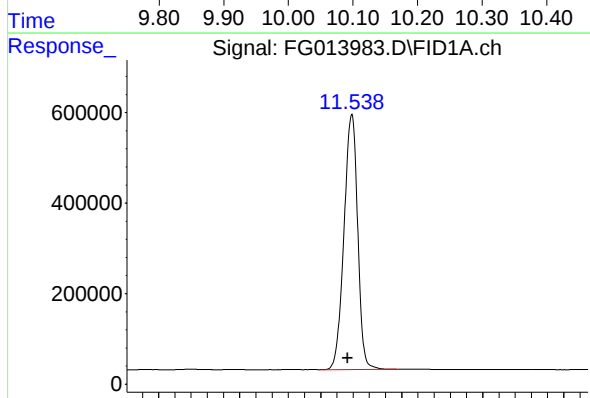
R.T.: 8.480 min
Delta R.T.: 0.003 min
Response: 6409039
Conc: 49.02 ug/ml



#5 N-HEXADECANE

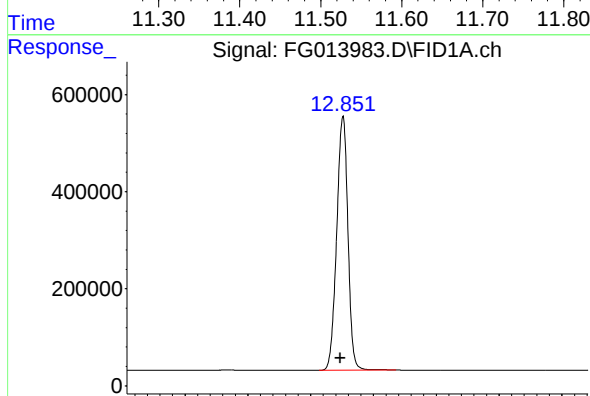
R.T.: 10.092 min
Delta R.T.: 0.004 min
Response: 6524731
Conc: 48.96 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



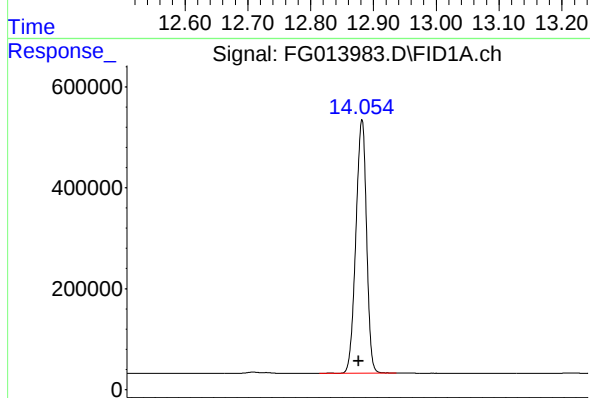
#6 N-OCTADECANE

R.T.: 11.538 min
Delta R.T.: 0.005 min
Response: 6627188
Conc: 48.49 ug/ml



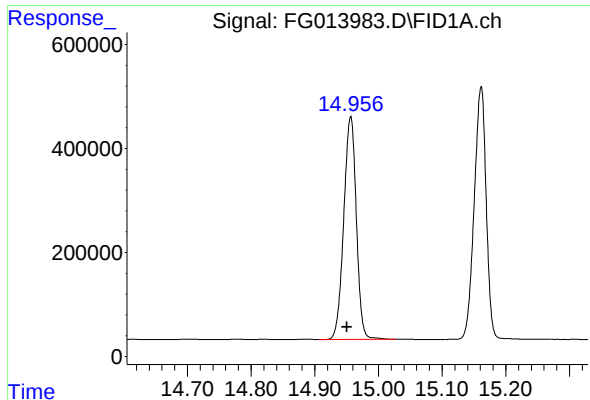
#7 N-EICOSANE

R.T.: 12.852 min
Delta R.T.: 0.004 min
Response: 6499860
Conc: 48.63 ug/ml



#8 N-DOCOSANE

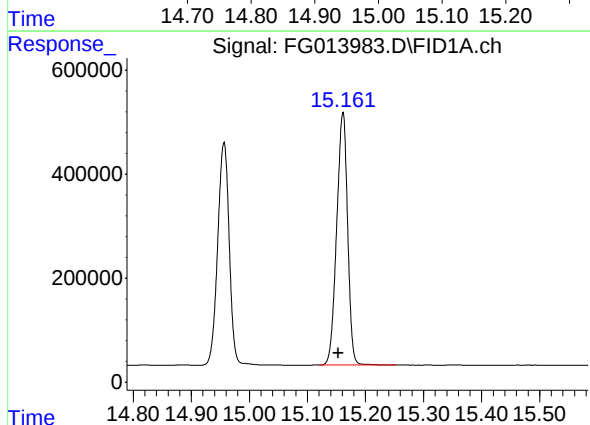
R.T.: 14.054 min
Delta R.T.: 0.005 min
Response: 6371103
Conc: 48.40 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

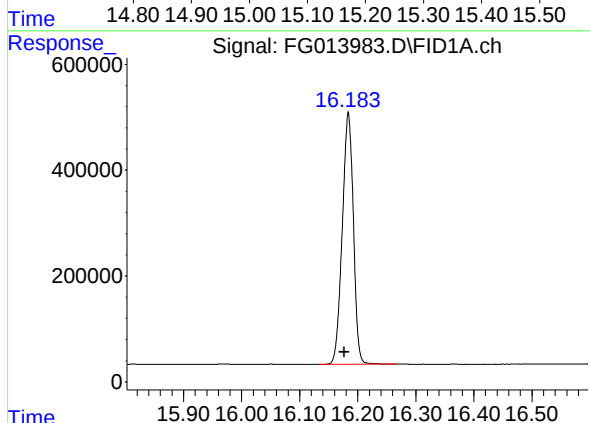
R.T.: 14.957 min
Delta R.T.: 0.006 min
Response: 5899212
Conc: 48.77 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



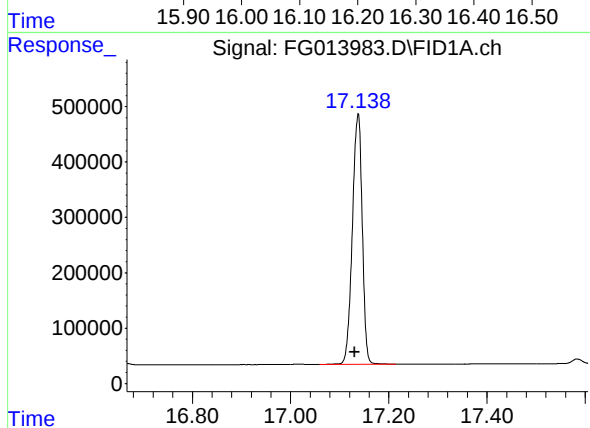
#10 N-TETRACOSANE

R.T.: 15.161 min
Delta R.T.: 0.008 min
Response: 6345152
Conc: 48.61 ug/ml



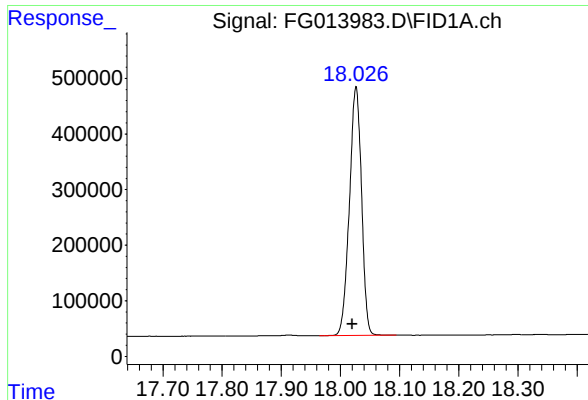
#11 N-HEXACOSANE

R.T.: 16.184 min
Delta R.T.: 0.007 min
Response: 6285297
Conc: 48.93 ug/ml



#12 N-OCTACOSANE

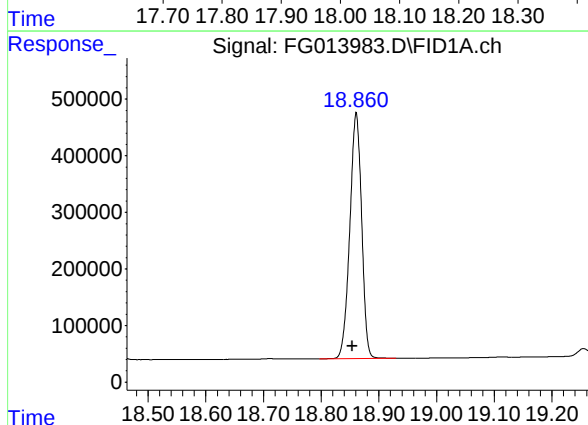
R.T.: 17.138 min
Delta R.T.: 0.007 min
Response: 6294939
Conc: 49.63 ug/ml



#13 N-TRIACONTANE

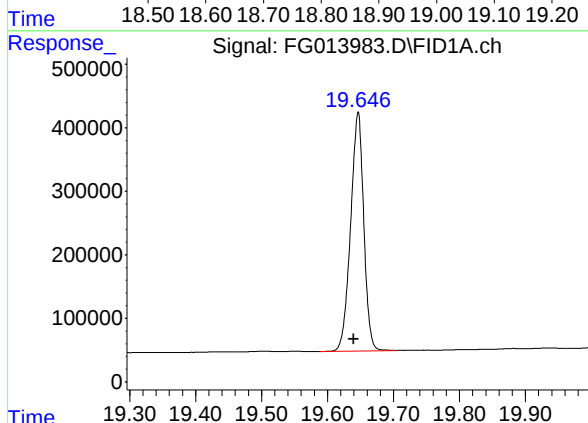
R.T.: 18.026 min
Delta R.T.: 0.006 min
Response: 6357264
Conc: 50.54 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



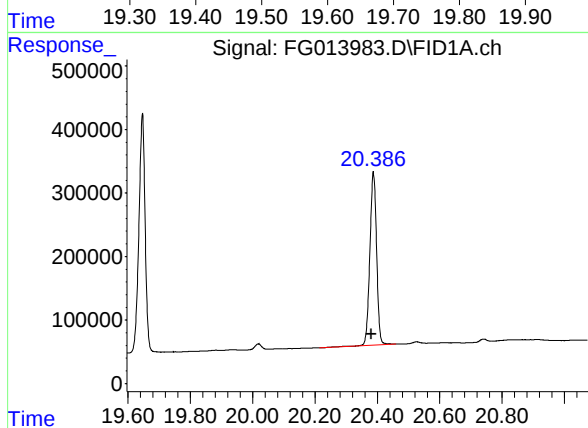
#14 N-DOTRIACONTANE

R.T.: 18.861 min
Delta R.T.: 0.007 min
Response: 6184644
Conc: 50.69 ug/ml



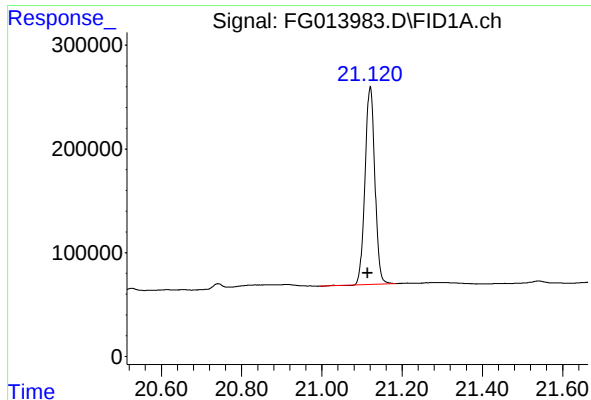
#15 N-TETRATRIACONTANE

R.T.: 19.646 min
Delta R.T.: 0.007 min
Response: 5196660
Conc: 51.63 ug/ml



#16 N-HEXATRIACONTANE

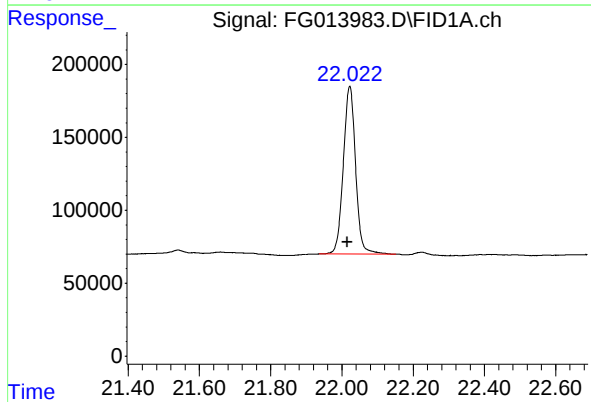
R.T.: 20.387 min
Delta R.T.: 0.006 min
Response: 4080468
Conc: 48.84 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.121 min
Delta R.T.: 0.006 min
Response: 3249857
Conc: 43.57 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.022 min
Delta R.T.: 0.007 min
Response: 2756546
Conc: 39.78 ug/ml