

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071625\
Data File : FG016301.D
Signal(s) : FID1A.ch
Acq On : 16 Jul 2025 12:40
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 17 02:34:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
Quant Title :
QLast Update : Wed Jul 09 12:46:24 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...	15.204	4879996	48.807 ug/ml
Target Compounds				
2)	N-DECANE	4.669	5281701	45.858 ug/ml
3)	N-DODECANE	6.854	5396519	46.545 ug/ml
4)	N-TETRADECANE	8.695	5456436	46.228 ug/ml
5)	N-HEXADECANE	10.315	5526060	47.776 ug/ml
6)	N-OCTADECANE	11.770	5671140	48.315 ug/ml
7)	N-EICOSANE	13.090	5714977	47.771 ug/ml
8)	N-DOCOSANE	14.297	5551928	48.177 ug/ml
10)	N-TETRACOSANE	15.409	5508796	48.216 ug/ml
11)	N-HEXACOSANE	16.437	5387890	48.963 ug/ml
12)	N-OCTACOSANE	17.395	5255469	48.327 ug/ml

(f)=RT Delta > 1/2 Window

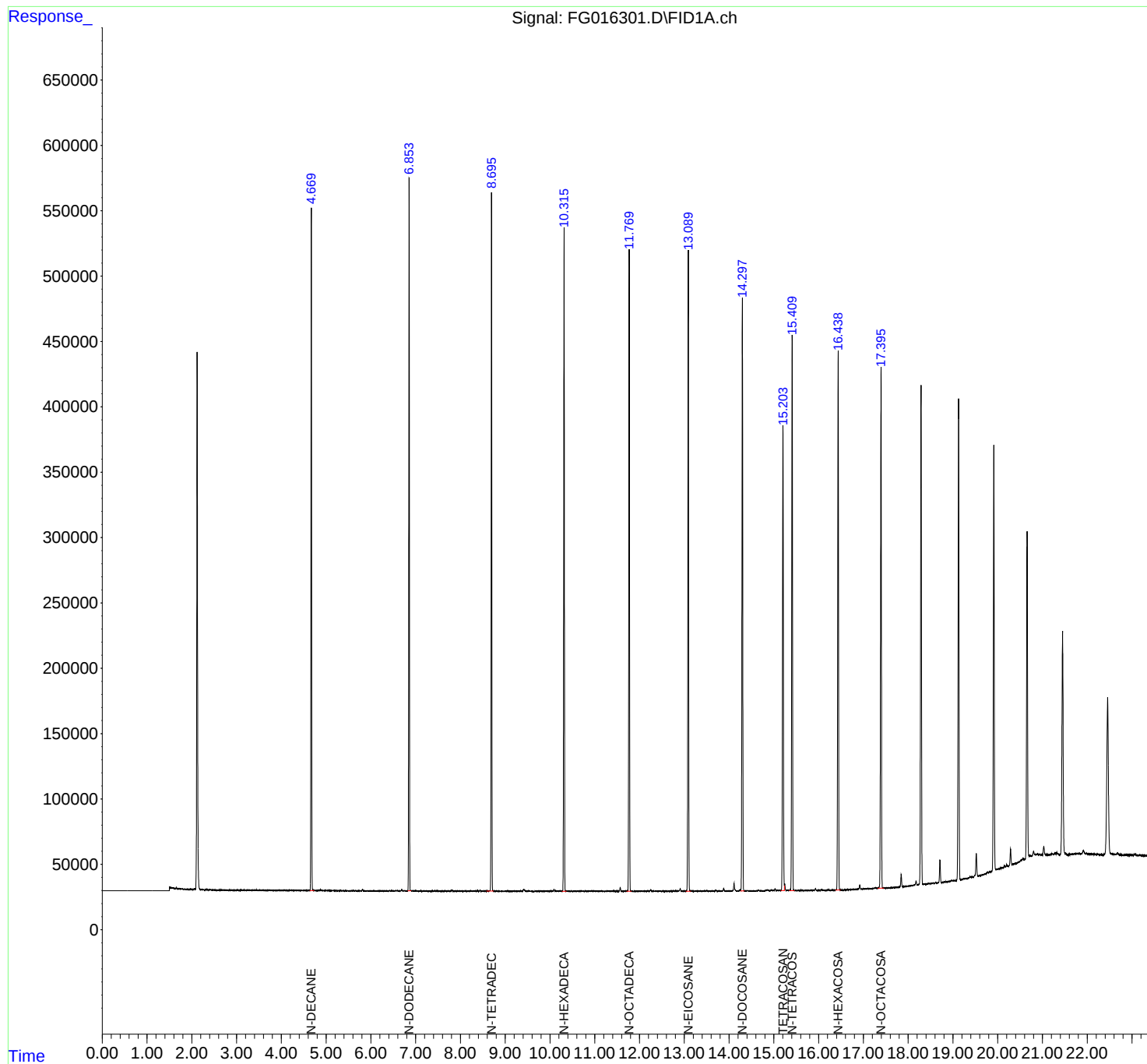
(m)=manual int.

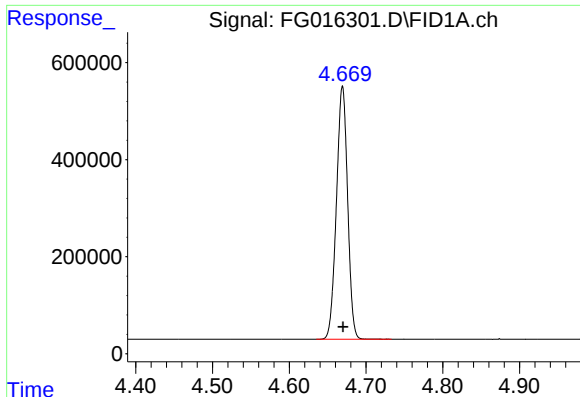
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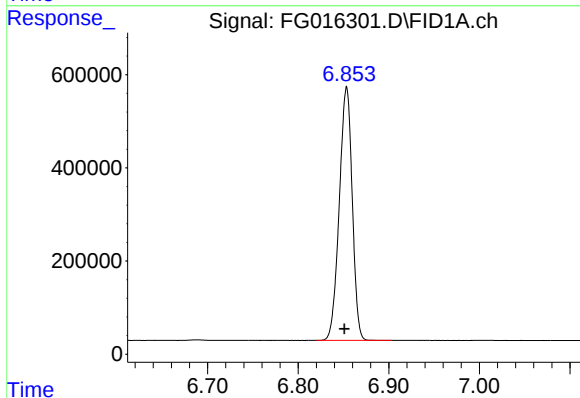




#2 N-DECANE

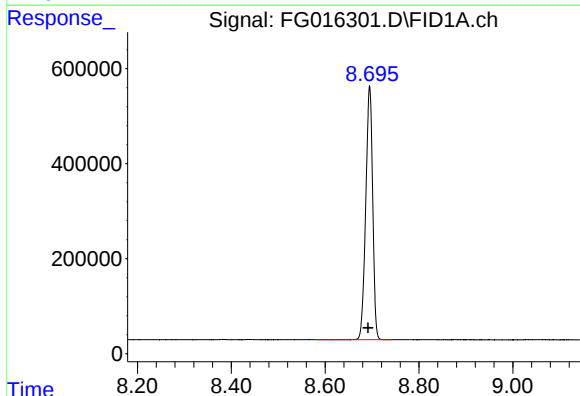
R.T.: 4.669 min
Delta R.T.: 0.000 min
Response: 5281701
Conc: 45.86 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



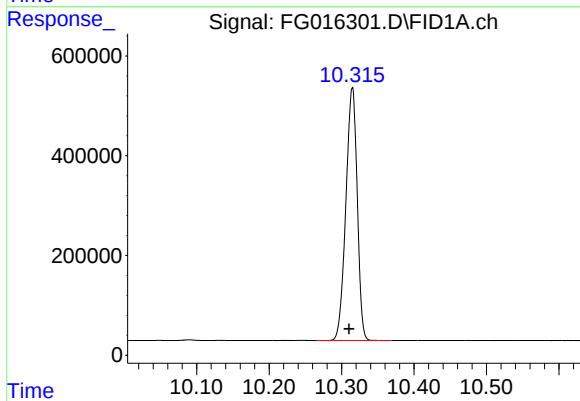
#3 N-DODECANE

R.T.: 6.854 min
Delta R.T.: 0.002 min
Response: 5396519
Conc: 46.55 ug/ml



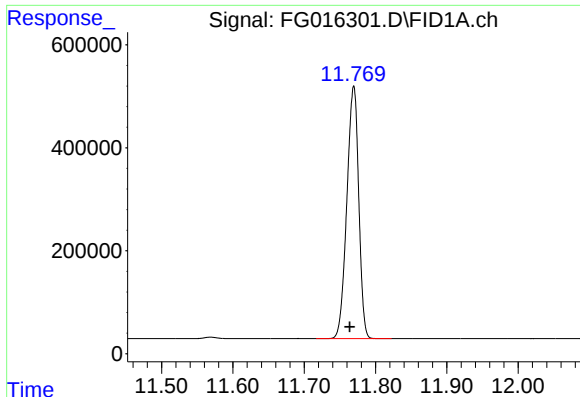
#4 N-TETRADECANE

R.T.: 8.695 min
Delta R.T.: 0.004 min
Response: 5456436
Conc: 46.23 ug/ml



#5 N-HEXADECANE

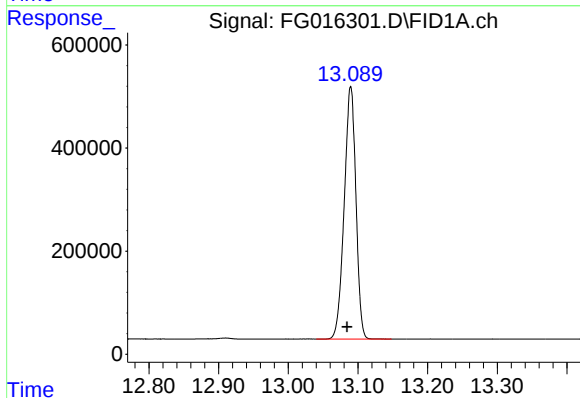
R.T.: 10.315 min
Delta R.T.: 0.005 min
Response: 5526060
Conc: 47.78 ug/ml



#6 N-OCTADECANE

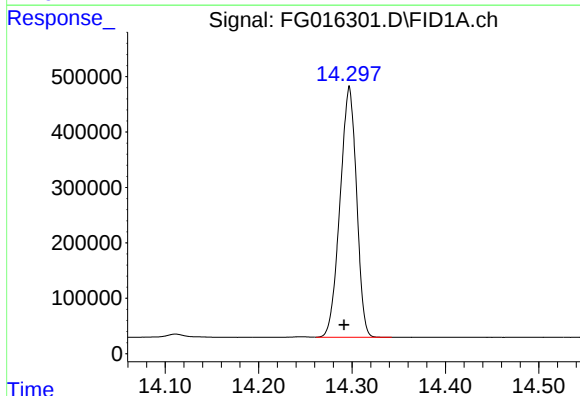
R.T.: 11.770 min
Delta R.T.: 0.005 min
Response: 5671140
Conc: 48.31 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



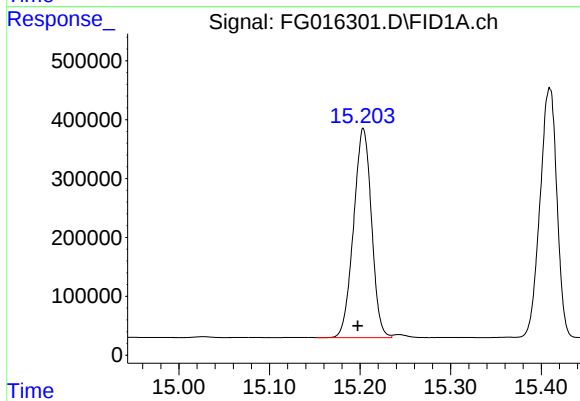
#7 N-EICOSANE

R.T.: 13.090 min
Delta R.T.: 0.005 min
Response: 5714977
Conc: 47.77 ug/ml



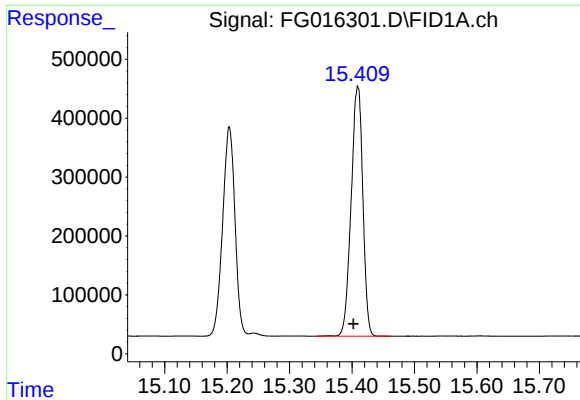
#8 N-DOCOSANE

R.T.: 14.297 min
Delta R.T.: 0.006 min
Response: 5551928
Conc: 48.18 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

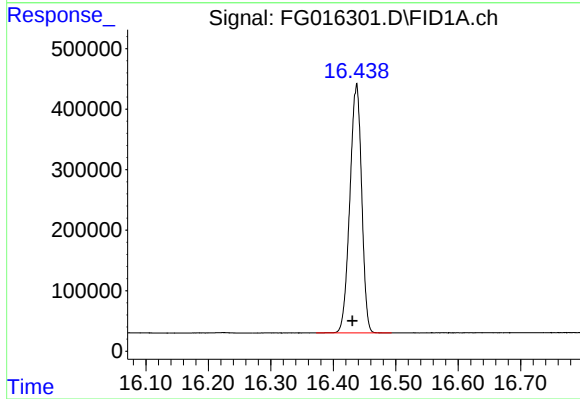
R.T.: 15.204 min
Delta R.T.: 0.006 min
Response: 4879996
Conc: 48.81 ug/ml



#10 N-TETRACOSANE

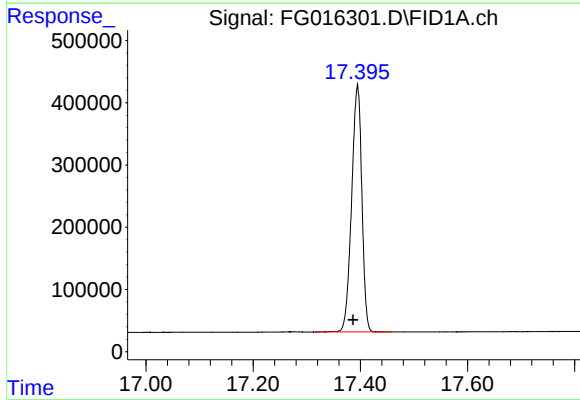
R.T.: 15.409 min
Delta R.T.: 0.007 min
Response: 5508796
Conc: 48.22 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#11 N-HEXACOSANE

R.T.: 16.437 min
Delta R.T.: 0.007 min
Response: 5387890
Conc: 48.96 ug/ml



#12 N-OCTACOSANE

R.T.: 17.395 min
Delta R.T.: 0.008 min
Response: 5255469
Conc: 48.33 ug/ml