

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG102025\  
 Data File : FG016804.D  
 Signal(s) : FID1A.ch  
 Acq On : 20 Oct 2025 16:43  
 Operator : YP\AJ  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :  
 50 PPM TRPH STD

Integration File: autoint1.e  
 Quant Time: Oct 21 01:12:22 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG10225.M  
 Quant Title :  
 QLast Update : Fri Oct 03 07:26:13 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
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System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.163	5944286	48.443 ug/ml
Target Compounds			
1) N-OCTANE	2.093	6729492	52.195 ug/ml
2) N-DECANE	4.634	6904416	53.083 ug/ml
3) N-DODECANE	6.817	6962105	52.944 ug/ml
4) N-TETRADECANE	8.657	6846464	51.866 ug/ml
5) N-HEXADECANE	10.275	6854569	51.356 ug/ml
6) N-OCTADECANE	11.729	6983595	49.879 ug/ml
7) N-EICOSANE	13.049	6983125	49.208 ug/ml
8) N-DOCOSANE	14.256	6743077	48.655 ug/ml
10) N-TETRACOSANE	15.368	6642186	48.022 ug/ml
11) N-HEXACOSANE	16.397	6515269	47.644 ug/ml
12) N-OCTACOSANE	17.353	6371656	47.073 ug/ml
13) N-TRIACONTANE	18.247	6370770	47.245 ug/ml
14) N-DOTRIACONTANE	19.085	5998566	47.432 ug/ml
15) N-TETRATRIACONTANE	19.873	5202694	49.065 ug/ml
16) N-HEXATRIACONTANE	20.617	4484164	53.719 ug/ml
17) N-OCTATRIACONTANE	21.398	3722365	53.686 ug/ml
18) N-TETRACONTANE	22.384	3151917	52.787 ug/ml
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(f)=RT Delta > 1/2 Window

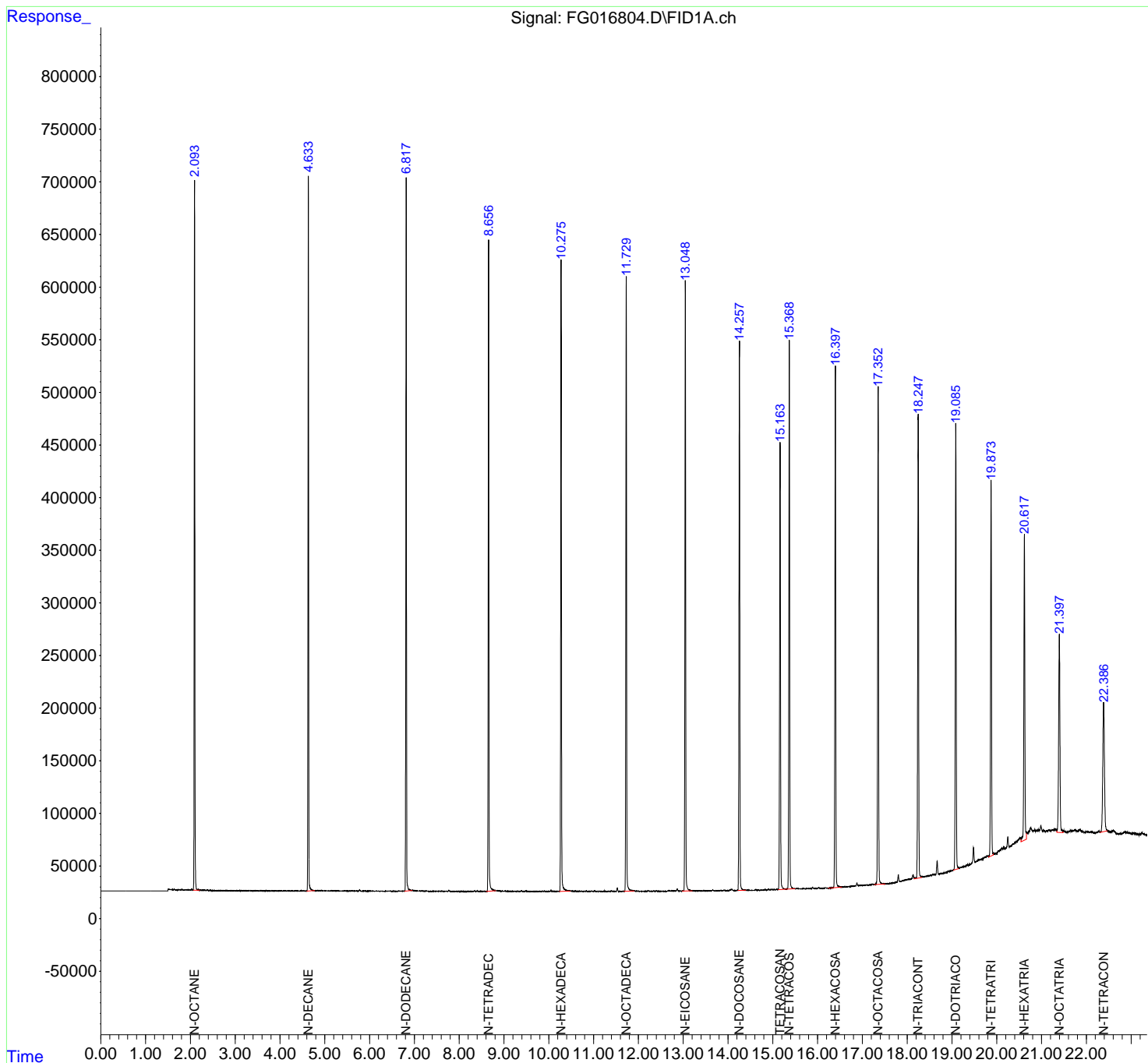
(m)=manual int.

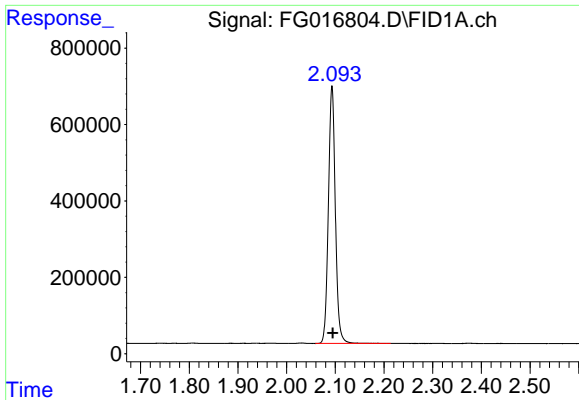
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG102025\  
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 Integrator: ChemStation

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

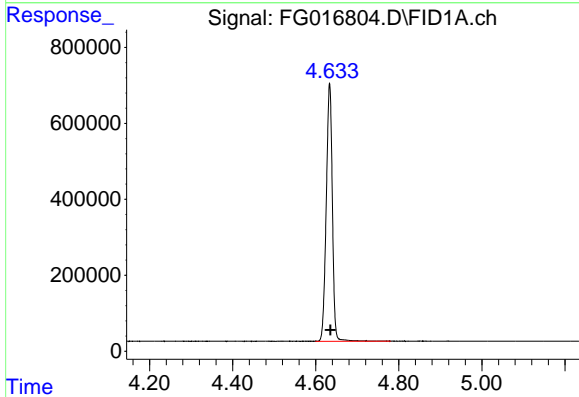




#1 N-OCTANE

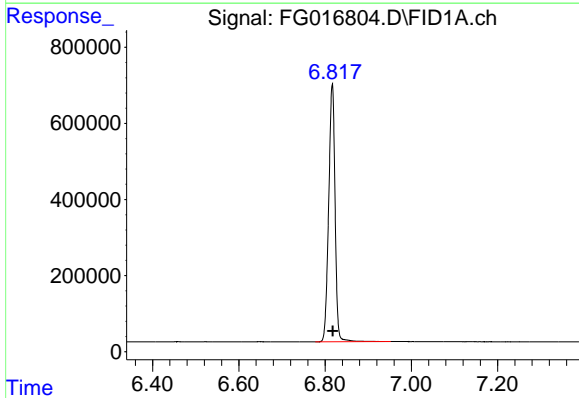
R.T.: 2.093 min  
 Delta R.T.: -0.002 min  
 Response: 6729492  
 Conc: 52.19 ug/ml

Instrument :  
 FID\_F  
 ClientSampleId :  
 50 PPM TRPH STD



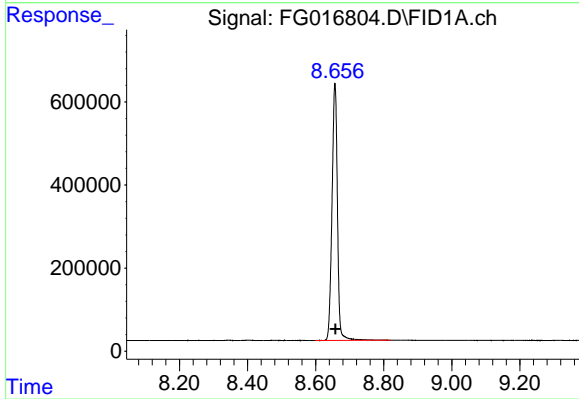
#2 N-DECANE

R.T.: 4.634 min  
 Delta R.T.: -0.002 min  
 Response: 6904416  
 Conc: 53.08 ug/ml



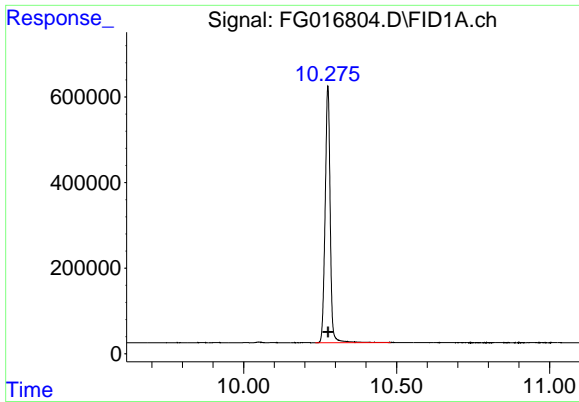
#3 N-DODECANE

R.T.: 6.817 min  
 Delta R.T.: -0.001 min  
 Response: 6962105  
 Conc: 52.94 ug/ml



#4 N-TETRADECANE

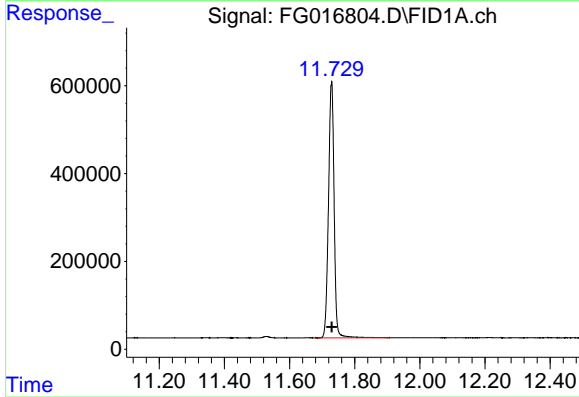
R.T.: 8.657 min  
 Delta R.T.: -0.001 min  
 Response: 6846464  
 Conc: 51.87 ug/ml



#5 N-HEXADECANE

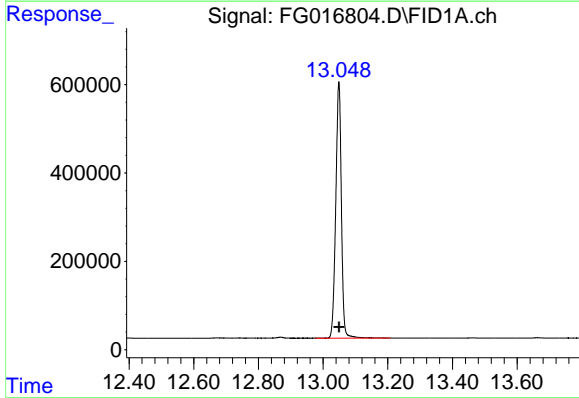
R.T.: 10.275 min  
 Delta R.T.: 0.000 min  
 Response: 6854569  
 Conc: 51.36 ug/ml

Instrument :  
 FID\_F  
 ClientSampleId :  
 50 PPM TRPH STD



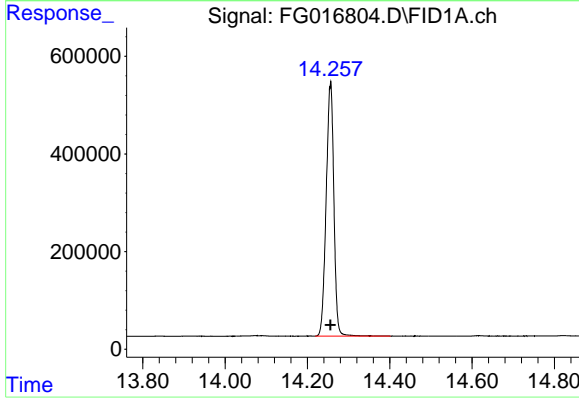
#6 N-OCTADECANE

R.T.: 11.729 min  
 Delta R.T.: 0.000 min  
 Response: 6983595  
 Conc: 49.88 ug/ml



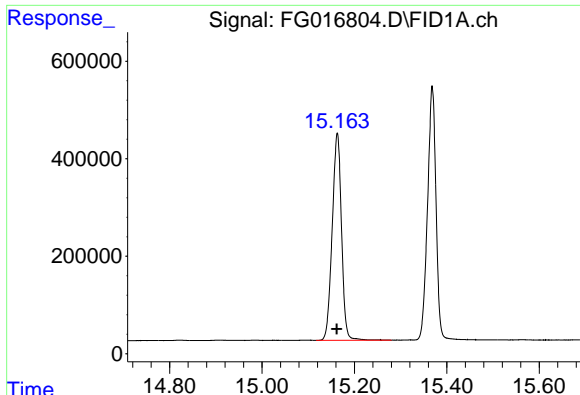
#7 N-EICOSANE

R.T.: 13.049 min  
 Delta R.T.: 0.000 min  
 Response: 6983125  
 Conc: 49.21 ug/ml



#8 N-DOCOSANE

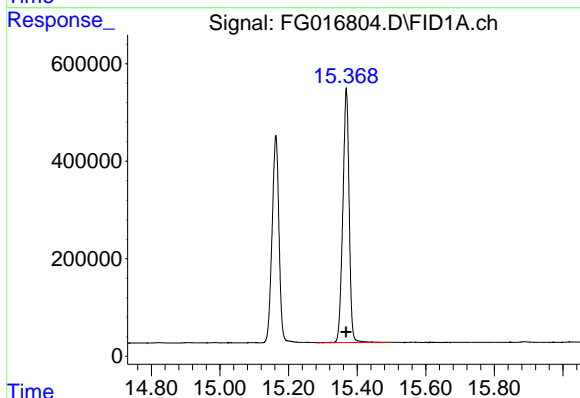
R.T.: 14.256 min  
 Delta R.T.: 0.000 min  
 Response: 6743077  
 Conc: 48.66 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

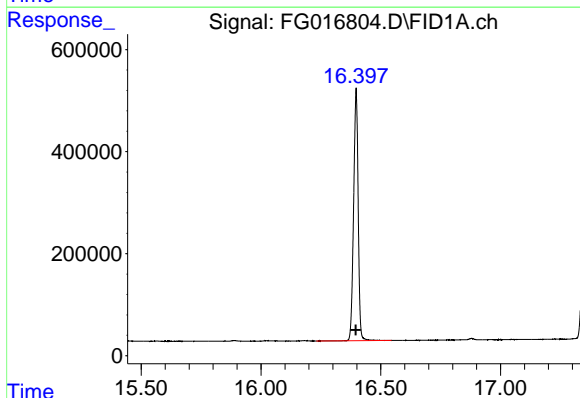
R.T.: 15.163 min  
 Delta R.T.: 0.001 min  
 Response: 5944286  
 Conc: 48.44 ug/ml

Instrument :  
 FID\_F  
 ClientSampleId :  
 50 PPM TRPH STD



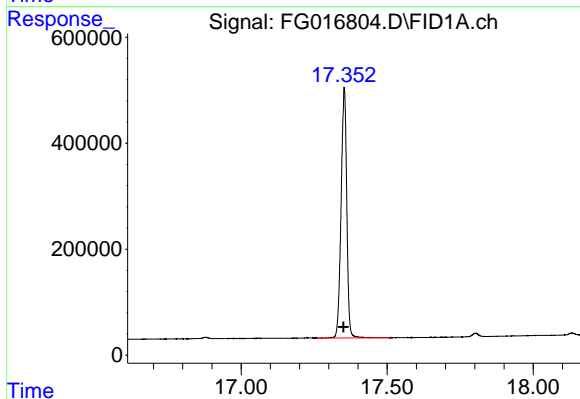
#10 N-TETRACOSANE

R.T.: 15.368 min  
 Delta R.T.: 0.000 min  
 Response: 6642186  
 Conc: 48.02 ug/ml



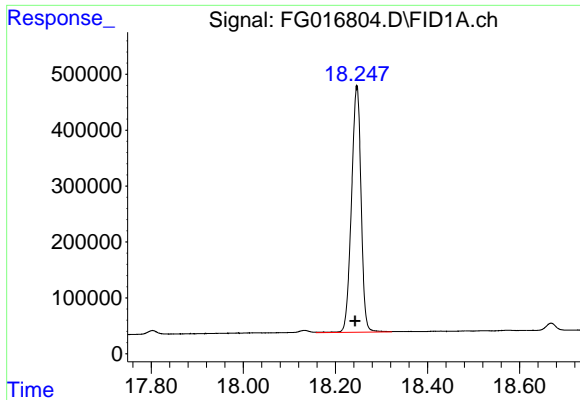
#11 N-HEXACOSANE

R.T.: 16.397 min  
 Delta R.T.: 0.002 min  
 Response: 6515269  
 Conc: 47.64 ug/ml



#12 N-OCTACOSANE

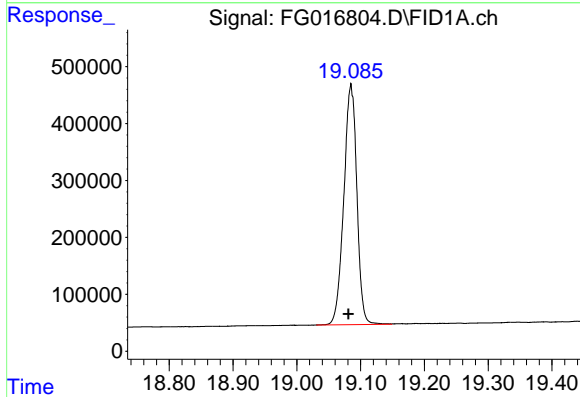
R.T.: 17.353 min  
 Delta R.T.: 0.003 min  
 Response: 6371656  
 Conc: 47.07 ug/ml



#13 N-TRIACONTANE

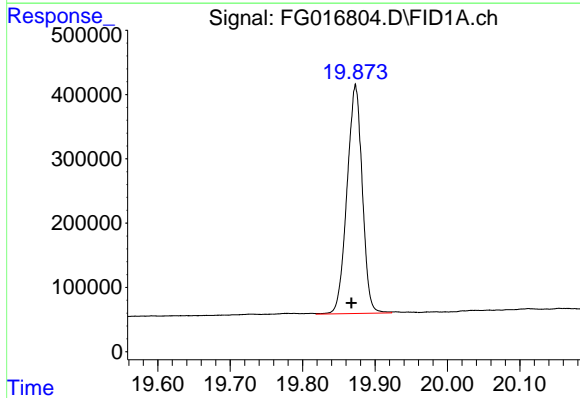
R.T.: 18.247 min  
 Delta R.T.: 0.004 min  
 Response: 6370770  
 Conc: 47.25 ug/ml

Instrument :  
 FID\_F  
 ClientSampleId :  
 50 PPM TRPH STD



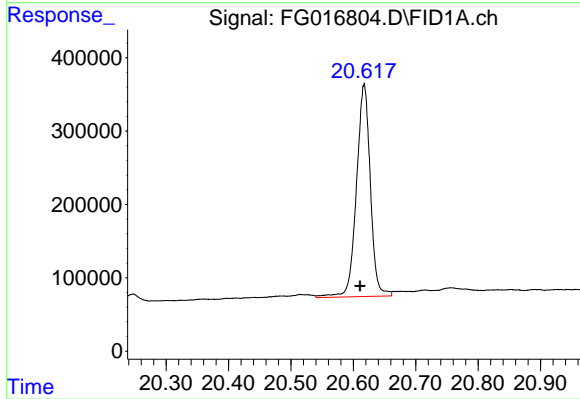
#14 N-DOTRIACONTANE

R.T.: 19.085 min  
 Delta R.T.: 0.004 min  
 Response: 5998566  
 Conc: 47.43 ug/ml



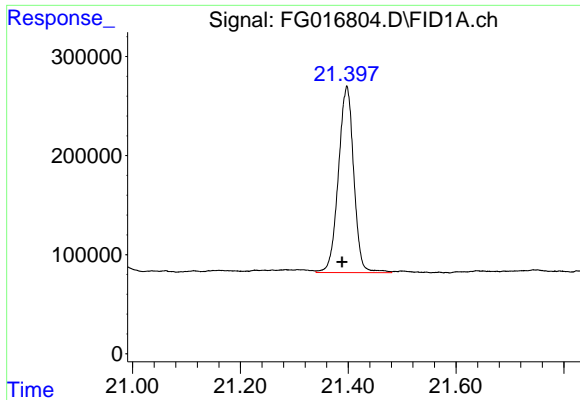
#15 N-TETRATRIACONTANE

R.T.: 19.873 min  
 Delta R.T.: 0.006 min  
 Response: 5202694  
 Conc: 49.07 ug/ml



#16 N-HEXATRIACONTANE

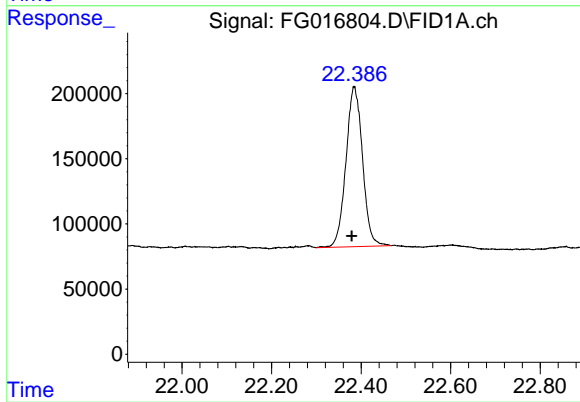
R.T.: 20.617 min  
 Delta R.T.: 0.007 min  
 Response: 4484164  
 Conc: 53.72 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.398 min  
Delta R.T.: 0.009 min  
Response: 3722365  
Conc: 53.69 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.384 min  
Delta R.T.: 0.006 min  
Response: 3151917  
Conc: 52.79 ug/ml