

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042722\
 Data File : FG009684.D
 Signal(s) : FID1A.ch
 Acq On : 27 Apr 2022 17:25
 Operator : AJ\MA
 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: Apr 28 03:07:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG040122.M
 Quant Title :
 QLast Update : Fri Apr 08 10:19:35 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/28/2022
 Supervised By :mohammad ahmed 04/29/2022

04/28/2022
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 ahmed

04/29/2022

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...	14.625	5869185	45.559 ug/mlm
Target Compounds			
2) N-DECANE	4.318	6310951	42.505 ug/mlm
3) N-DODECANE	6.346	6912056	45.863 ug/ml
4) N-TETRADECANE	8.147	6871093	44.857 ug/ml
5) N-HEXADECANE	9.753	6843909	44.349 ug/ml
6) N-OCTADECANE	11.202	6928536	44.036 ug/ml
7) N-EICOSANE	12.518	6704791	44.269 ug/ml
8) N-DOCOSANE	13.720	6621176	44.866 ug/ml
10) N-TETRACOSANE	14.829	6578612	45.890 ug/ml
11) N-HEXACOSANE	15.854	6516598	47.438 ug/ml
12) N-OCTACOSANE	16.809	6517542	49.939 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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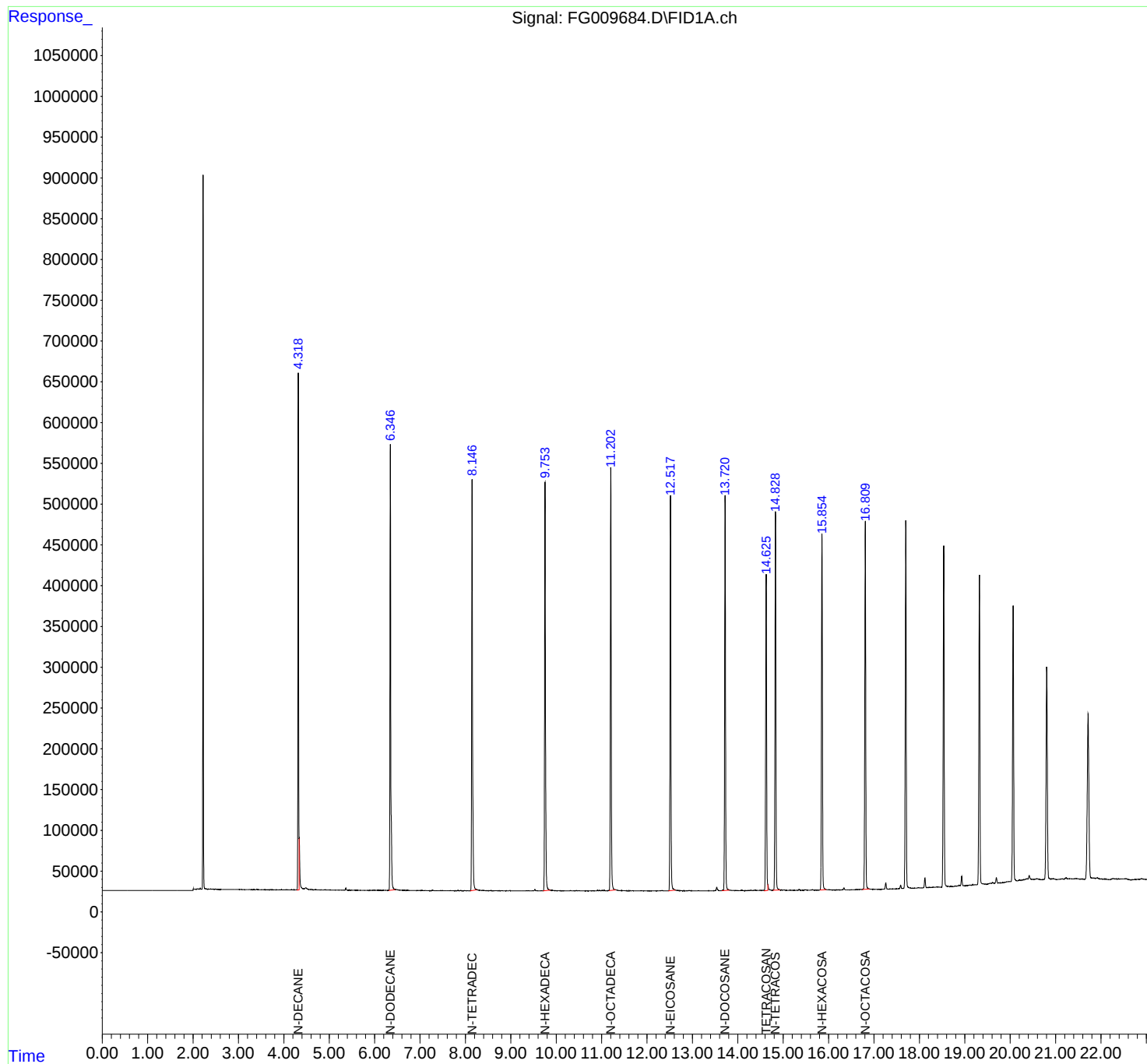
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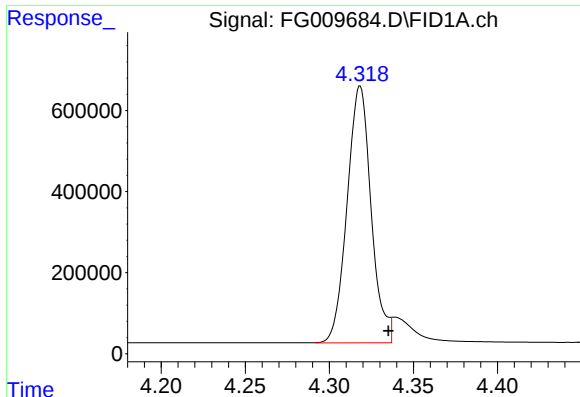
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#2 N-DECANE

R.T.: 4.318 min
Delta R.T.: -0.017 min
Response: 6310951
Conc: 42.51 ug/ml

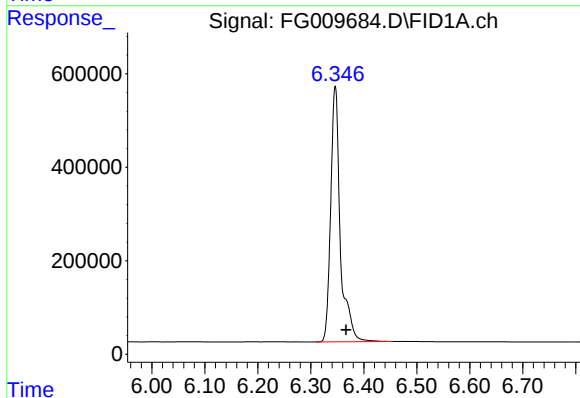
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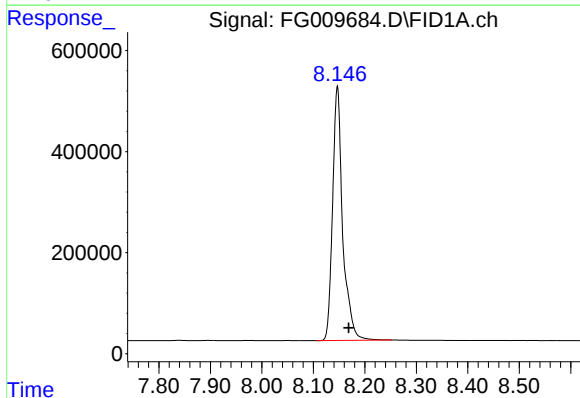
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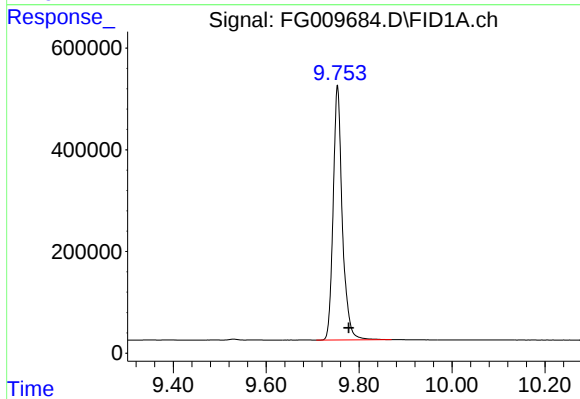
#3 N-DODECANE

R.T.: 6.346 min
Delta R.T.: -0.020 min
Response: 6912056
Conc: 45.86 ug/ml



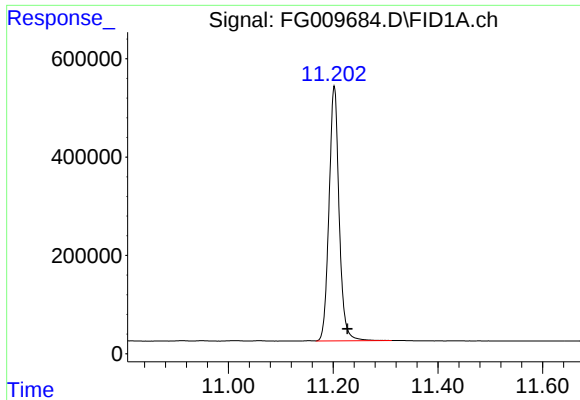
#4 N-TETRADECANE

R.T.: 8.147 min
Delta R.T.: -0.022 min
Response: 6871093
Conc: 44.86 ug/ml



#5 N-HEXADECANE

R.T.: 9.753 min
Delta R.T.: -0.024 min
Response: 6843909
Conc: 44.35 ug/ml



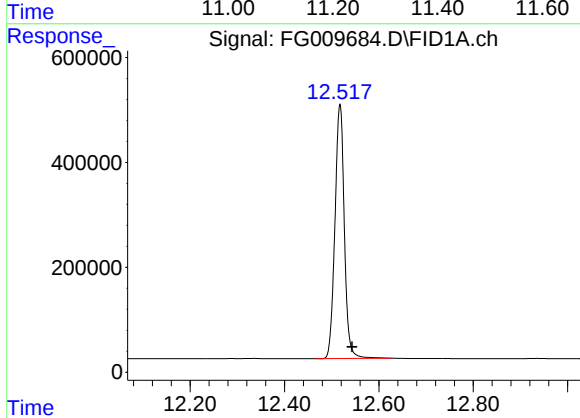
#6 N-OCTADECANE

R.T.: 11.202 min
Delta R.T.: -0.025 min
Response: 6928536
Conc: 44.04 ug/ml

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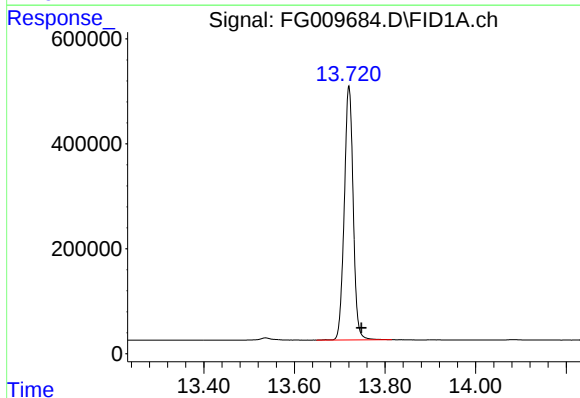


#7 N-EICOSANE

R.T.: 12.518 min
Delta R.T.: -0.025 min
Response: 6704791
Conc: 44.27 ug/ml

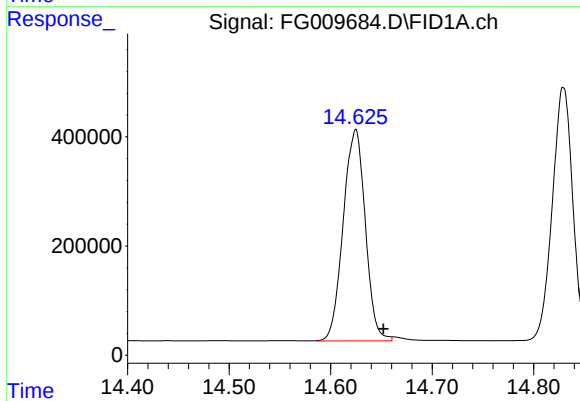
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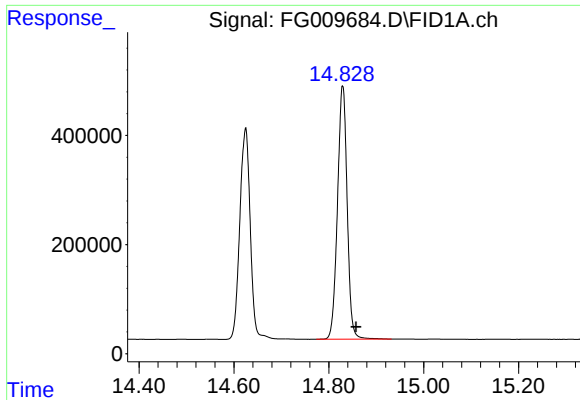
#8 N-DOCOSANE

R.T.: 13.720 min
Delta R.T.: -0.027 min
Response: 6621176
Conc: 44.87 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.625 min
Delta R.T.: -0.027 min
Response: 5869185
Conc: 45.56 ug/ml m



#10 N-TETRACOSANE

R.T.: 14.829 min
Delta R.T.: -0.028 min
Response: 6578612
Conc: 45.89 ug/ml

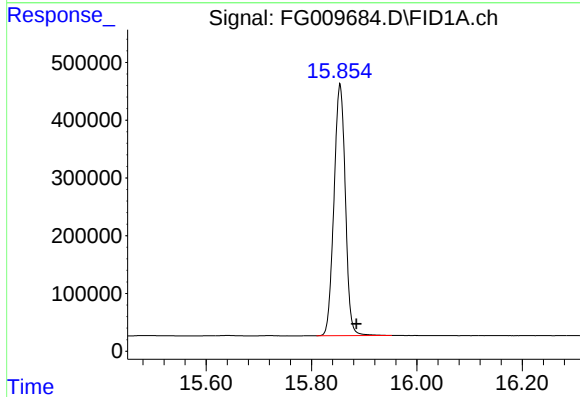
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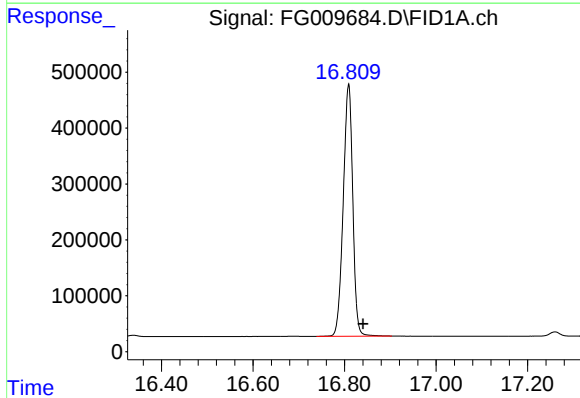
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#11 N-HEXACOSANE

R.T.: 15.854 min
Delta R.T.: -0.031 min
Response: 6516598
Conc: 47.44 ug/ml



#12 N-OCTACOSANE

R.T.: 16.809 min
Delta R.T.: -0.032 min
Response: 6517542
Conc: 49.94 ug/ml