

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070825\
Data File : FG016261.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 23:52
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: Sample.e
Quant Time: Jul 09 03:17:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG061325.M
Quant Title :
QLast Update : Fri Jun 13 12:34:28 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...	15.202	5614785	47.866 ug/ml
Target Compounds			
2) N-DECANE	4.672	6119918	48.779 ug/ml
3) N-DODECANE	6.855	6249268	48.974 ug/ml
4) N-TETRADECANE	8.696	6288190	48.726 ug/ml
5) N-HEXADECANE	10.315	6344516	48.609 ug/ml
6) N-OCTADECANE	11.769	6490290	48.463 ug/ml
7) N-EICOSANE	13.090	6530474	48.274 ug/ml
8) N-DOCOSANE	14.297	6351925	48.180 ug/ml
10) N-TETRACOSANE	15.409	6313588	47.928 ug/ml
11) N-HEXACOSANE	16.437	6201909	47.376 ug/ml
12) N-OCTACOSANE	17.393	6040985	46.762 ug/ml

(f)=RT Delta > 1/2 Window

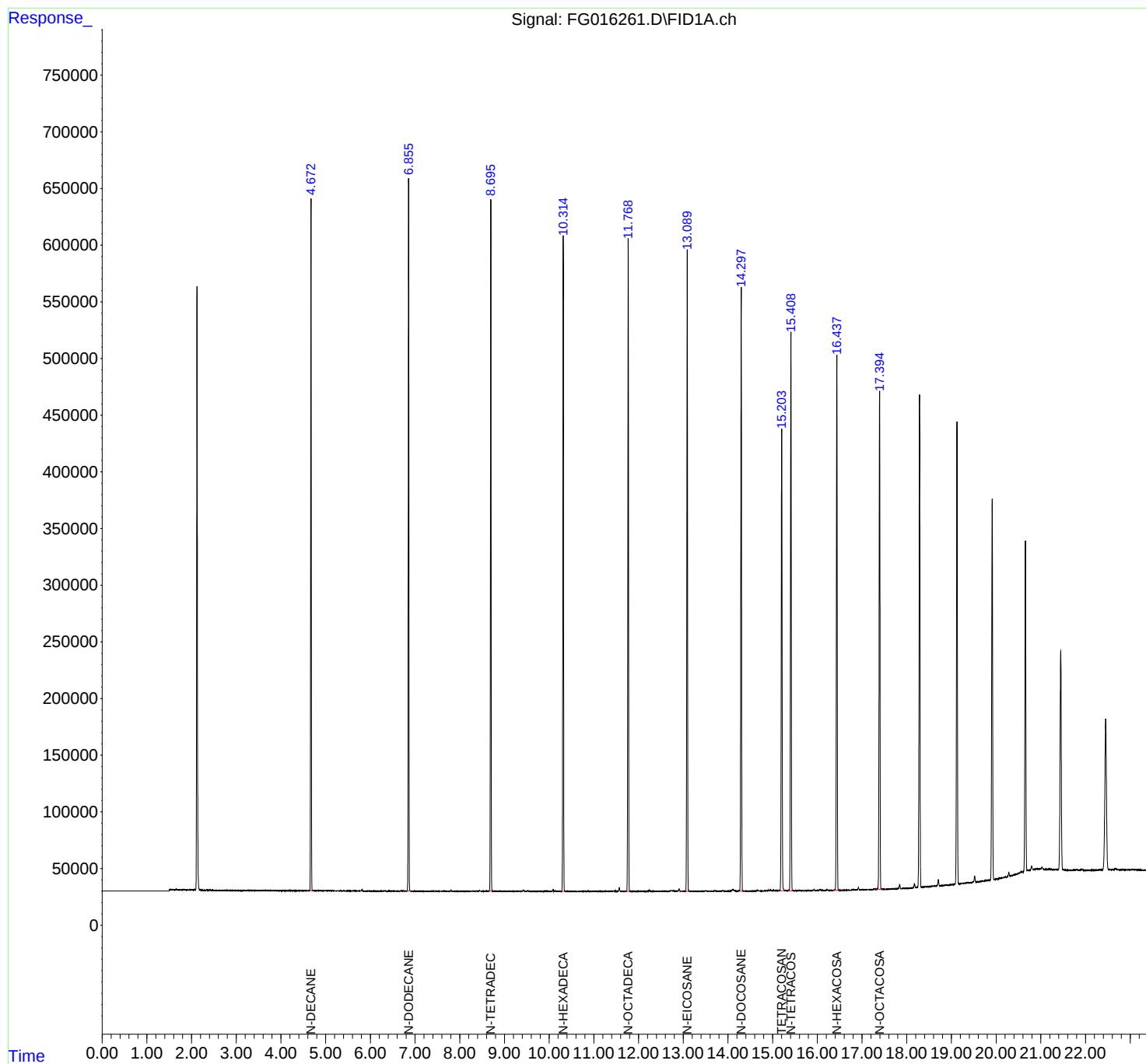
(m)=manual int.

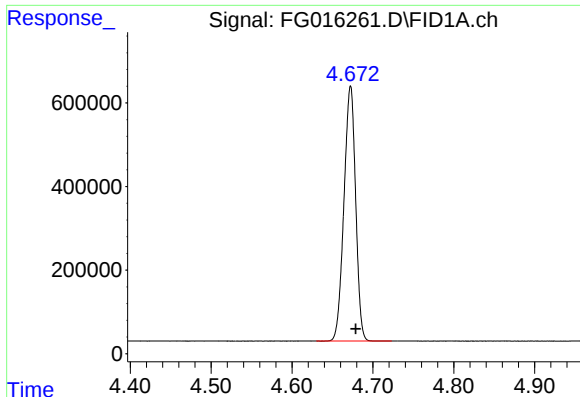
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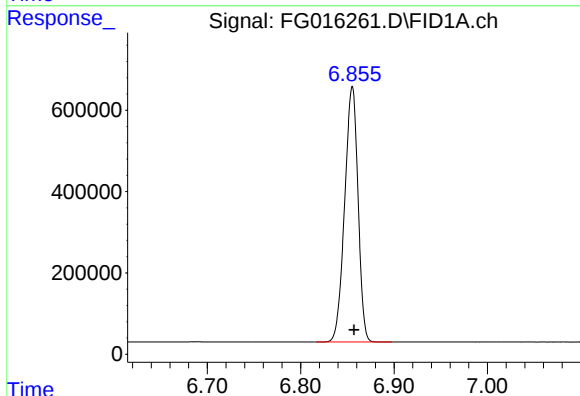




#2 N-DECANE

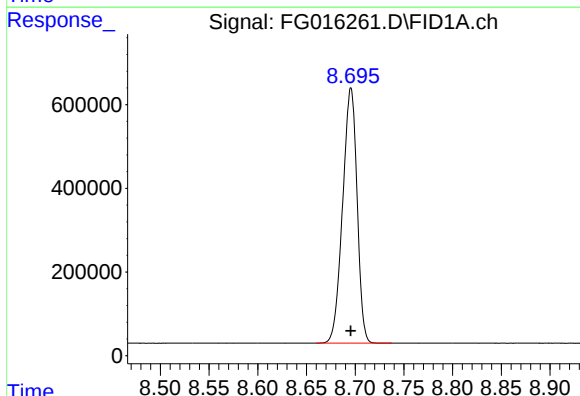
R.T.: 4.672 min
Delta R.T.: -0.006 min
Response: 6119918
Conc: 48.78 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



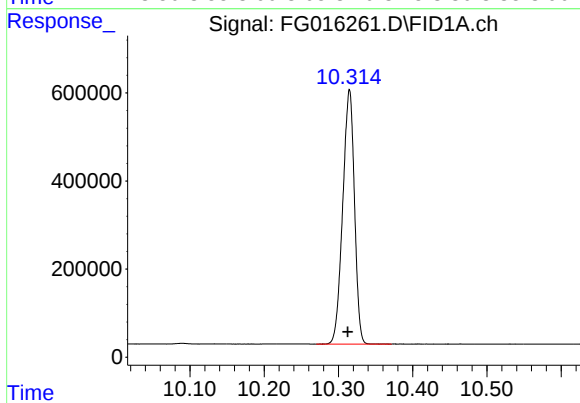
#3 N-DODECANE

R.T.: 6.855 min
Delta R.T.: -0.002 min
Response: 6249268
Conc: 48.97 ug/ml



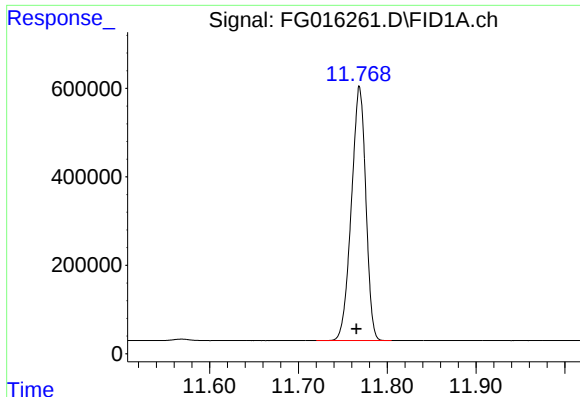
#4 N-TETRADECANE

R.T.: 8.696 min
Delta R.T.: 0.000 min
Response: 6288190
Conc: 48.73 ug/ml



#5 N-HEXADECANE

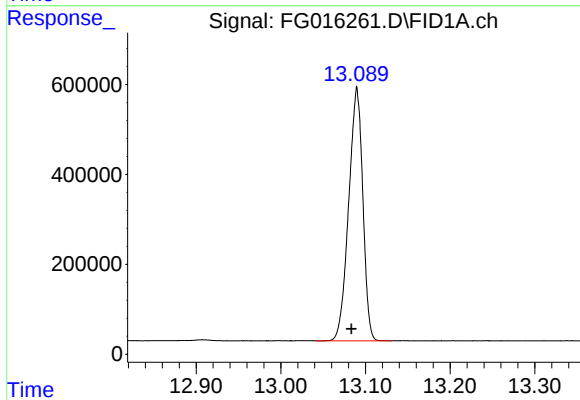
R.T.: 10.315 min
Delta R.T.: 0.002 min
Response: 6344516
Conc: 48.61 ug/ml



#6 N-OCTADECANE

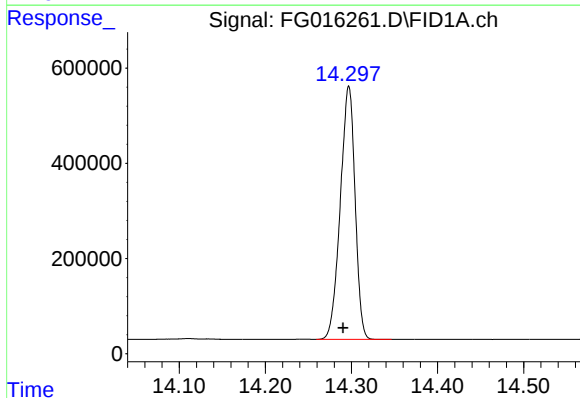
R.T.: 11.769 min
Delta R.T.: 0.004 min
Response: 6490290
Conc: 48.46 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



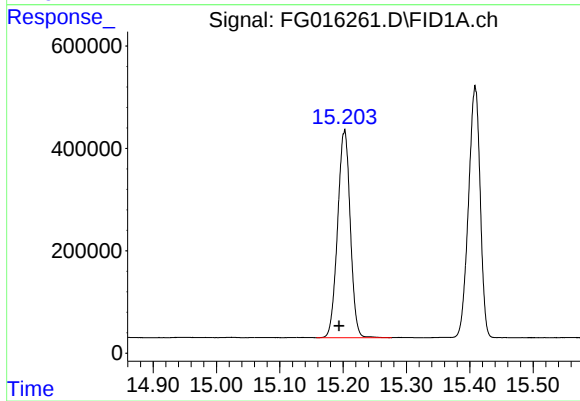
#7 N-EICOSANE

R.T.: 13.090 min
Delta R.T.: 0.007 min
Response: 6530474
Conc: 48.27 ug/ml



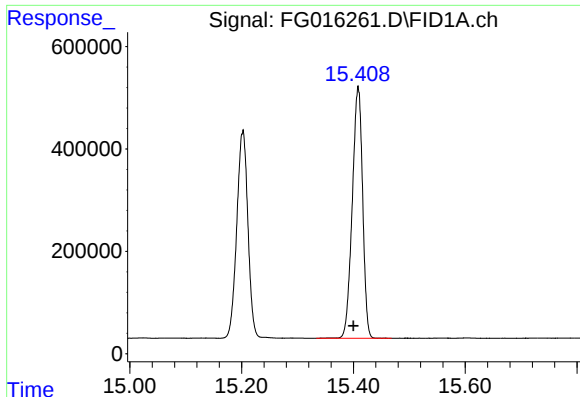
#8 N-DOCOSANE

R.T.: 14.297 min
Delta R.T.: 0.007 min
Response: 6351925
Conc: 48.18 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

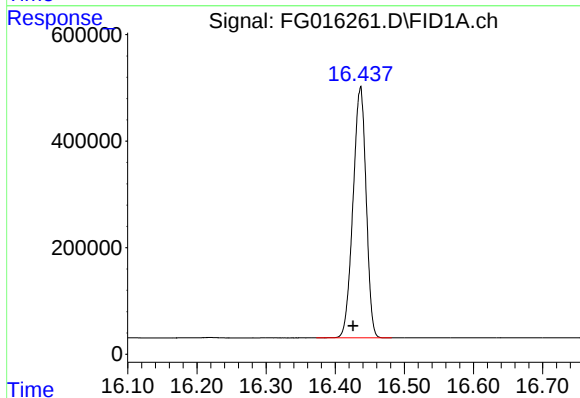
R.T.: 15.202 min
Delta R.T.: 0.009 min
Response: 5614785
Conc: 47.87 ug/ml



#10 N-TETRACOSANE

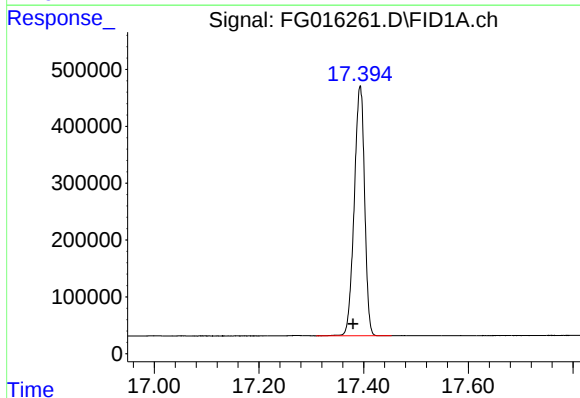
R.T.: 15.409 min
Delta R.T.: 0.009 min
Response: 6313588
Conc: 47.93 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#11 N-HEXACOSANE

R.T.: 16.437 min
Delta R.T.: 0.011 min
Response: 6201909
Conc: 47.38 ug/ml



#12 N-OCTACOSANE

R.T.: 17.393 min
Delta R.T.: 0.013 min
Response: 6040985
Conc: 46.76 ug/ml