

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG013125\
 Data File : FG015283.D
 Signal(s) : FID1A.ch
 Acq On : 31 Jan 2025 16:17
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/03/2025
 Supervised By :Ankita Jodhani 02/03/2025

Integration File: autoint1.e
 Quant Time: Feb 01 01:16:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG011325.M
 Quant Title :
 QLast Update : Fri Jan 24 12:51:39 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...	15.069	6434170	50.160 ug/ml
Target Compounds			
2) N-DECANE	4.550	6845031	52.991 ug/ml
3) N-DODECANE	6.735	7102993	52.137 ug/ml
4) N-TETRADECANE	8.574	7092897	51.824 ug/ml
5) N-HEXADECANE	10.191	7206608	51.070 ug/ml
6) N-OCTADECANE	11.642	7372867	50.263 ug/ml
7) N-EICOSANE	12.960	7307969	50.266 ug/ml
8) N-DOCOSANE	14.165	7094223	49.450 ug/ml
10) N-TETRACOSANE	15.275	7024640	49.183 ug/ml
11) N-HEXACOSANE	16.300	6886344	48.895 ug/mlm
12) N-OCTACOSANE	17.255	6901912	49.288 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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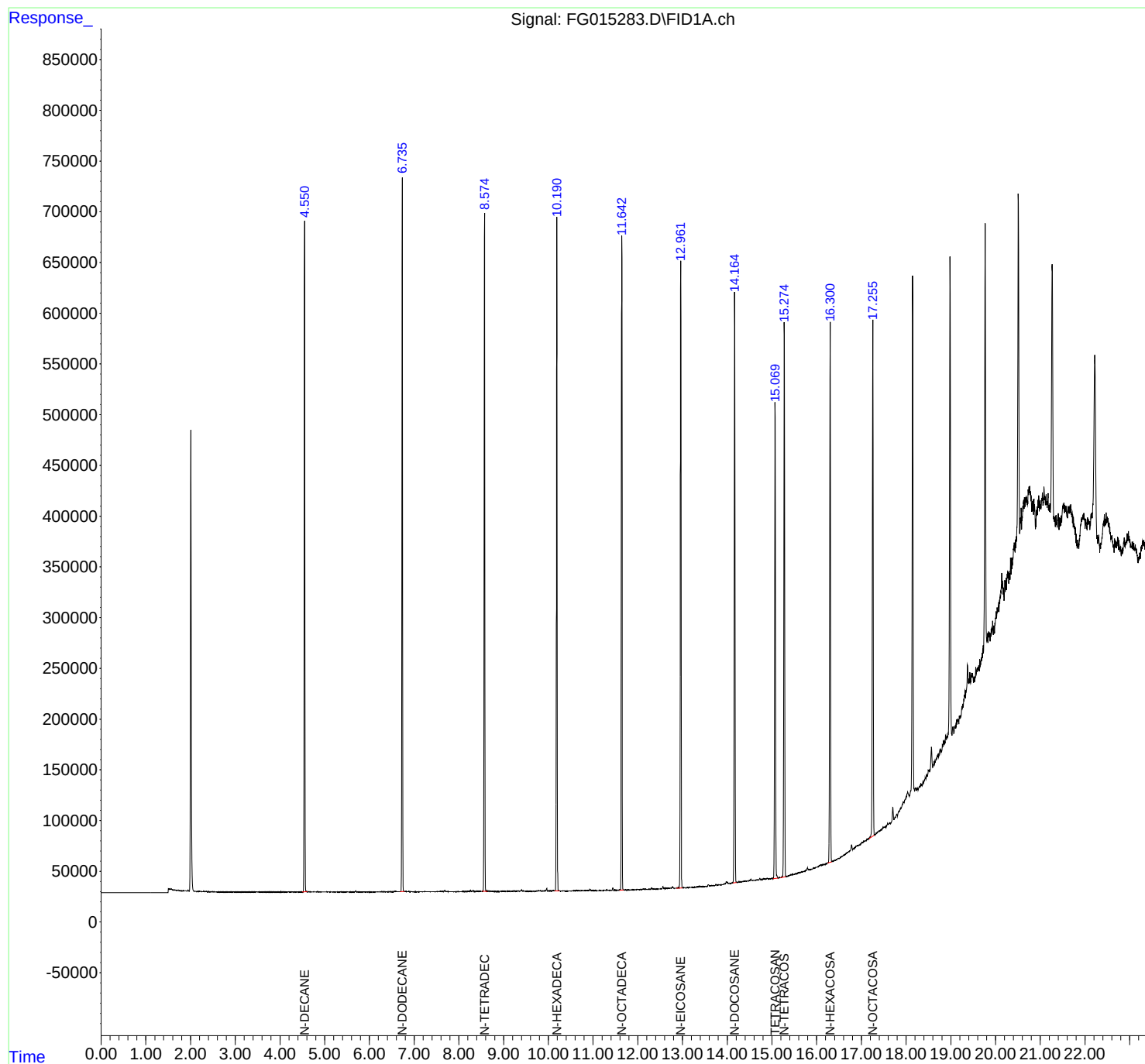
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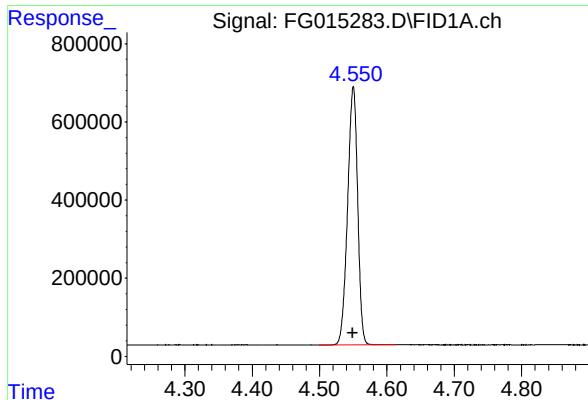
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#2 N-DECANE

R.T.: 4.550 min
Delta R.T.: 0.000 min
Response: 6845031
Conc: 52.99 ug/ml

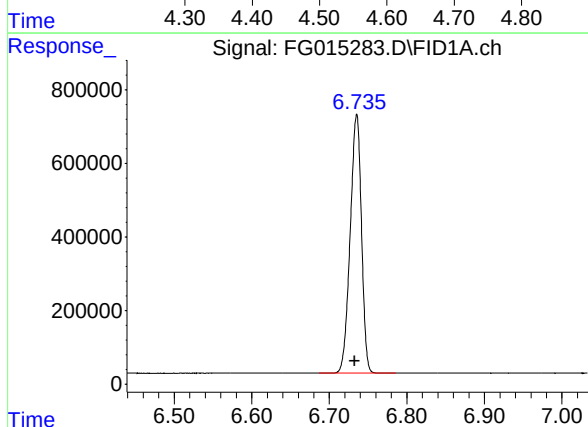
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

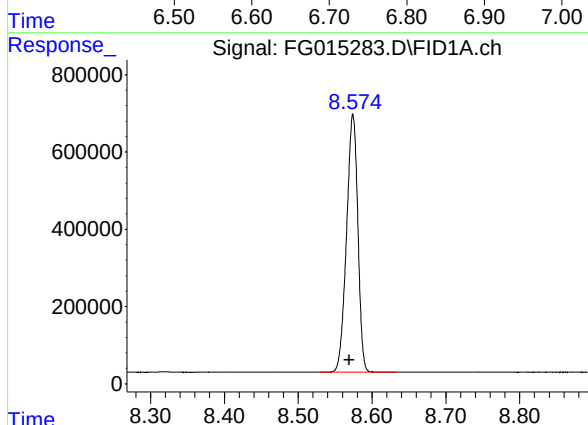
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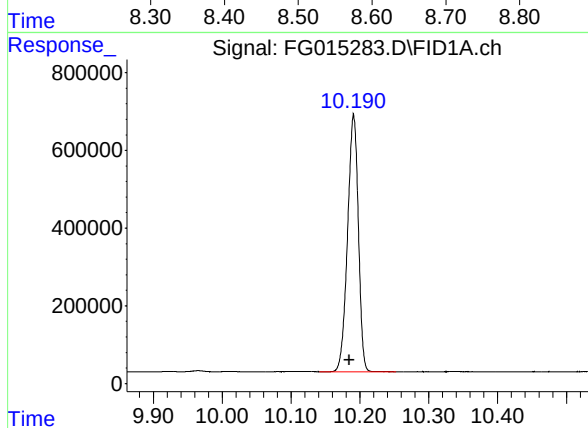
#3 N-DODECANE

R.T.: 6.735 min
Delta R.T.: 0.003 min
Response: 7102993
Conc: 52.14 ug/ml



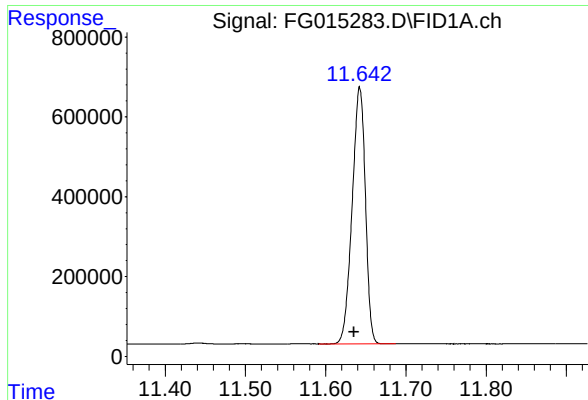
#4 N-TETRADECANE

R.T.: 8.574 min
Delta R.T.: 0.005 min
Response: 7092897
Conc: 51.82 ug/ml



#5 N-HEXADECANE

R.T.: 10.191 min
Delta R.T.: 0.007 min
Response: 7206608
Conc: 51.07 ug/ml



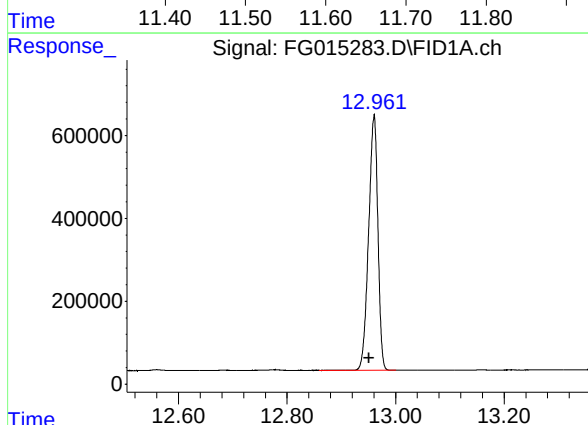
#6 N-OCTADECANE

R.T.: 11.642 min
Delta R.T.: 0.007 min
Response: 7372867
Conc: 50.26 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

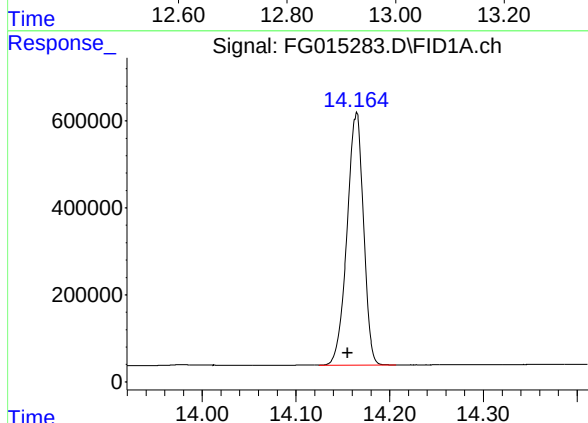
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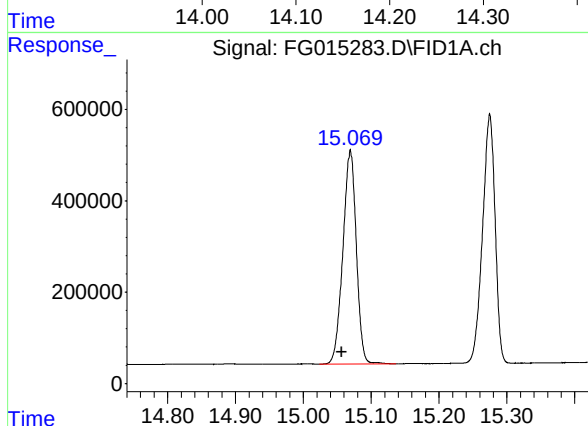
#7 N-EICOSANE

R.T.: 12.960 min
Delta R.T.: 0.010 min
Response: 7307969
Conc: 50.27 ug/ml



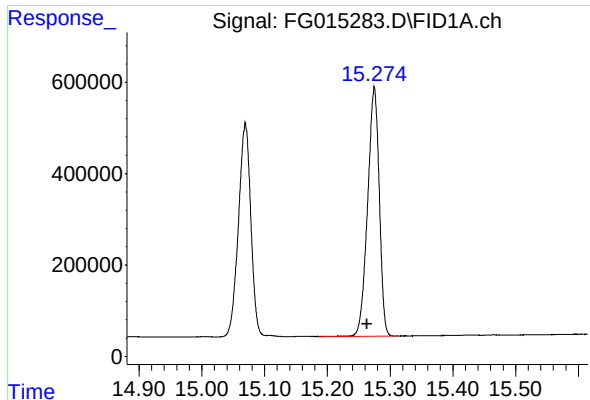
#8 N-DOCOSANE

R.T.: 14.165 min
Delta R.T.: 0.010 min
Response: 7094223
Conc: 49.45 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.069 min
Delta R.T.: 0.013 min
Response: 6434170
Conc: 50.16 ug/ml



#10 N-TETRACOSANE

R.T.: 15.275 min
Delta R.T.: 0.012 min
Response: 7024640
Conc: 49.18 ug/ml

Instrument :

FID_G

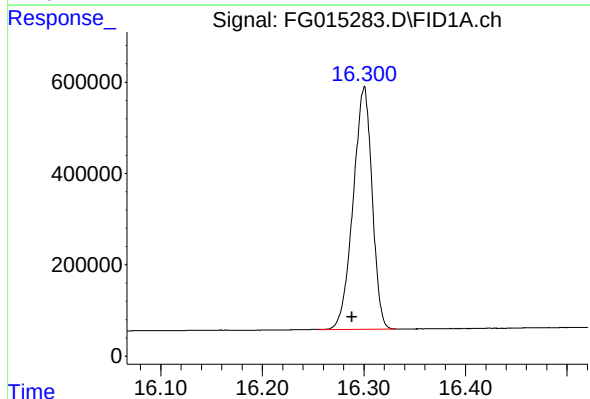
ClientSampleId :

50 PPM TRPH STD

Manual Integrations

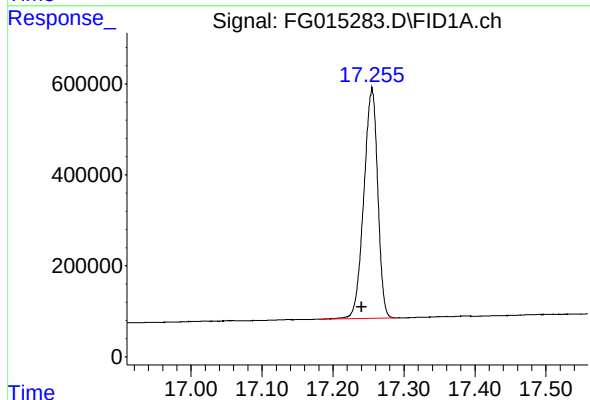
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#11 N-HEXACOSANE

R.T.: 16.300 min
Delta R.T.: 0.012 min
Response: 6886344
Conc: 48.89 ug/ml m



#12 N-OCTACOSANE

R.T.: 17.255 min
Delta R.T.: 0.014 min
Response: 6901912
Conc: 49.29 ug/ml m