

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG012425\
 Data File : FG015169.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jan 2025 15:01
 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: Jan 25 00:20:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG011325.M
 Quant Title :
 QLast Update : Fri Jan 24 12:51:39 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...	15.048	6340856	49.432 ug/ml
Target Compounds			
1) N-OCTANE	2.006	5933564	48.627 ug/ml
2) N-DECANE	4.542	6456277	49.982 ug/ml
3) N-DODECANE	6.724	6846955	50.258 ug/ml
4) N-TETRADECANE	8.562	6839180	49.970 ug/ml
5) N-HEXADECANE	10.176	7053685	49.986 ug/ml
6) N-OCTADECANE	11.626	7309480	49.830 ug/ml
7) N-EICOSANE	12.943	7148365	49.168 ug/ml
8) N-DOCOSANE	14.144	7029846	49.001 ug/ml
10) N-TETRACOSANE	15.252	6966879	48.779 ug/ml
11) N-HEXACOSANE	16.277	6784521	48.172 ug/ml
12) N-OCTACOSANE	17.229	6665448	47.599 ug/ml
13) N-TRIACONTANE	18.119	6582295	46.267 ug/ml
14) N-DOTRIACONTANE	18.953	6317907	45.457 ug/ml
15) N-TETRATRIACONTANE	19.738	5433713	43.367 ug/ml
16) N-HEXATRIACONTANE	20.479	4350396	40.258 ug/ml
17) N-OCTATRIACONTANE	21.230	3751405	38.031 ug/ml
18) N-TETRACONTANE	22.168	3491786	37.608 ug/ml

(f)=RT Delta > 1/2 Window

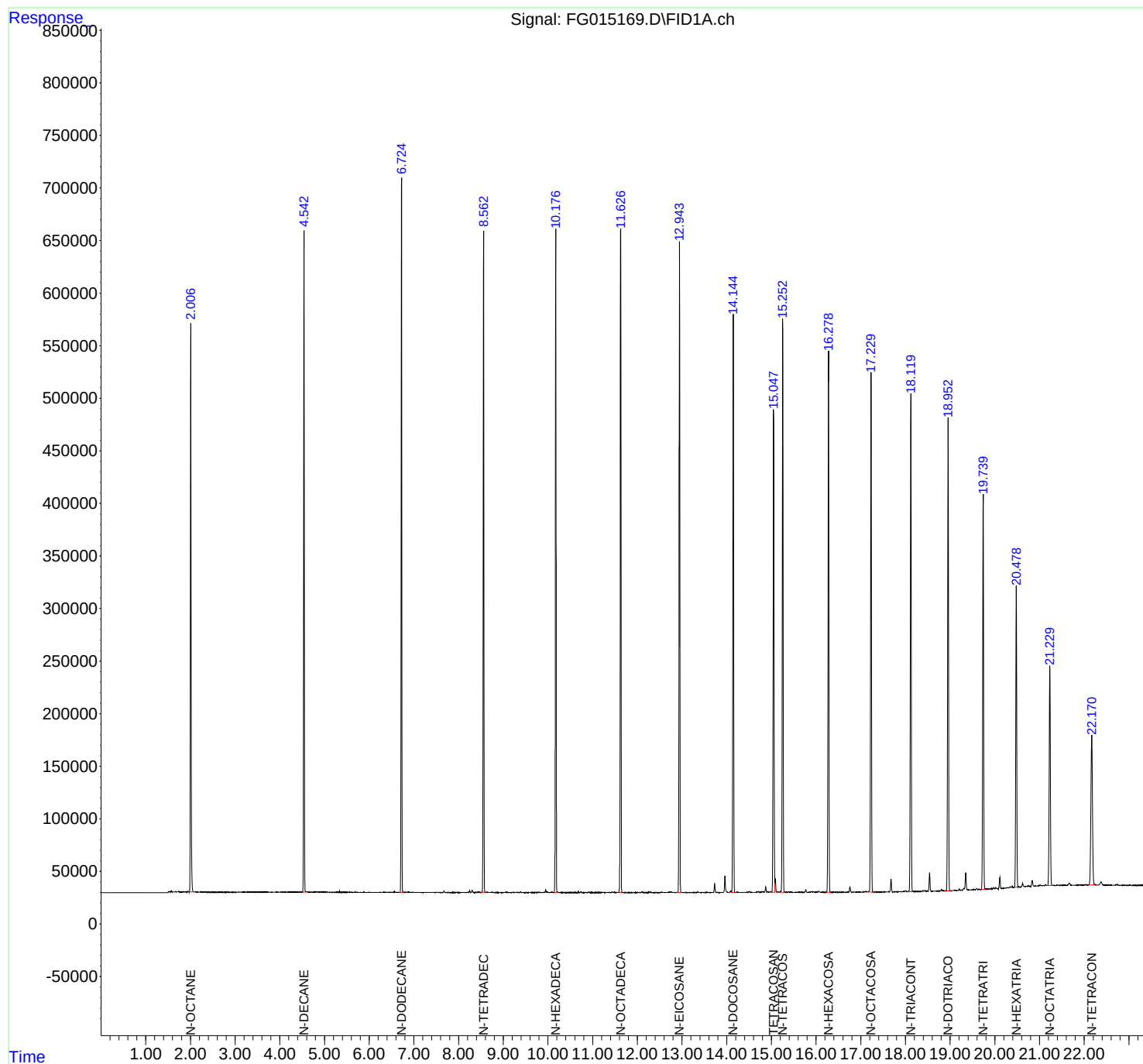
(m)=manual int.

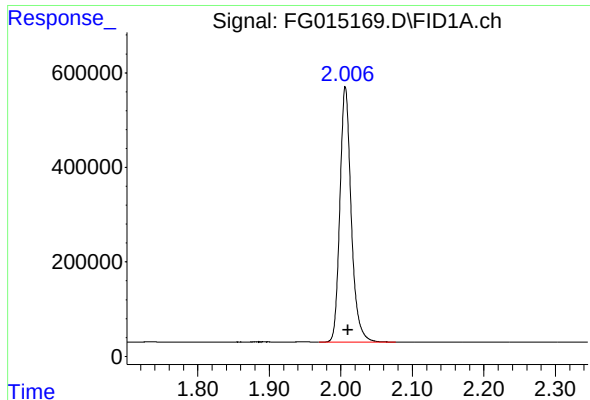
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QLast Update : Fri Jan 24 12:51:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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

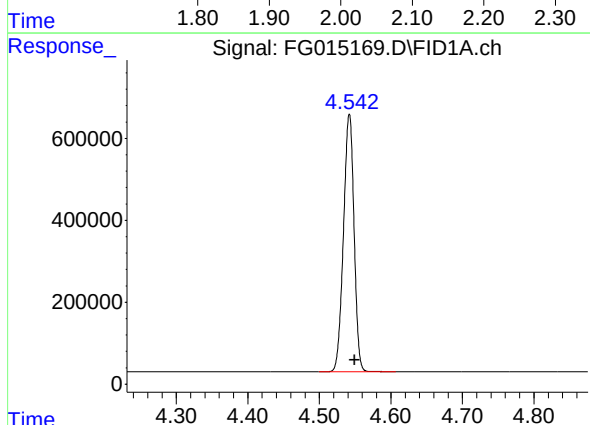




#1 N-OCTANE

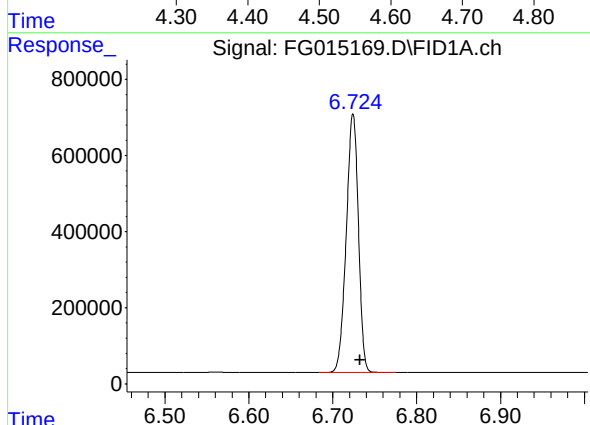
R.T.: 2.006 min
Delta R.T.: -0.004 min
Response: 5933564
Conc: 48.63 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



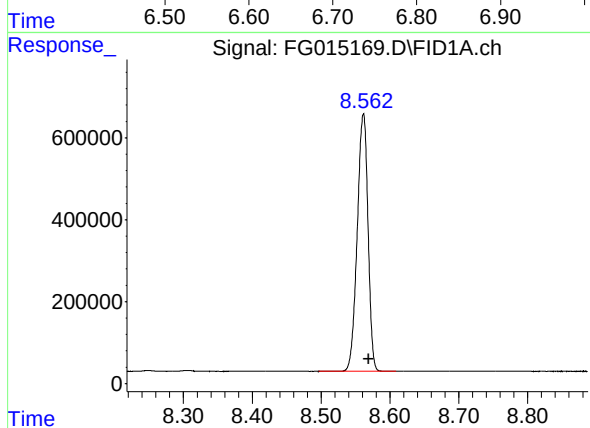
#2 N-DECANE

R.T.: 4.542 min
Delta R.T.: -0.007 min
Response: 6456277
Conc: 49.98 ug/ml



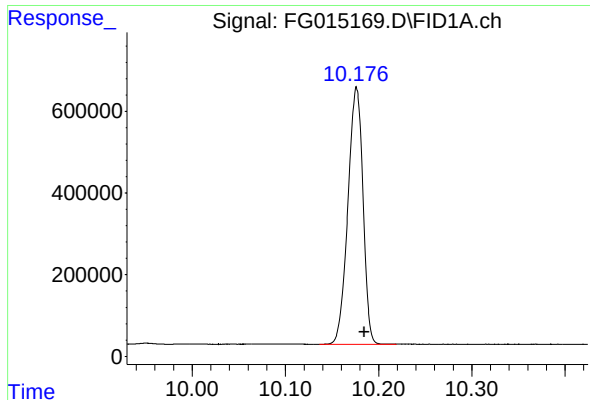
#3 N-DODECANE

R.T.: 6.724 min
Delta R.T.: -0.008 min
Response: 6846955
Conc: 50.26 ug/ml



#4 N-TETRADECANE

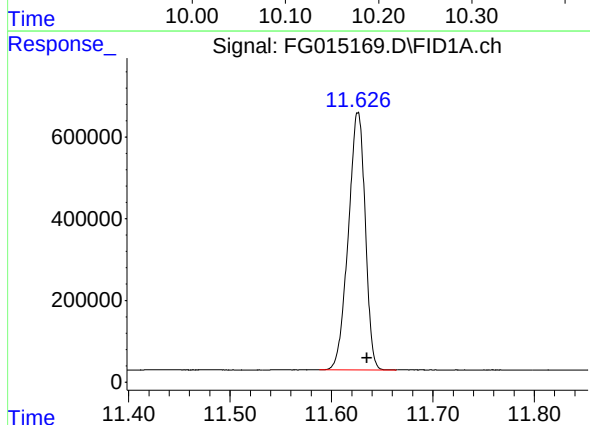
R.T.: 8.562 min
Delta R.T.: -0.008 min
Response: 6839180
Conc: 49.97 ug/ml



#5 N-HEXADECANE

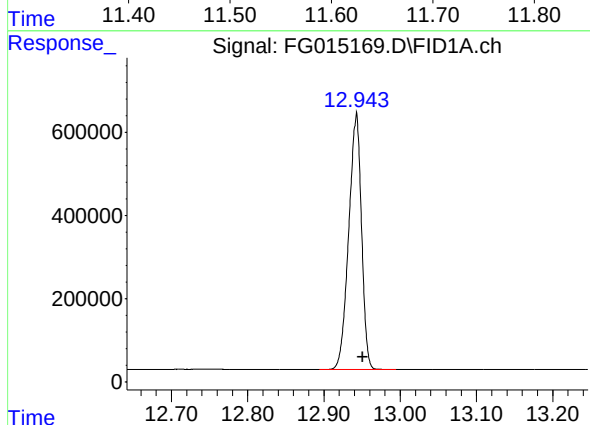
R.T.: 10.176 min
Delta R.T.: -0.008 min
Response: 7053685
Conc: 49.99 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



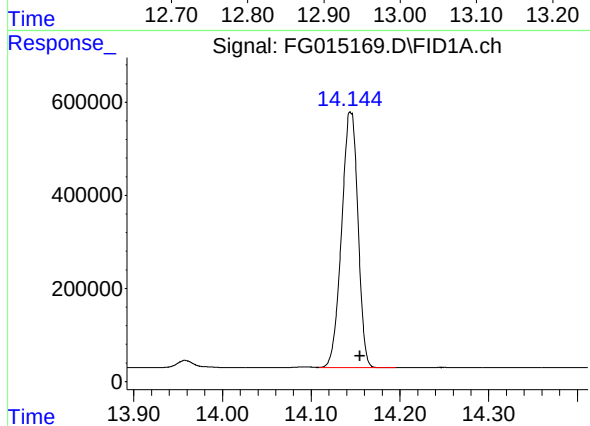
#6 N-OCTADECANE

R.T.: 11.626 min
Delta R.T.: -0.009 min
Response: 7309480
Conc: 49.83 ug/ml



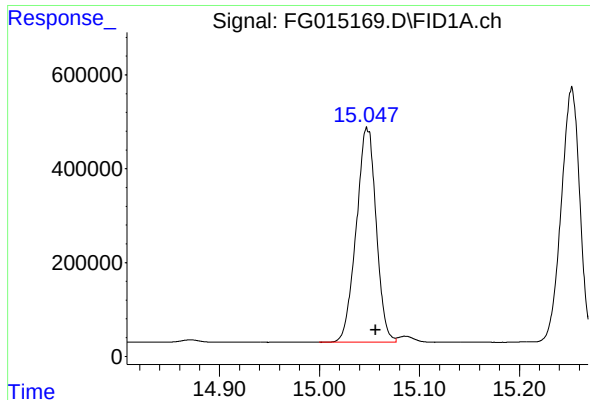
#7 N-EICOSANE

R.T.: 12.943 min
Delta R.T.: -0.008 min
Response: 7148365
Conc: 49.17 ug/ml



#8 N-DOCOSANE

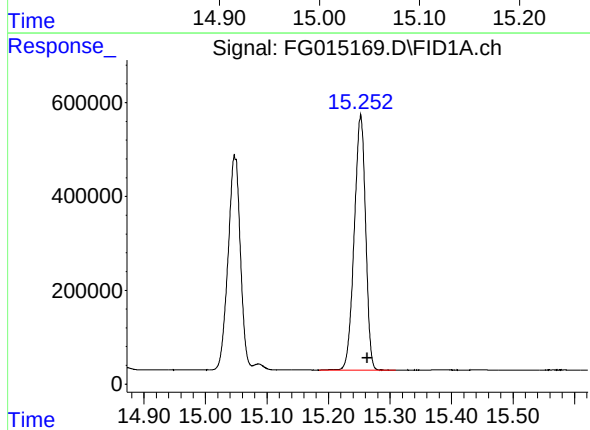
R.T.: 14.144 min
Delta R.T.: -0.011 min
Response: 7029846
Conc: 49.00 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

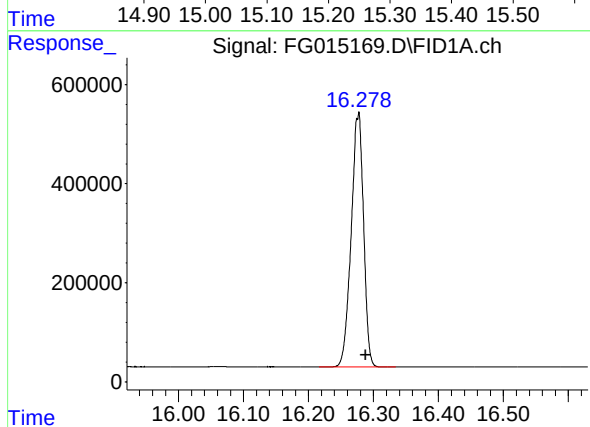
R.T.: 15.048 min
Delta R.T.: -0.008 min
Response: 6340856
Conc: 49.43 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



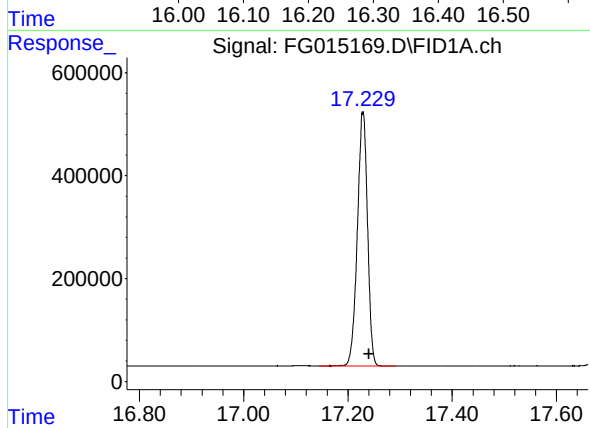
#10 N-TETRACOSANE

R.T.: 15.252 min
Delta R.T.: -0.011 min
Response: 6966879
Conc: 48.78 ug/ml



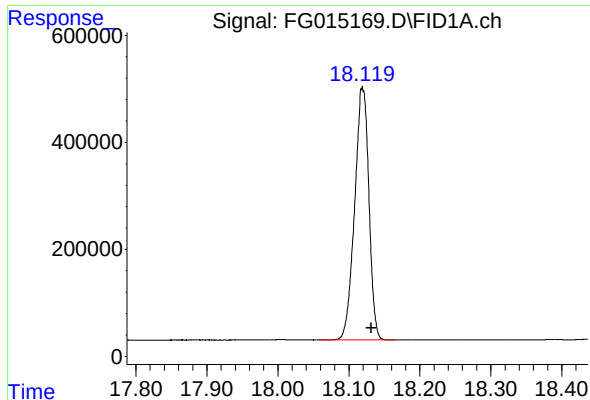
#11 N-HEXACOSANE

R.T.: 16.277 min
Delta R.T.: -0.011 min
Response: 6784521
Conc: 48.17 ug/ml



#12 N-OCTACOSANE

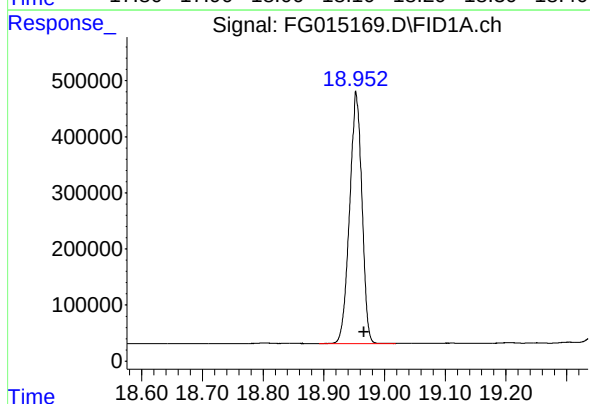
R.T.: 17.229 min
Delta R.T.: -0.012 min
Response: 6665448
Conc: 47.60 ug/ml



#13 N-TRIACONTANE

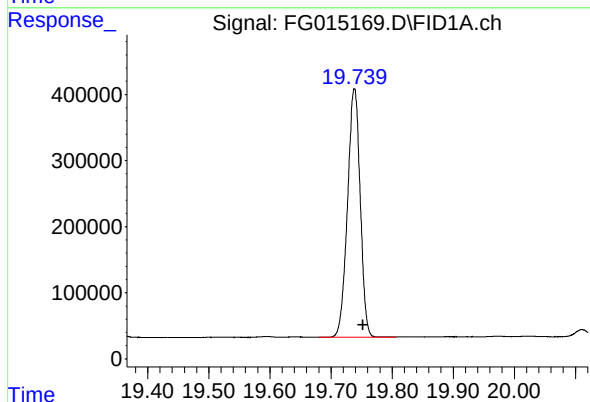
R.T.: 18.119 min
Delta R.T.: -0.013 min
Response: 6582295
Conc: 46.27 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



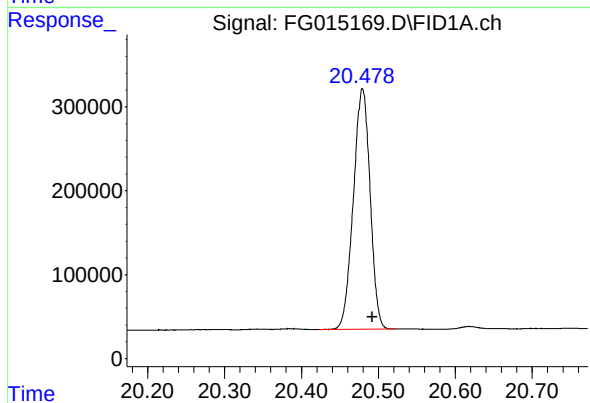
#14 N-DOTRIACONTANE

R.T.: 18.953 min
Delta R.T.: -0.013 min
Response: 6317907
Conc: 45.46 ug/ml



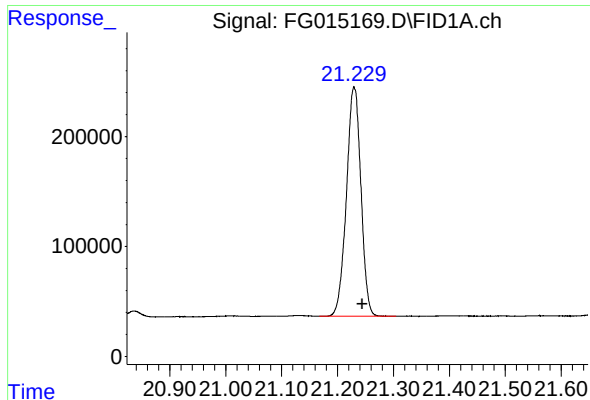
#15 N-TETRATRIACONTANE

R.T.: 19.738 min
Delta R.T.: -0.014 min
Response: 5433713
Conc: 43.37 ug/ml



#16 N-HEXATRIACONTANE

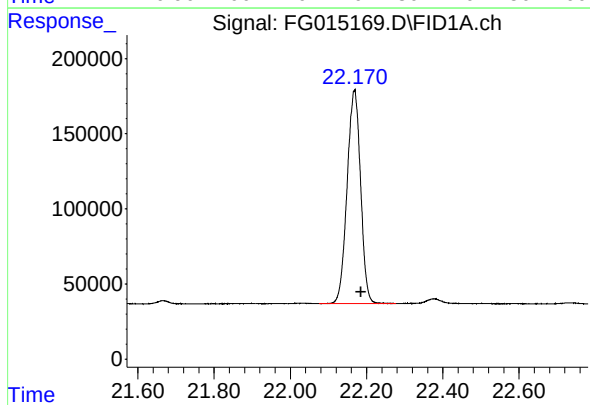
R.T.: 20.479 min
Delta R.T.: -0.013 min
Response: 4350396
Conc: 40.26 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.230 min
Delta R.T.: -0.015 min
Response: 3751405
Conc: 38.03 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.168 min
Delta R.T.: -0.017 min
Response: 3491786
Conc: 37.61 ug/ml