

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091825\
 Data File : FG016624.D
 Signal(s) : FID1A.ch
 Acq On : 18 Sep 2025 14:21
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 19 01:51:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG090525.M
 Quant Title :
 QLast Update : Sat Sep 06 04:20:52 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...	15.172	5042887	46.151 ug/ml
Target Compounds			
1) N-OCTANE	2.096	5629275	47.508 ug/ml
2) N-DECANE	4.642	5767927	47.326 ug/ml
3) N-DODECANE	6.826	5842022	47.450 ug/ml
4) N-TETRADECANE	8.666	5861316	47.174 ug/ml
5) N-HEXADECANE	10.285	5872195	46.820 ug/ml
6) N-OCTADECANE	11.739	5959831	46.371 ug/ml
7) N-EICOSANE	13.059	5948260	46.102 ug/ml
8) N-DOCOSANE	14.267	5749546	46.035 ug/ml
10) N-TETRACOSANE	15.378	5678055	45.879 ug/ml
11) N-HEXACOSANE	16.406	5571035	45.944 ug/ml
12) N-OCTACOSANE	17.362	5438294	45.515 ug/ml
13) N-TRIACONTANE	18.256	5426563	44.696 ug/ml
14) N-DOTRIACONTANE	19.094	5250309	44.729 ug/ml
15) N-TETRATRIACONTANE	19.883	5019470	48.899 ug/ml
16) N-HEXATRIACONTANE	20.627	4828997	56.636 ug/ml
18) N-TETRACONTANE	22.404	4064862	58.205 ug/ml

(f)=RT Delta > 1/2 Window

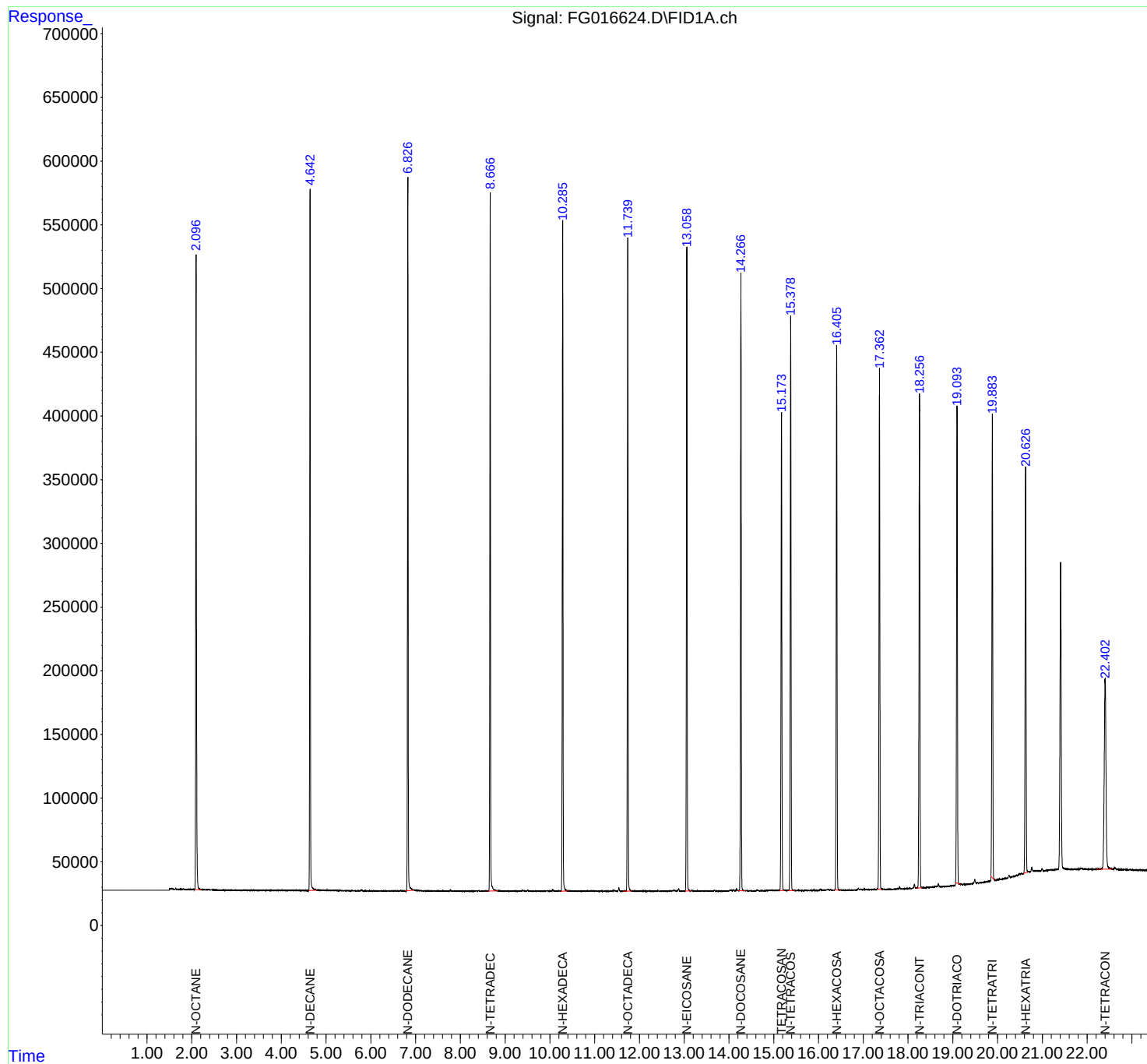
(m)=manual int.

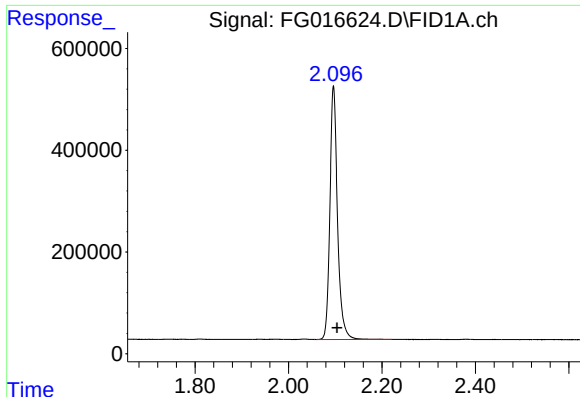
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Signal Info : 20mx0.18mmx0.18um

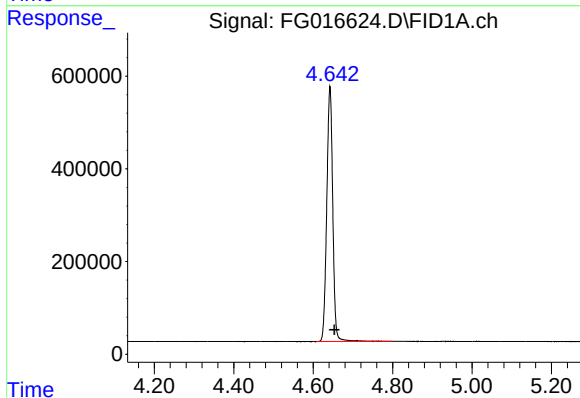




#1 N-OCTANE

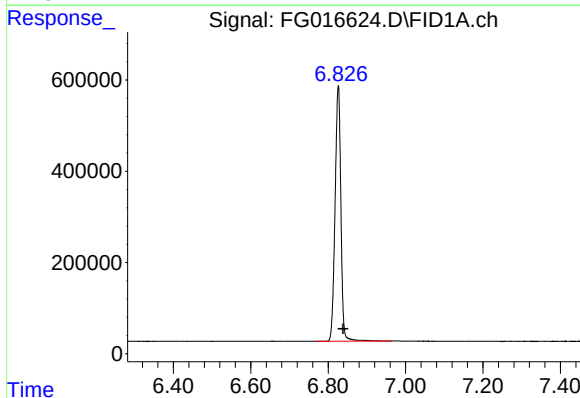
R.T.: 2.096 min
Delta R.T.: -0.008 min
Response: 5629275
Conc: 47.51 ug/ml

Instrument :
FID_G
ClientSampleId :



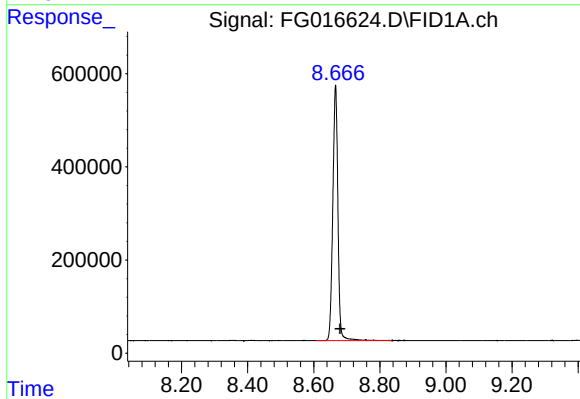
#2 N-DECANE

R.T.: 4.642 min
Delta R.T.: -0.011 min
Response: 5767927
Conc: 47.33 ug/ml



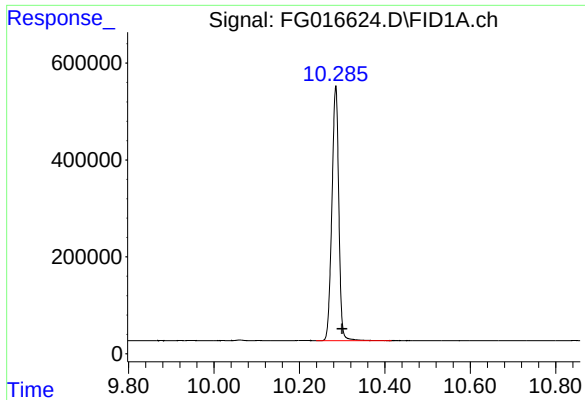
#3 N-DODECANE

R.T.: 6.826 min
Delta R.T.: -0.012 min
Response: 5842022
Conc: 47.45 ug/ml



#4 N-TETRADECANE

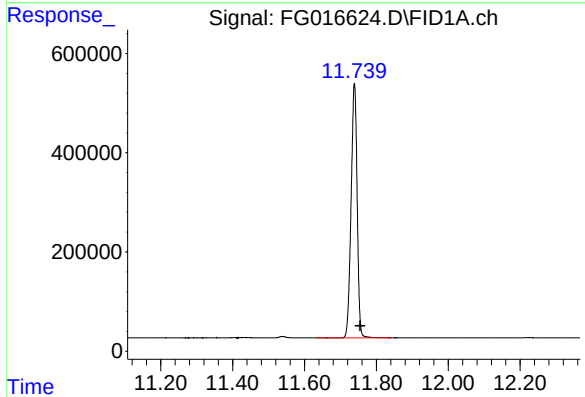
R.T.: 8.666 min
Delta R.T.: -0.014 min
Response: 5861316
Conc: 47.17 ug/ml



#5 N-HEXADECANE

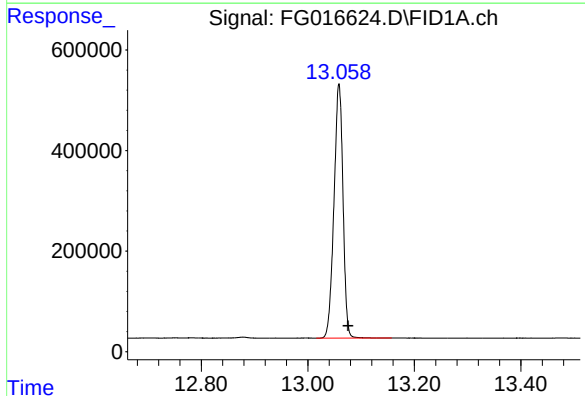
R.T.: 10.285 min
Delta R.T.: -0.015 min
Response: 5872195
Conc: 46.82 ug/ml

Instrument :
FID_G
ClientSampleId :



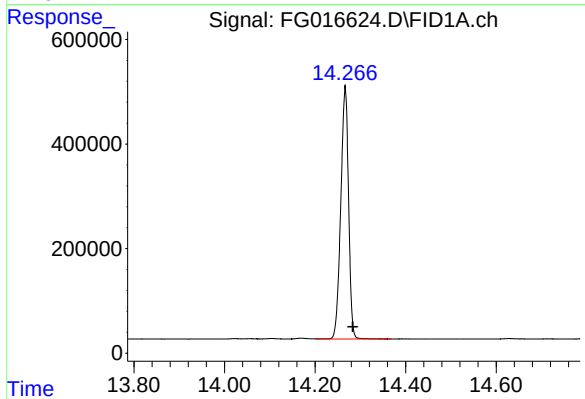
#6 N-OCTADECANE

R.T.: 11.739 min
Delta R.T.: -0.016 min
Response: 5959831
Conc: 46.37 ug/ml



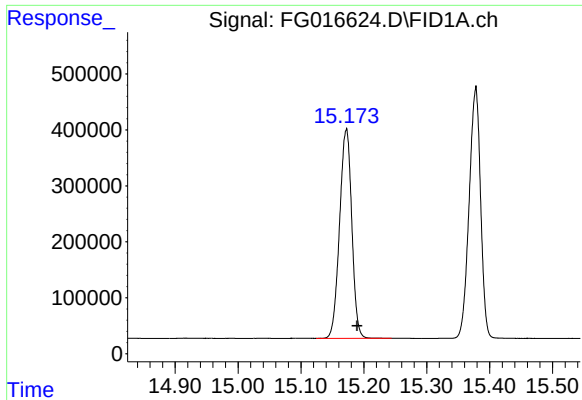
#7 N-EICOSANE

R.T.: 13.059 min
Delta R.T.: -0.017 min
Response: 5948260
Conc: 46.10 ug/ml



#8 N-DOCOSANE

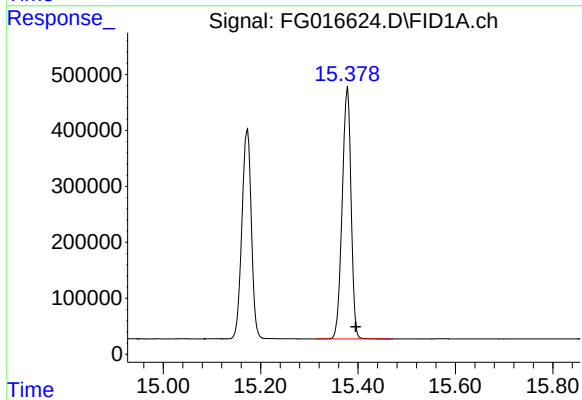
R.T.: 14.267 min
Delta R.T.: -0.016 min
Response: 5749546
Conc: 46.03 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

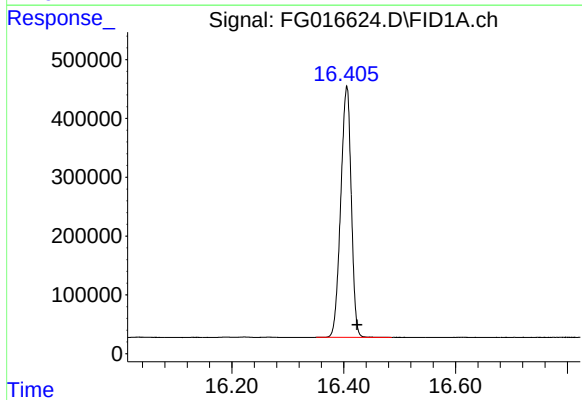
R.T.: 15.172 min
Delta R.T.: -0.017 min
Response: 5042887
Conc: 46.15 ug/ml

Instrument :
FID_G
ClientSampleId :



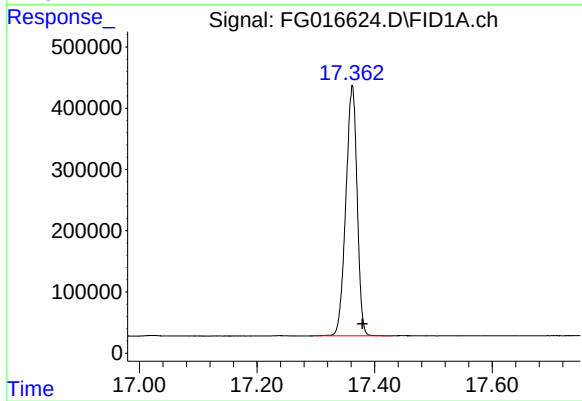
#10 N-TETRACOSANE

R.T.: 15.378 min
Delta R.T.: -0.017 min
Response: 5678055
Conc: 45.88 ug/ml



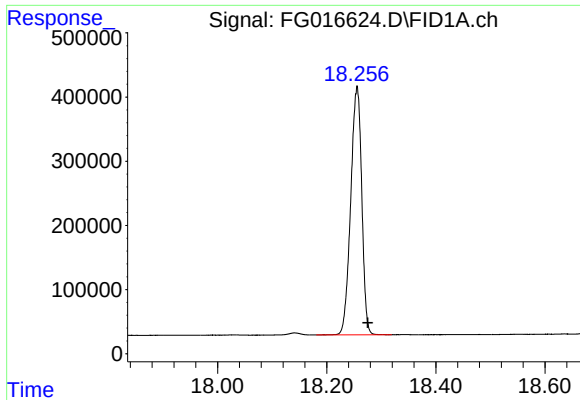
#11 N-HEXACOSANE

R.T.: 16.406 min
Delta R.T.: -0.018 min
Response: 5571035
Conc: 45.94 ug/ml



#12 N-OCTACOSANE

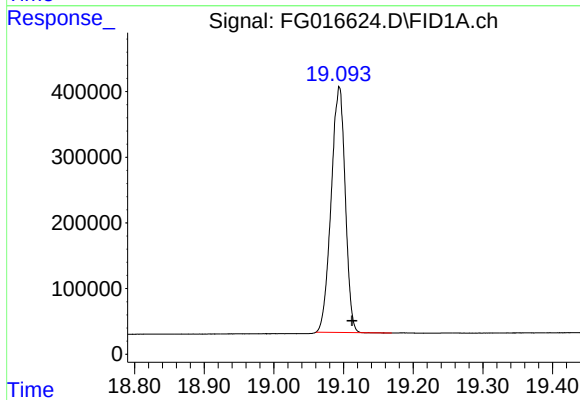
R.T.: 17.362 min
Delta R.T.: -0.017 min
Response: 5438294
Conc: 45.51 ug/ml



#13 N-TRIACONTANE

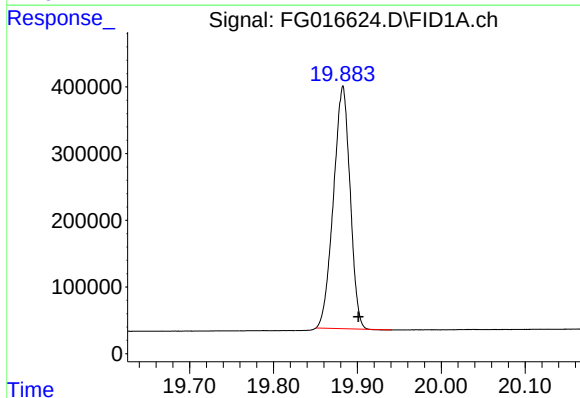
R.T.: 18.256 min
Delta R.T.: -0.019 min
Response: 5426563
Conc: 44.70 ug/ml

Instrument :
FID_G
ClientSampleId :



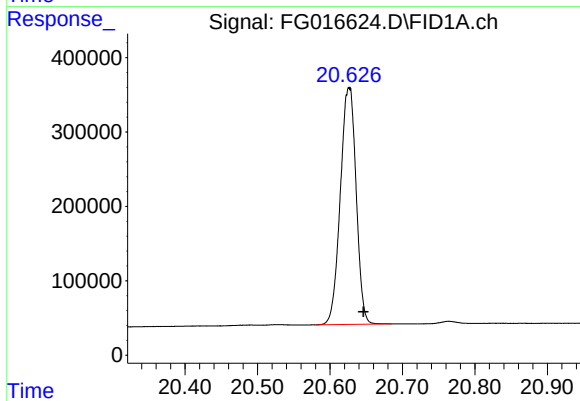
#14 N-DOTRIACONTANE

R.T.: 19.094 min
Delta R.T.: -0.018 min
Response: 5250309
Conc: 44.73 ug/ml



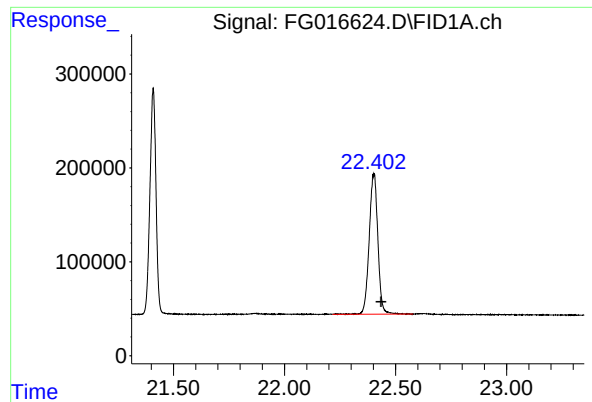
#15 N-TETRATRIACONTANE

R.T.: 19.883 min
Delta R.T.: -0.019 min
Response: 5019470
Conc: 48.90 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.627 min
Delta R.T.: -0.019 min
Response: 4828997
Conc: 56.64 ug/ml



#18 N-TETRACONTANE

R.T.: 22.404 min
Delta R.T.: -0.030 min
Response: 4064862
Conc: 58.20 ug/ml

Instrument :

FID_G

ClientSampleId :