

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082725\
 Data File : FF016249.D
 Signal(s) : FID2B.ch
 Acq On : 27 Aug 2025 17:37
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/28/2025
 Supervised By :mohammad ahmed 08/29/2025

Integration File: autoint1.e
 Quant Time: Aug 28 02:36:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF080625.M
 Quant Title :
 QLast Update : Wed Aug 06 13:50:48 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...	15.081	5793179	51.900 ug/mlm
Target Compounds			
2) N-DECANE	4.597	6073381	52.166 ug/ml
3) N-DODECANE	6.776	6164355	52.183 ug/ml
4) N-TETRADECANE	8.610	6280754	51.949 ug/ml
5) N-HEXADECANE	10.219	6333600	52.111 ug/ml
6) N-OCTADECANE	11.665	6528731	52.164 ug/ml
7) N-EICOSANE	12.978	6738776	52.079 ug/ml
8) N-DOCOSANE	14.179	6589485	52.121 ug/ml
10) N-TETRACOSANE	15.285	6604655	52.112 ug/ml
11) N-HEXACOSANE	16.308	6428564	51.931 ug/ml
12) N-OCTACOSANE	17.261	6458966	51.604 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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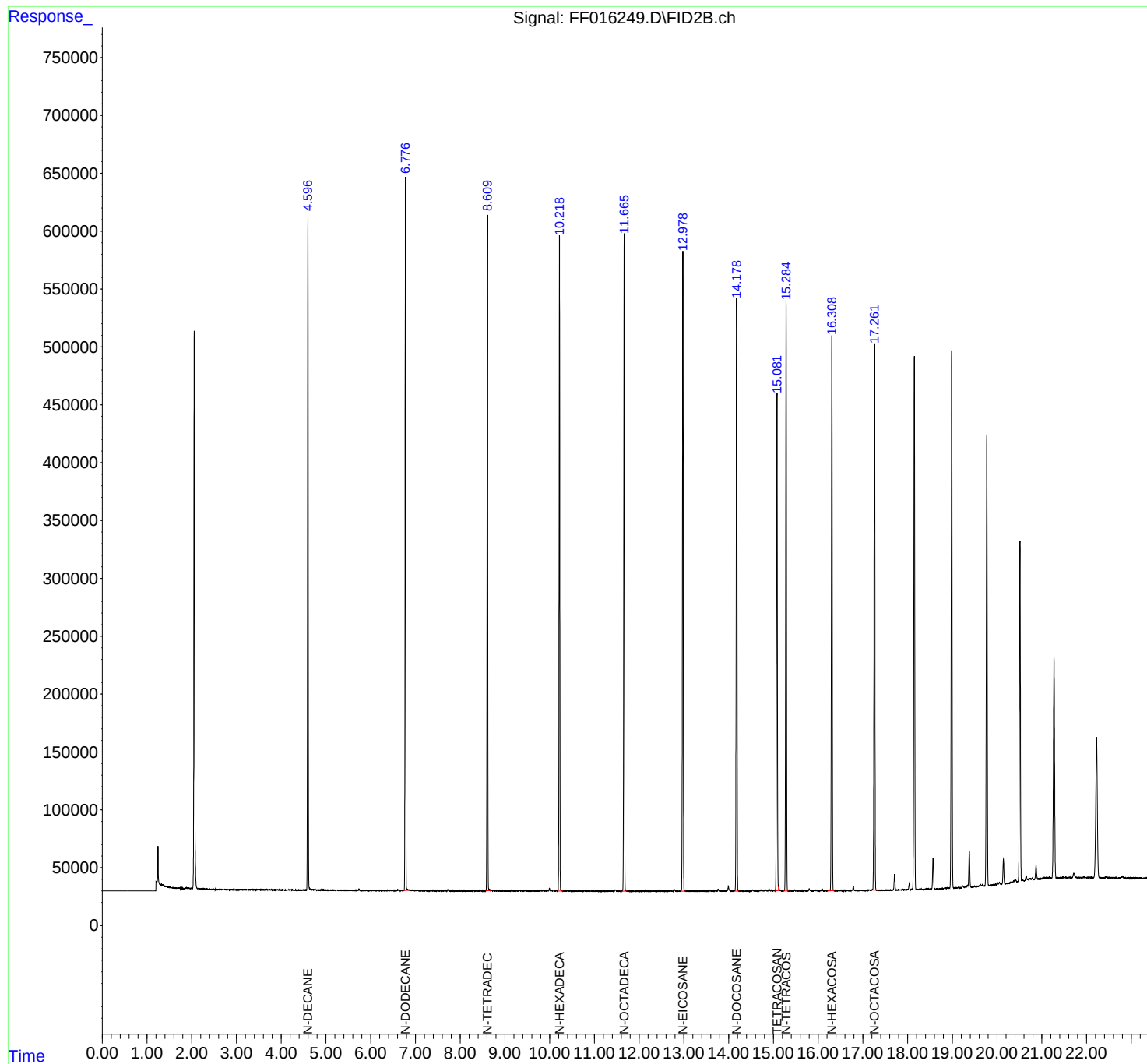
Instrument :
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50 PPM TRPH STD

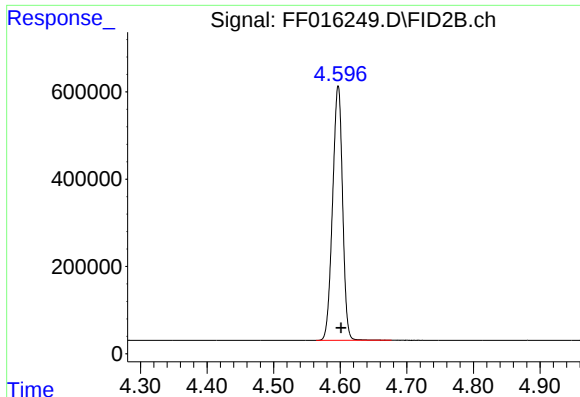
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#2 N-DECANE

R.T.: 4.597 min
Delta R.T.: -0.004 min
Response: 6073381
Conc: 52.17 ug/ml

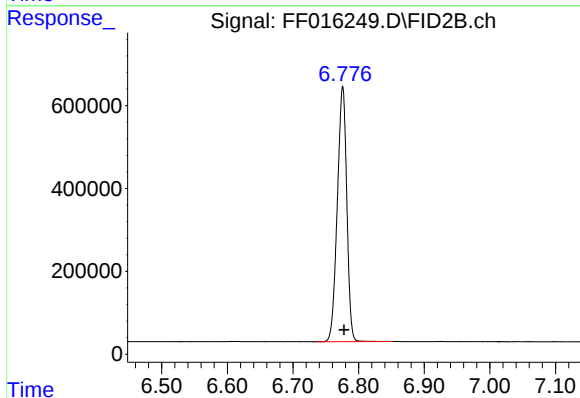
Instrument :

FID_F

ClientSampleId :
50 PPM TRPH STD

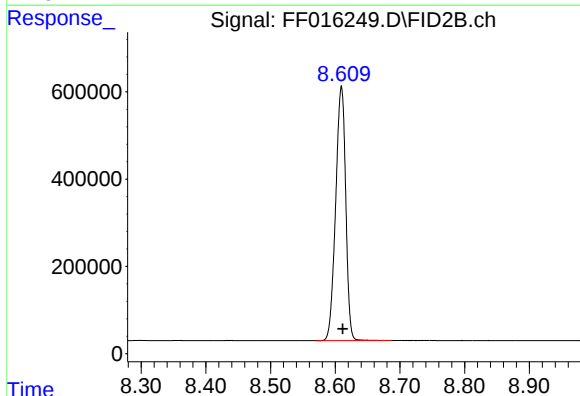
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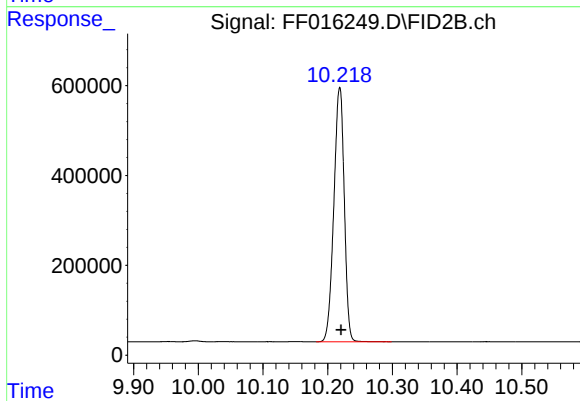
#3 N-DODECANE

R.T.: 6.776 min
Delta R.T.: -0.002 min
Response: 6164355
Conc: 52.18 ug/ml



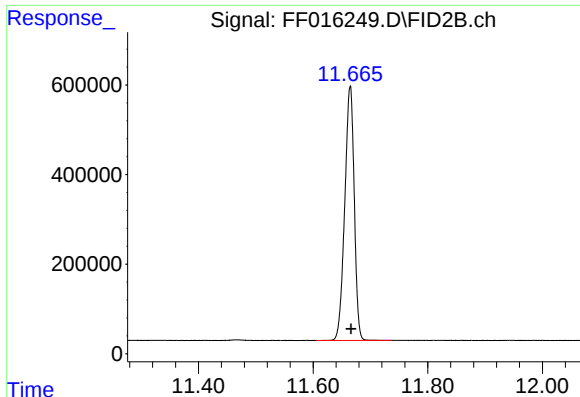
#4 N-TETRADECANE

R.T.: 8.610 min
Delta R.T.: -0.002 min
Response: 6280754
Conc: 51.95 ug/ml



#5 N-HEXADECANE

R.T.: 10.219 min
Delta R.T.: -0.002 min
Response: 6333600
Conc: 52.11 ug/ml



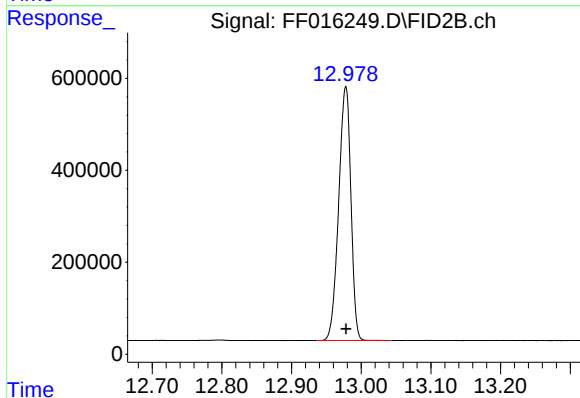
#6 N-OCTADECANE

R.T.: 11.665 min
Delta R.T.: -0.001 min
Response: 6528731
Conc: 52.16 ug/ml

Instrument :
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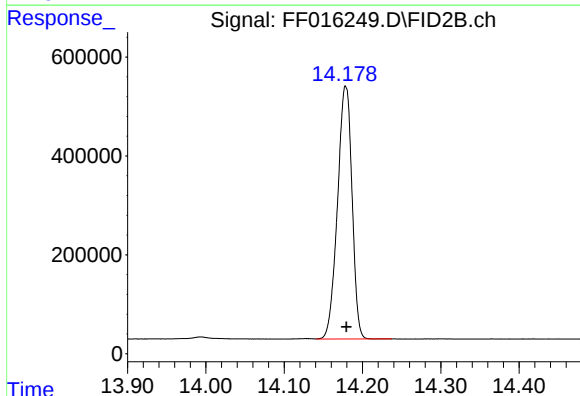
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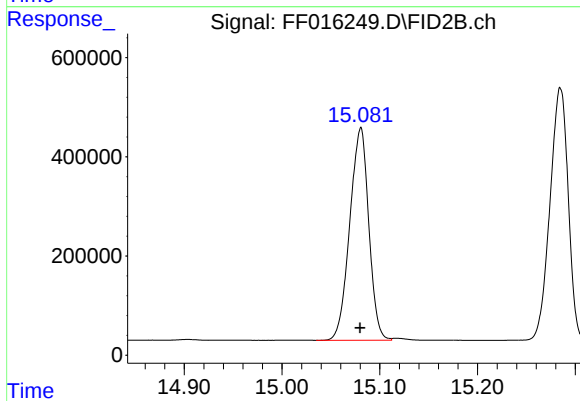
#7 N-EICOSANE

R.T.: 12.978 min
Delta R.T.: 0.000 min
Response: 6738776
Conc: 52.08 ug/ml



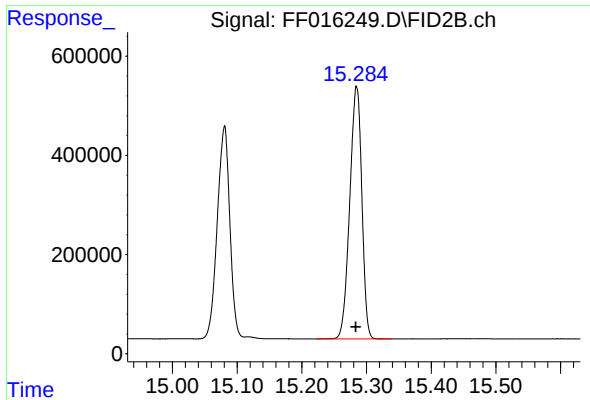
#8 N-DOCOSANE

R.T.: 14.179 min
Delta R.T.: 0.000 min
Response: 6589485
Conc: 52.12 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.081 min
Delta R.T.: 0.000 min
Response: 5793179
Conc: 51.90 ug/ml m



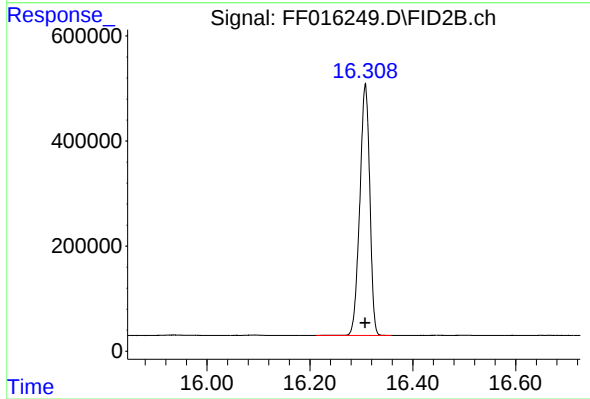
#10 N-TETRACOSANE

R.T.: 15.285 min
Delta R.T.: 0.001 min
Response: 6604655
Conc: 52.11 ug/ml

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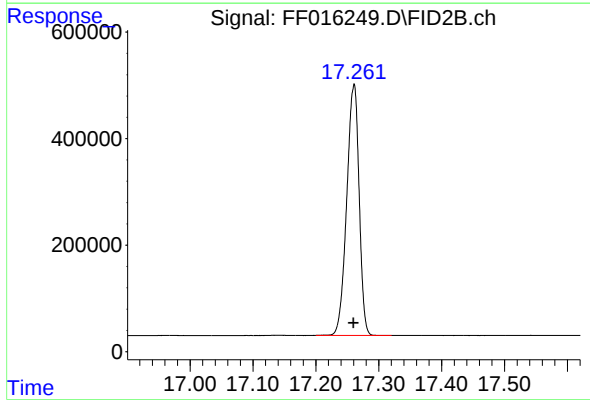
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#11 N-HEXACOSANE

R.T.: 16.308 min
Delta R.T.: 0.000 min
Response: 6428564
Conc: 51.93 ug/ml



#12 N-OCTACOSANE

R.T.: 17.261 min
Delta R.T.: 0.000 min
Response: 6458966
Conc: 51.60 ug/ml