

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070225\
Data File : FG016208.D
Signal(s) : FID1A.ch
Acq On : 02 Jul 2025 19:06
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: Jul 03 01:24:11 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...	15.207	5705081	48.636 ug/ml
Target Compounds			
2) N-DECANE	4.676	6254090	49.848 ug/ml
3) N-DODECANE	6.858	6363352	49.868 ug/ml
4) N-TETRADECANE	8.699	6382162	49.454 ug/ml
5) N-HEXADECANE	10.319	6435012	49.302 ug/ml
6) N-OCTADECANE	11.773	6578293	49.120 ug/ml
7) N-EICOSANE	13.093	6626385	48.983 ug/ml
8) N-DOCOSANE	14.300	6451613	48.936 ug/ml
10) N-TETRACOSANE	15.413	6419221	48.730 ug/ml
11) N-HEXACOSANE	16.440	6322288	48.296 ug/ml
12) N-OCTACOSANE	17.397	6167356	47.740 ug/ml

(f)=RT Delta > 1/2 Window

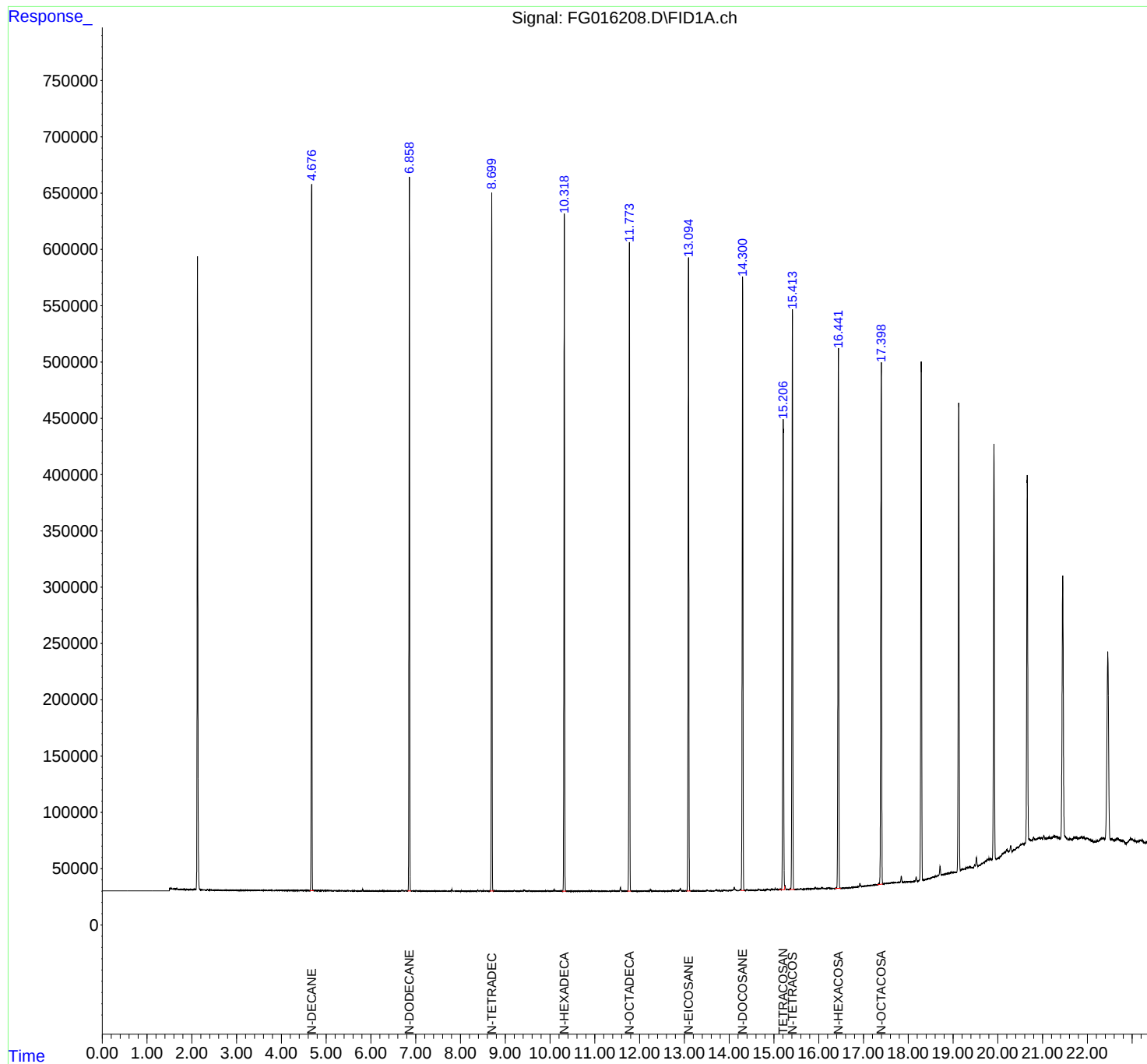
(m)=manual int.

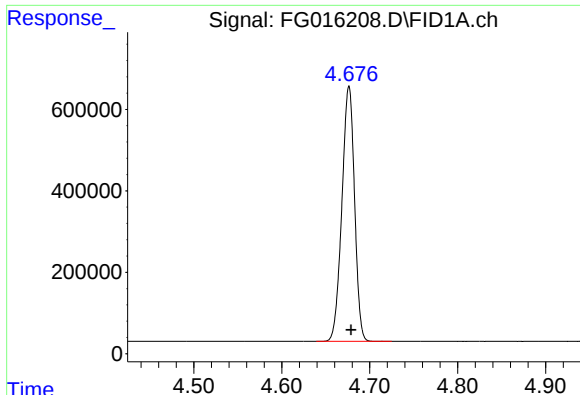
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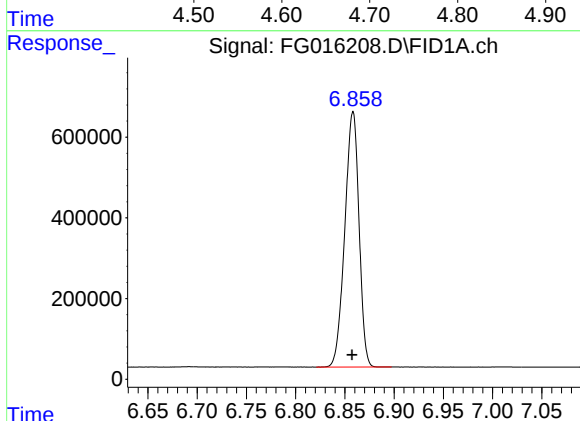




#2 N-DECANE

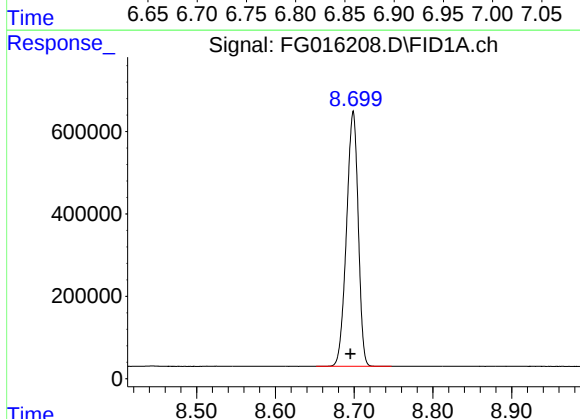
R.T.: 4.676 min
Delta R.T.: -0.002 min
Response: 6254090
Conc: 49.85 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



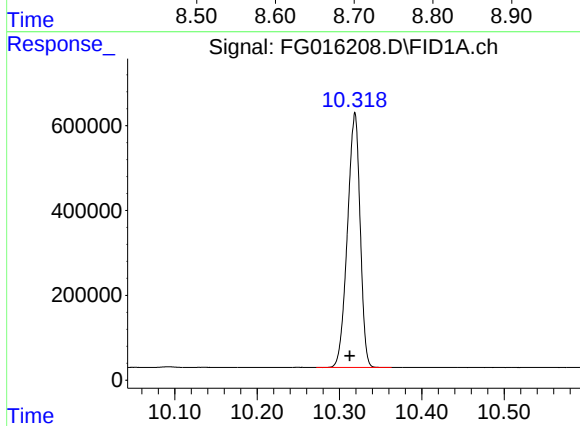
#3 N-DODECANE

R.T.: 6.858 min
Delta R.T.: 0.000 min
Response: 6363352
Conc: 49.87 ug/ml



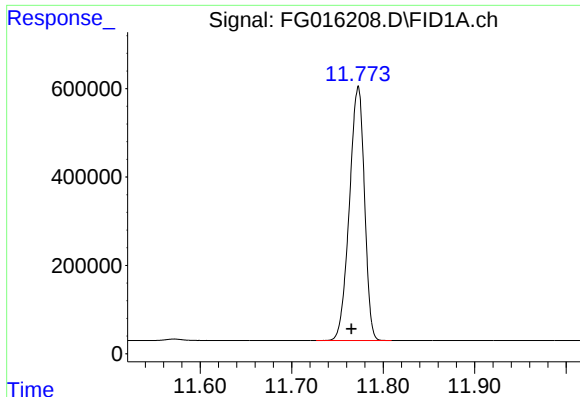
#4 N-TETRADECANE

R.T.: 8.699 min
Delta R.T.: 0.004 min
Response: 6382162
Conc: 49.45 ug/ml



#5 N-HEXADECANE

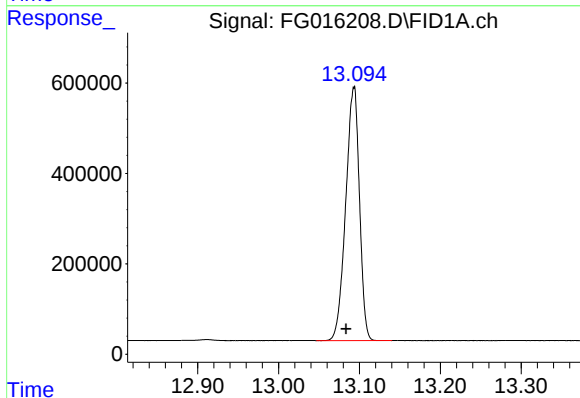
R.T.: 10.319 min
Delta R.T.: 0.006 min
Response: 6435012
Conc: 49.30 ug/ml



#6 N-OCTADECANE

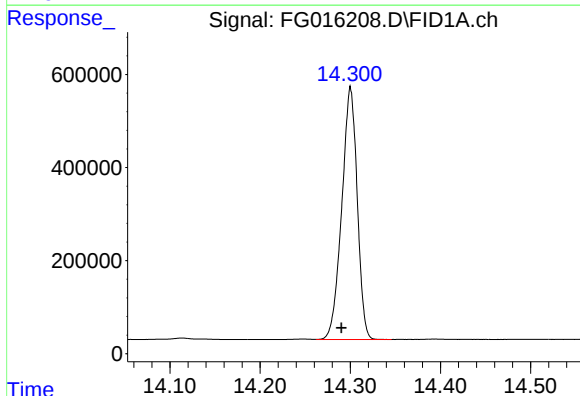
R.T.: 11.773 min
Delta R.T.: 0.008 min
Response: 6578293
Conc: 49.12 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



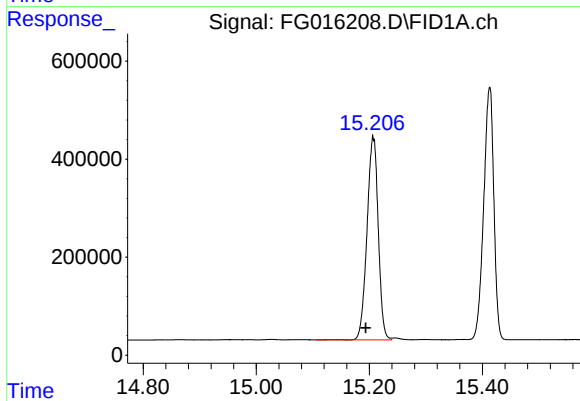
#7 N-EICOSANE

R.T.: 13.093 min
Delta R.T.: 0.010 min
Response: 6626385
Conc: 48.98 ug/ml



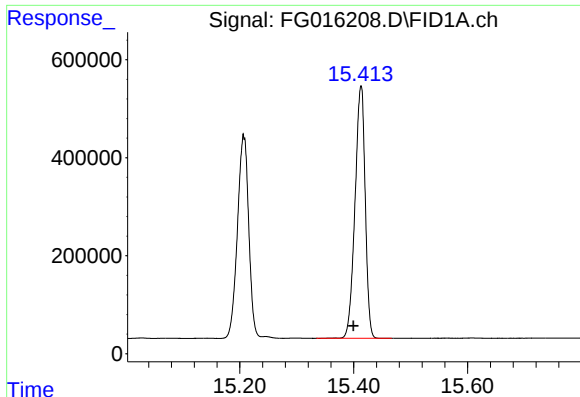
#8 N-DOCOSANE

R.T.: 14.300 min
Delta R.T.: 0.010 min
Response: 6451613
Conc: 48.94 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

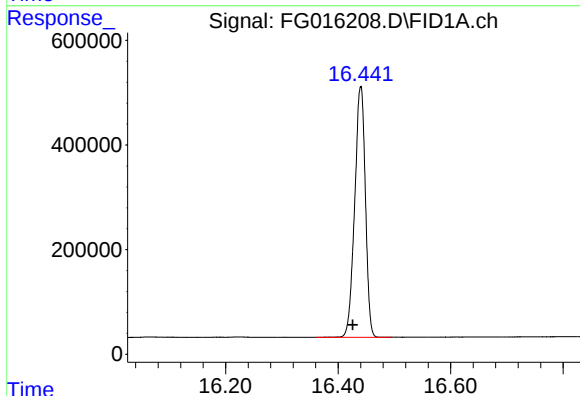
R.T.: 15.207 min
Delta R.T.: 0.013 min
Response: 5705081
Conc: 48.64 ug/ml



#10 N-TETRACOSANE

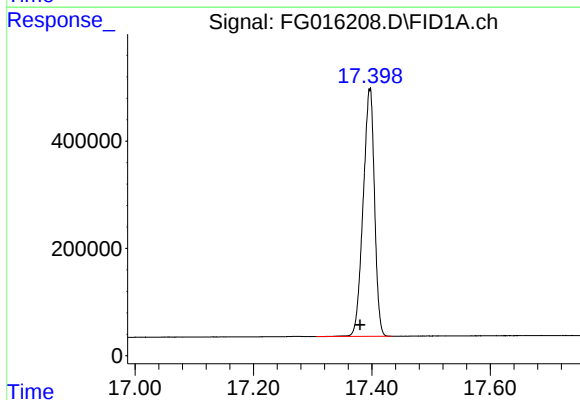
R.T.: 15.413 min
Delta R.T.: 0.013 min
Response: 6419221
Conc: 48.73 ug/ml

Instrument :
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#11 N-HEXACOSANE

R.T.: 16.440 min
Delta R.T.: 0.014 min
Response: 6322288
Conc: 48.30 ug/ml



#12 N-OCTACOSANE

R.T.: 17.397 min
Delta R.T.: 0.017 min
Response: 6167356
Conc: 47.74 ug/ml