

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG013125\
 Data File : FG015292.D
 Signal(s) : FID1A.ch
 Acq On : 31 Jan 2025 22:27
 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 01:19:49 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...	15.062	6376799	49.712 ug/ml
Target Compounds			
2) N-DECANE	4.546	6725488	52.066 ug/ml
3) N-DODECANE	6.731	7008982	51.447 ug/ml
4) N-TETRADECANE	8.569	7040566	51.441 ug/ml
5) N-HEXADECANE	10.185	7188437	50.941 ug/ml
6) N-OCTADECANE	11.637	7373136	50.264 ug/ml
7) N-EICOSANE	12.953	7300725	50.216 ug/ml
8) N-DOCOSANE	14.158	7076466	49.326 ug/ml
10) N-TETRACOSANE	15.267	6987489	48.923 ug/ml
11) N-HEXACOSANE	16.293	6841485	48.576 ug/ml
12) N-OCTACOSANE	17.244	6765135	48.311 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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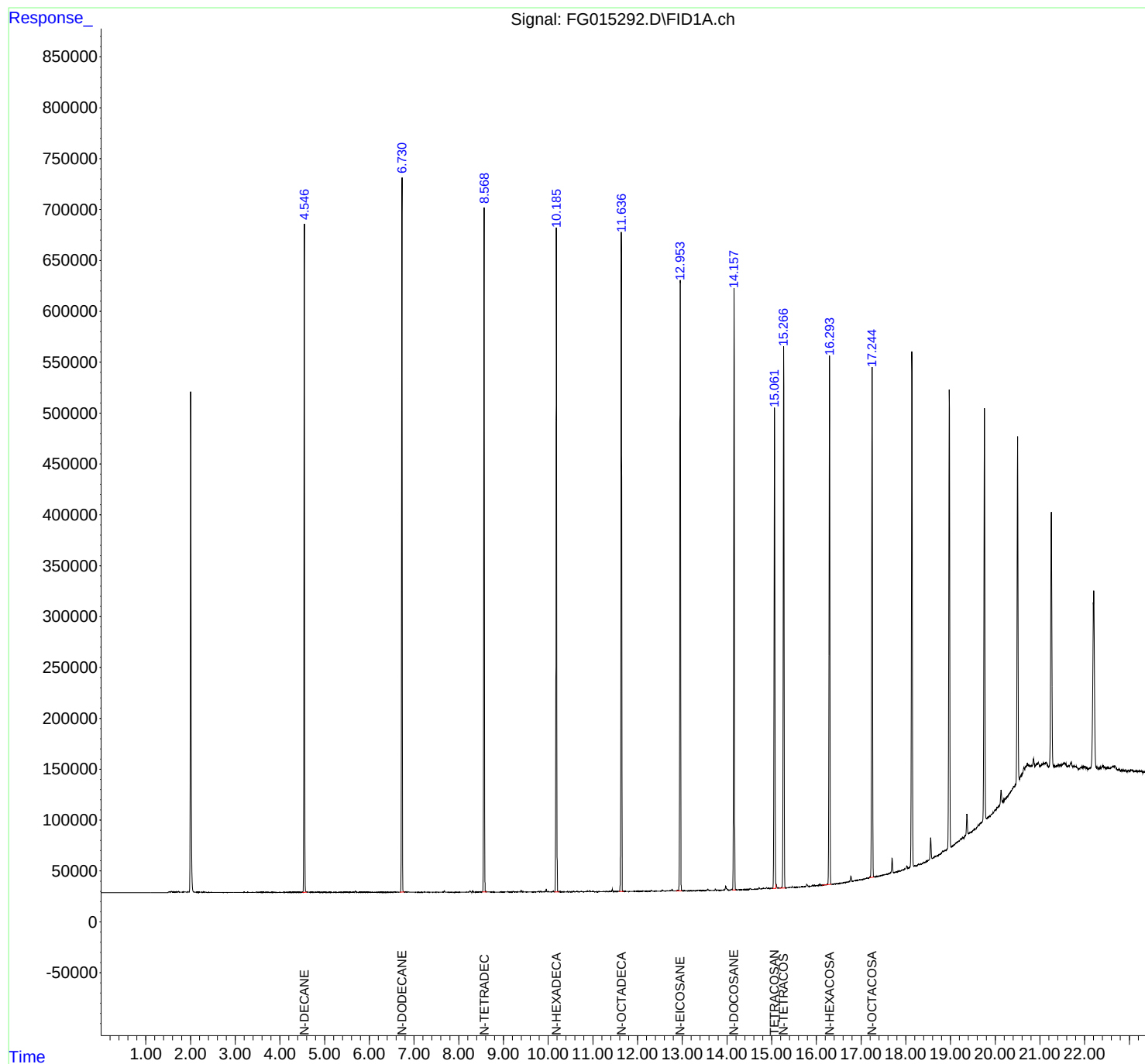
Instrument :
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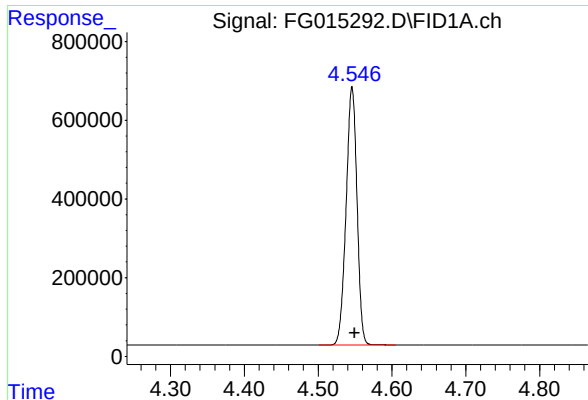
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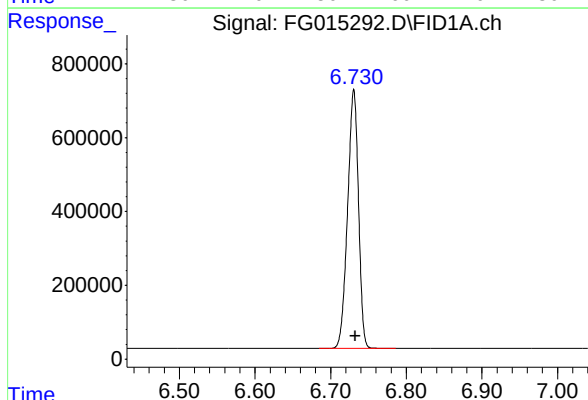
#2 N-DECANE

R.T.: 4.546 min
Delta R.T.: -0.003 min
Response: 6725488
Conc: 52.07 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

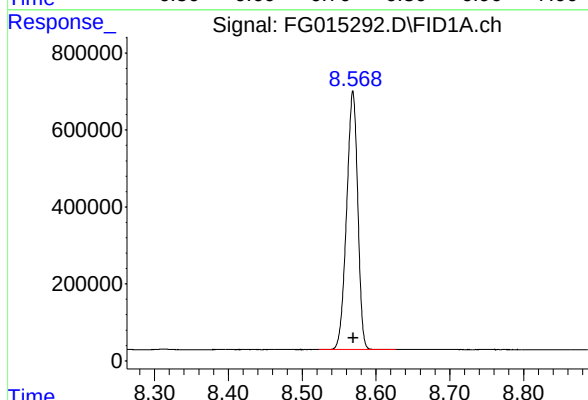
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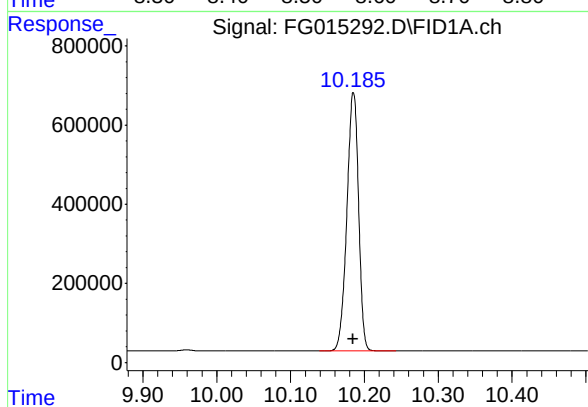
#3 N-DODECANE

R.T.: 6.731 min
Delta R.T.: -0.002 min
Response: 7008982
Conc: 51.45 ug/ml



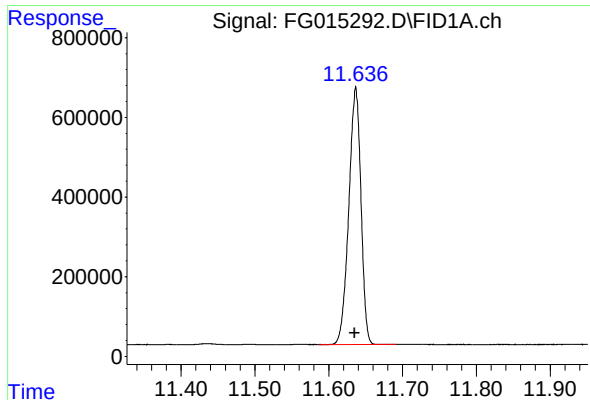
#4 N-TETRADECANE

R.T.: 8.569 min
Delta R.T.: 0.000 min
Response: 7040566
Conc: 51.44 ug/ml



#5 N-HEXADECANE

R.T.: 10.185 min
Delta R.T.: 0.000 min
Response: 7188437
Conc: 50.94 ug/ml



#6 N-OCTADECANE

R.T.: 11.637 min
Delta R.T.: 0.002 min
Response: 7373136
Conc: 50.26 ug/ml

Instrument :

FID_G

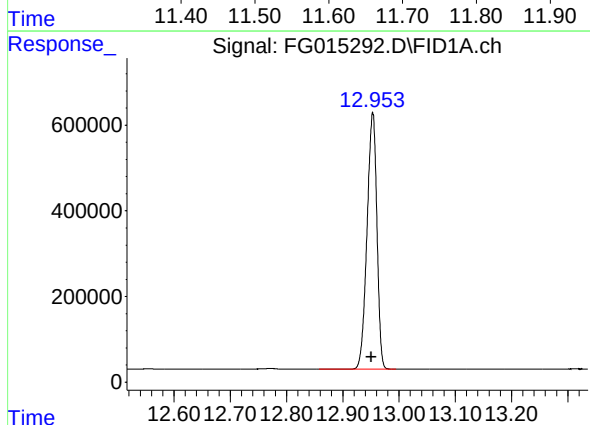
ClientSampleId :

50 PPM TRPH STD

Manual Integrations

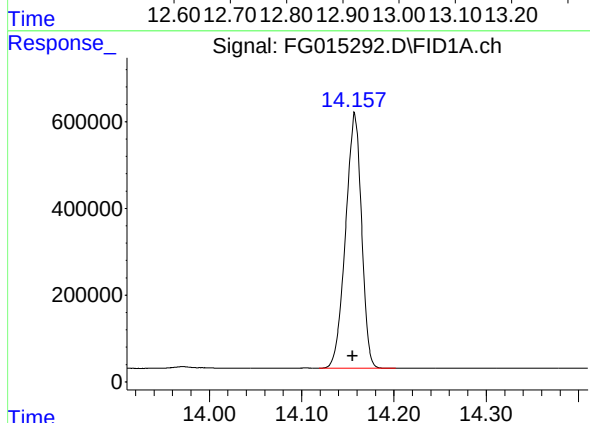
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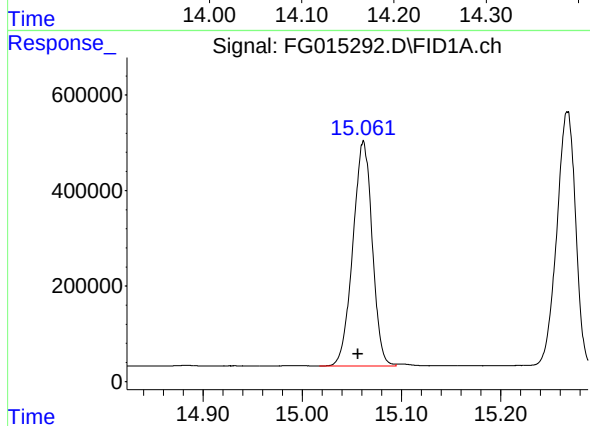
#7 N-EICOSANE

R.T.: 12.953 min
Delta R.T.: 0.002 min
Response: 7300725
Conc: 50.22 ug/ml



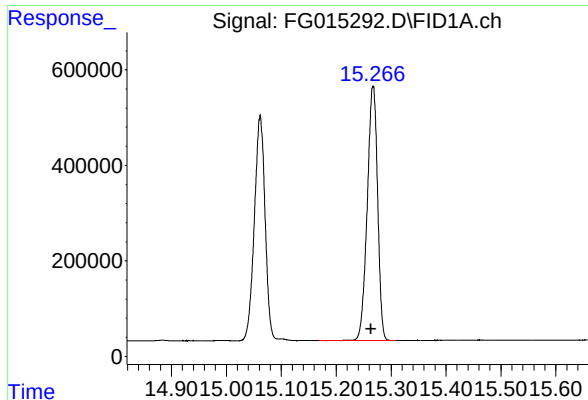
#8 N-DOCOSANE

R.T.: 14.158 min
Delta R.T.: 0.002 min
Response: 7076466
Conc: 49.33 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.062 min
Delta R.T.: 0.005 min
Response: 6376799
Conc: 49.71 ug/ml



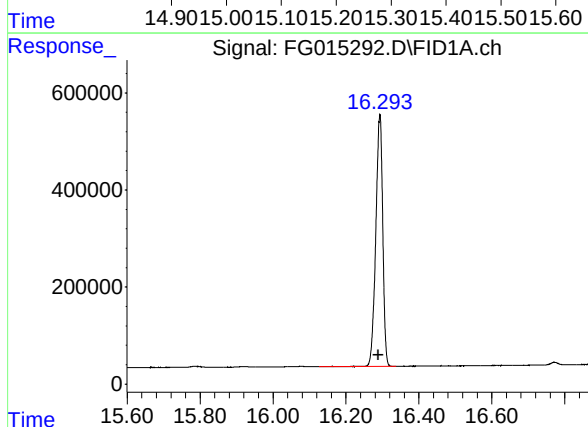
#10 N-TETRACOSANE

R.T.: 15.267 min
Delta R.T.: 0.004 min
Response: 6987489
Conc: 48.92 ug/ml

Instrument :
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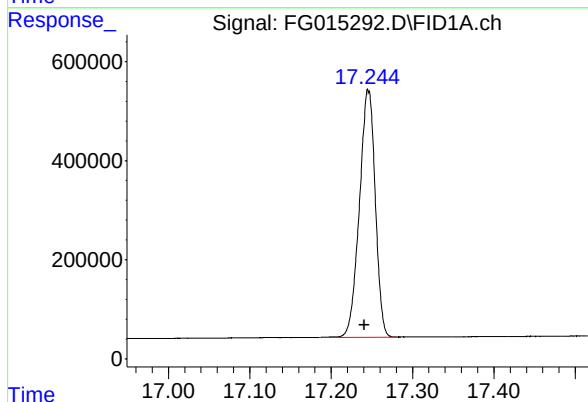
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#11 N-HEXACOSANE

R.T.: 16.293 min
Delta R.T.: 0.005 min
Response: 6841485
Conc: 48.58 ug/ml



#12 N-OCTACOSANE

R.T.: 17.244 min
Delta R.T.: 0.004 min
Response: 6765135
Conc: 48.31 ug/ml m