

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG072023\
 Data File : FG012507.D
 Signal(s) : FID1A.ch
 Acq On : 20 Jul 2023 16:40
 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 07/24/2023
 Supervised By :Ankita Jodhani 07/24/2023

Integration File: autoint1.e
 Quant Time: Jul 21 04:18:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070623.M
 Quant Title :
 QLast Update : Thu Jul 06 13:57:02 2023
 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...	14.989	4947509	46.297 ug/ml
Target Compounds			
2) N-DECANE	4.521	5820593	47.753 ug/ml
3) N-DODECANE	6.691	5787853	47.245 ug/ml
4) N-TETRADECANE	8.520	5681529	47.810 ug/ml
5) N-HEXADECANE	10.130	5712811	45.561 ug/ml
6) N-OCTADECANE	11.574	5777124	44.972 ug/ml
7) N-EICOSANE	12.886	5812329	46.015 ug/ml
8) N-DOCOSANE	14.086	5562843	45.275 ug/ml
10) N-TETRACOSANE	15.193	5857418	44.274 ug/ml
11) N-HEXACOSANE	16.215	5496205	46.967 ug/mlm
12) N-OCTACOSANE	17.166	5415709	47.433 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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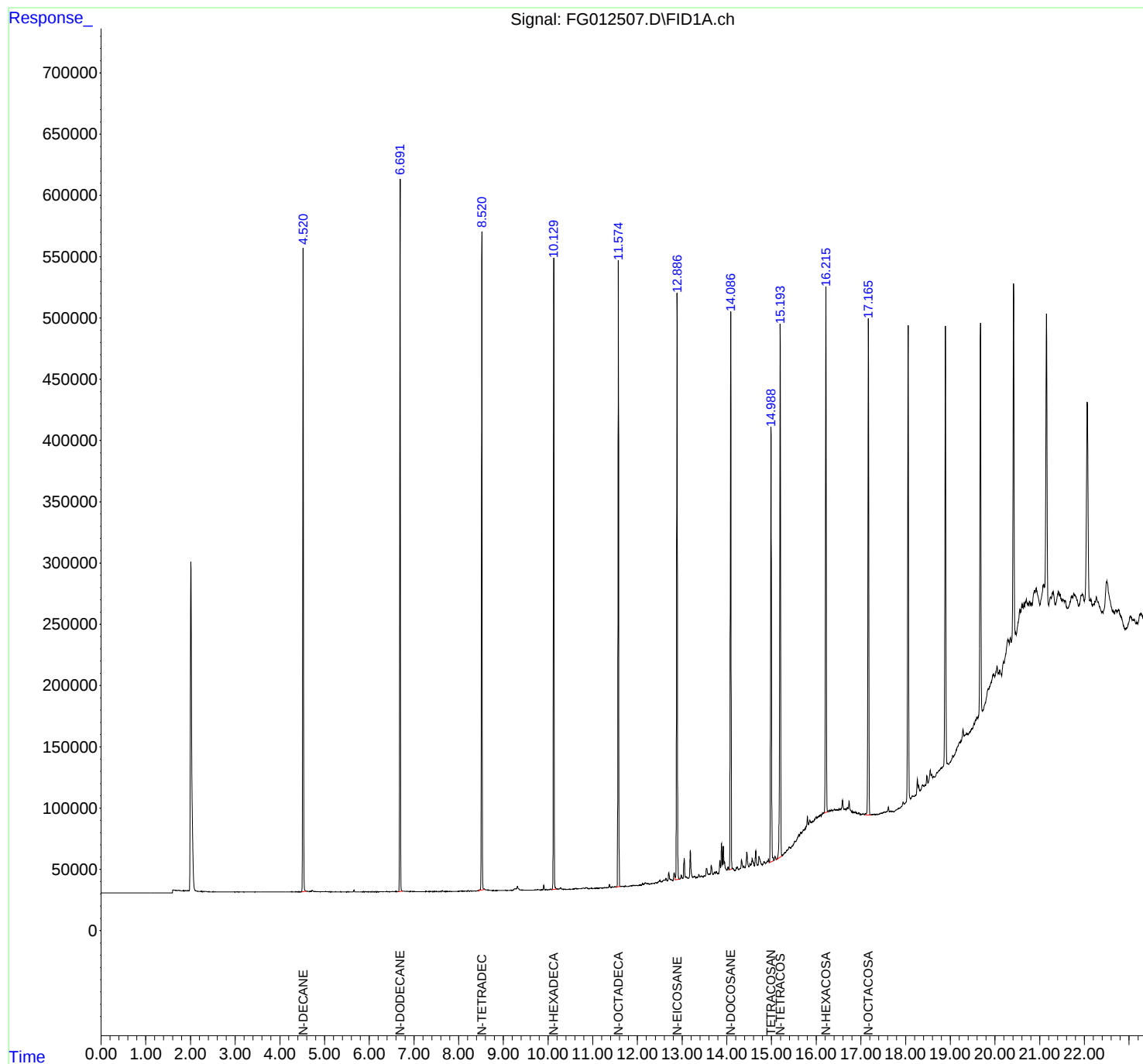
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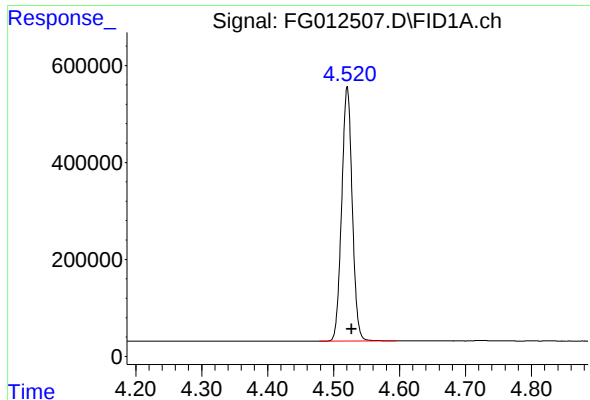
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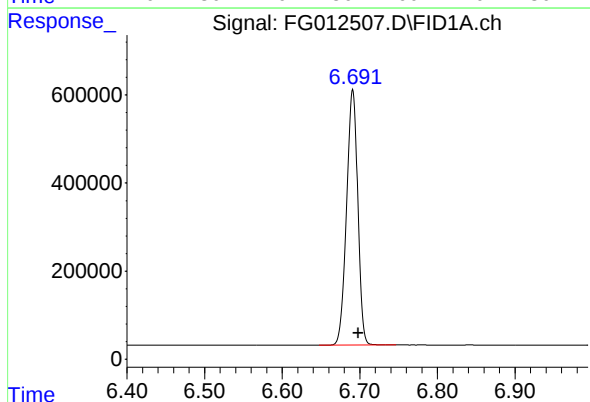
#2 N-DECANE

R.T.: 4.521 min
Delta R.T.: -0.007 min
Response: 5820593
Conc: 47.75 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

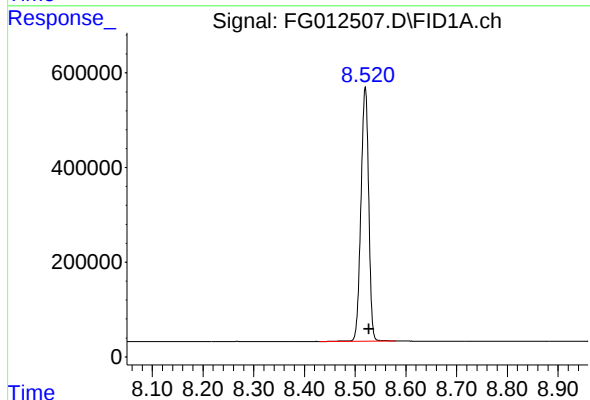
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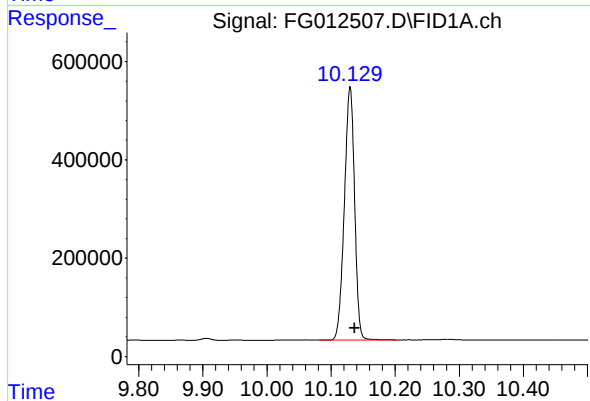
#3 N-DODECANE

R.T.: 6.691 min
Delta R.T.: -0.007 min
Response: 5787853
Conc: 47.25 ug/ml



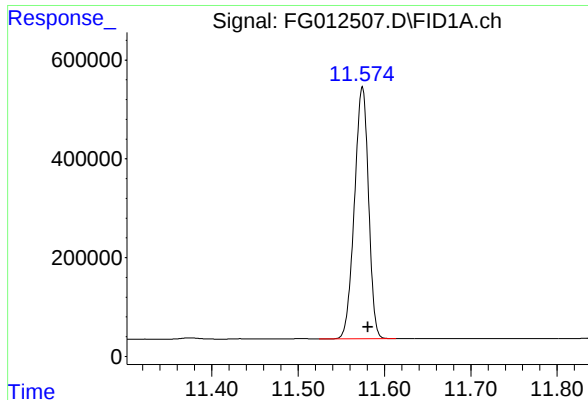
#4 N-TETRADECANE

R.T.: 8.520 min
Delta R.T.: -0.007 min
Response: 5681529
Conc: 47.81 ug/ml



#5 N-HEXADECANE

R.T.: 10.130 min
Delta R.T.: -0.007 min
Response: 5712811
Conc: 45.56 ug/ml



#6 N-OCTADECANE

R.T.: 11.574 min
Delta R.T.: -0.006 min
Response: 5777124
Conc: 44.97 ug/ml

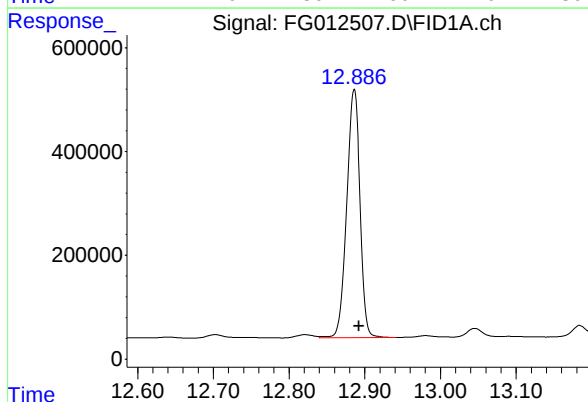
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

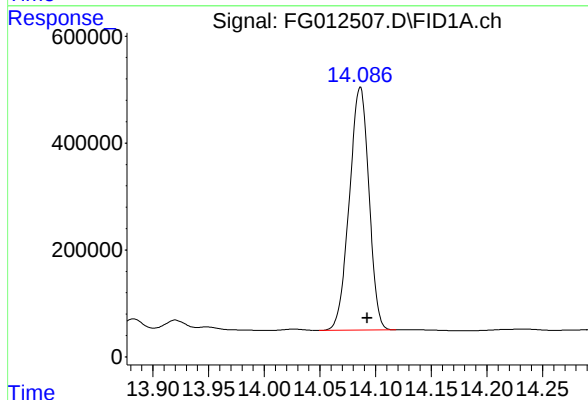
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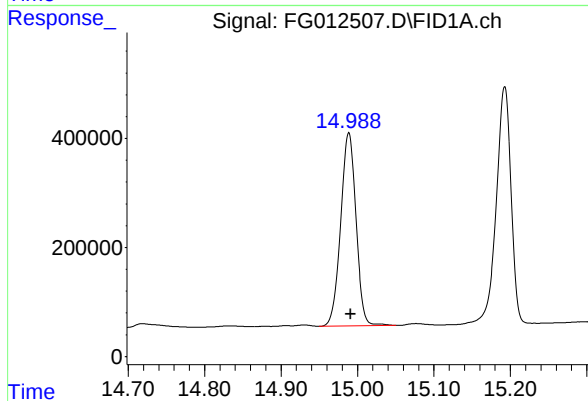
#7 N-EICOSANE

R.T.: 12.886 min
Delta R.T.: -0.007 min
Response: 5812329
Conc: 46.02 ug/ml



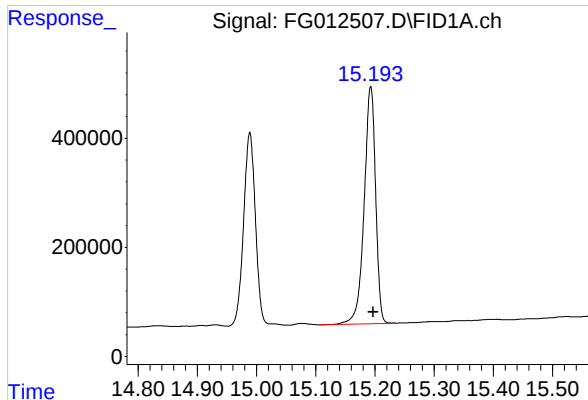
#8 N-DOCOSANE

R.T.: 14.086 min
Delta R.T.: -0.006 min
Response: 5562843
Conc: 45.27 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.989 min
Delta R.T.: -0.003 min
Response: 4947509
Conc: 46.30 ug/ml



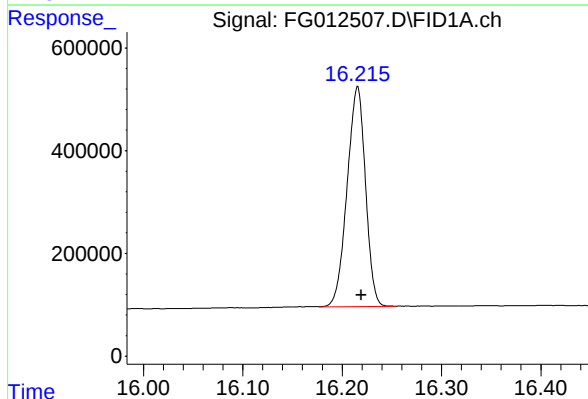
#10 N-TETRACOSANE

R.T.: 15.193 min
Delta R.T.: -0.004 min
Response: 5857418
Conc: 44.27 ug/ml

Instrument :
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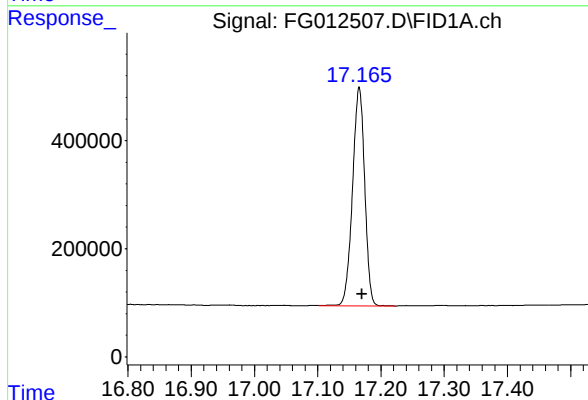
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#11 N-HEXACOSANE

R.T.: 16.215 min
Delta R.T.: -0.004 min
Response: 5496205
Conc: 46.97 ug/ml m



#12 N-OCTACOSANE

R.T.: 17.166 min
Delta R.T.: -0.004 min
Response: 5415709
Conc: 47.43 ug/ml