

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG020625\
 Data File : FG015333.D
 Signal(s) : FID1A.ch
 Acq On : 06 Feb 2025 21:40
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/07/2025
 Supervised By :Ankita Jodhani 02/07/2025

Integration File: autoint1.e
 Quant Time: Feb 07 03:15:51 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...	15.048	5816956	45.348 ug/ml
Target Compounds			
2) N-DECANE	4.537	5588577	43.264 ug/ml
3) N-DODECANE	6.721	5944923	43.637 ug/ml
4) N-TETRADECANE	8.558	5973010	43.641 ug/ml
5) N-HEXADECANE	10.174	6227919	44.135 ug/ml
6) N-OCTADECANE	11.624	6544532	44.616 ug/ml
7) N-EICOSANE	12.940	6469830	44.501 ug/ml
8) N-DOCOSANE	14.144	6426161	44.793 ug/ml
10) N-TETRACOSANE	15.254	6410239	44.882 ug/ml
11) N-HEXACOSANE	16.277	6289237	44.655 ug/ml
12) N-OCTACOSANE	17.230	6189776	44.202 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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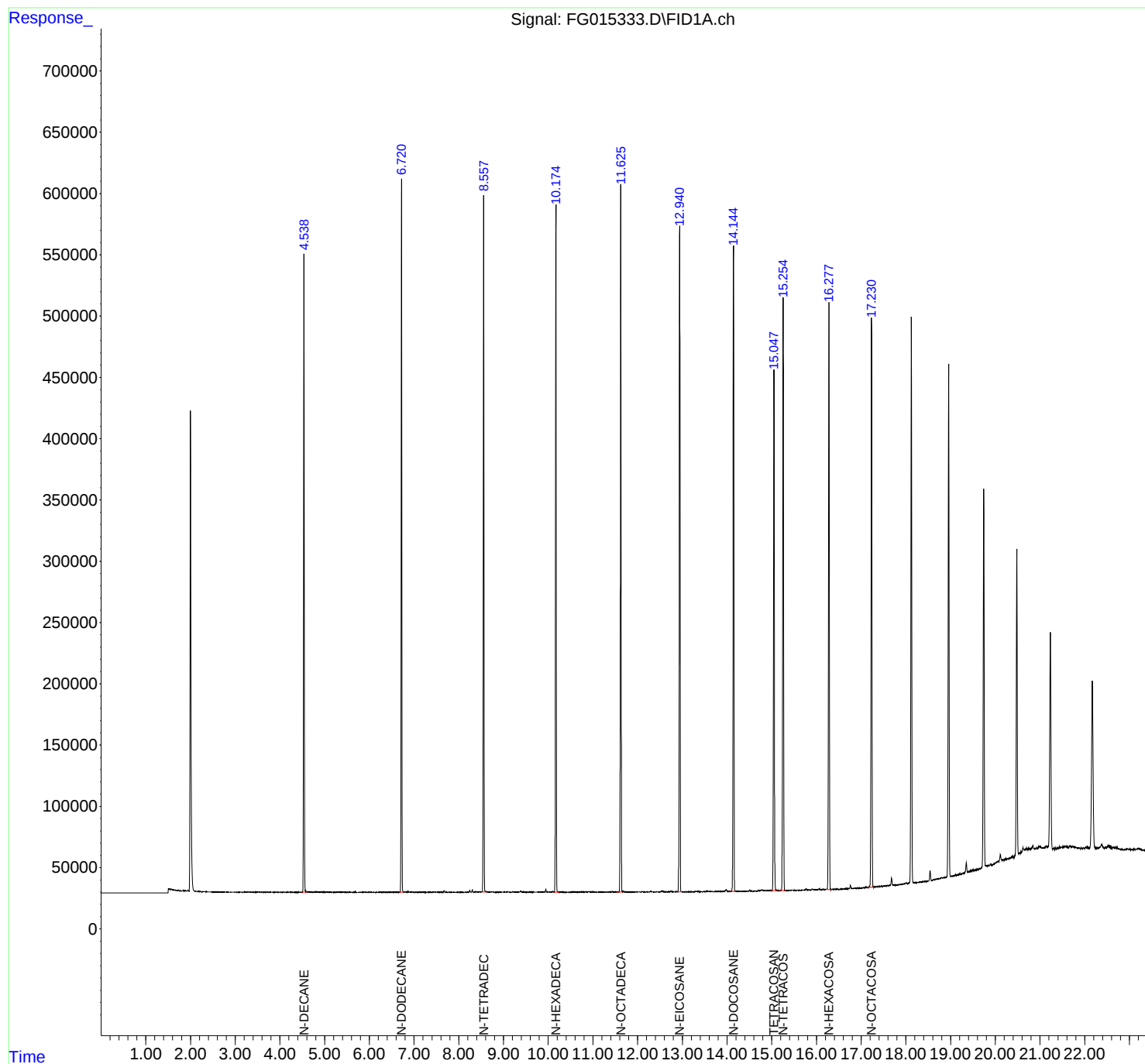
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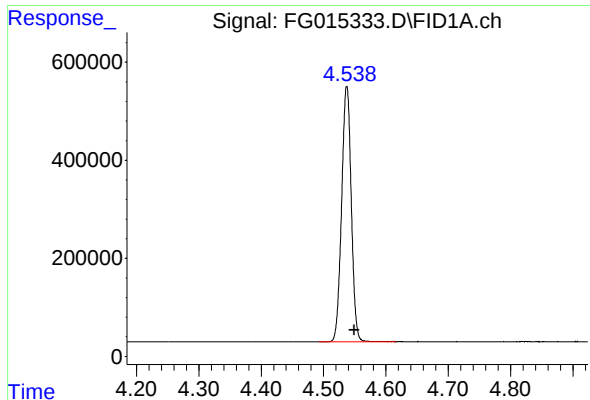
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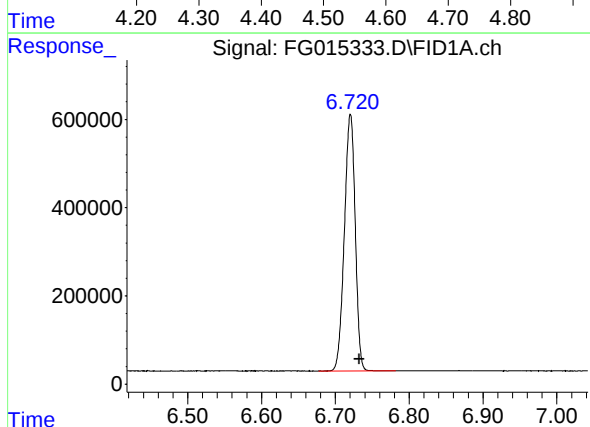
#2 N-DECANE

R.T.: 4.537 min
Delta R.T.: -0.012 min
Response: 5588577
Conc: 43.26 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

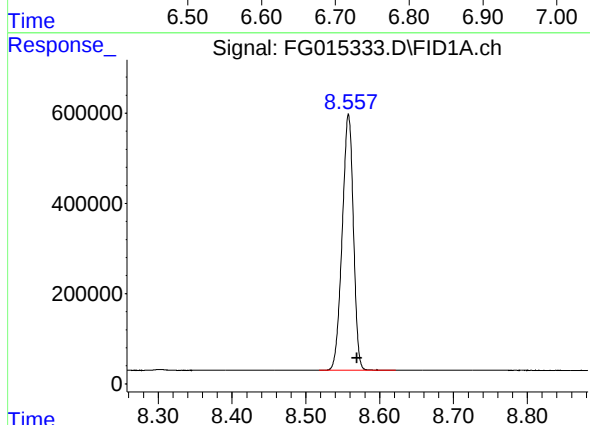
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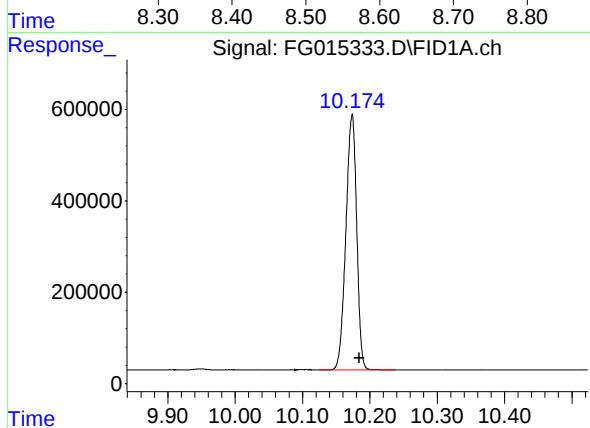
#3 N-DODECANE

R.T.: 6.721 min
Delta R.T.: -0.012 min
Response: 5944923
Conc: 43.64 ug/ml



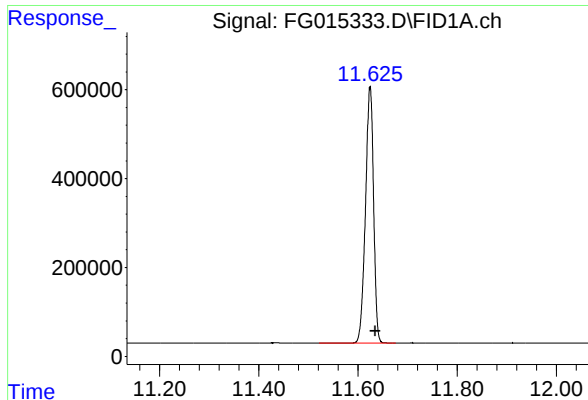
#4 N-TETRADECANE

R.T.: 8.558 min
Delta R.T.: -0.011 min
Response: 5973010
Conc: 43.64 ug/ml



#5 N-HEXADECANE

R.T.: 10.174 min
Delta R.T.: -0.011 min
Response: 6227919
Conc: 44.13 ug/ml



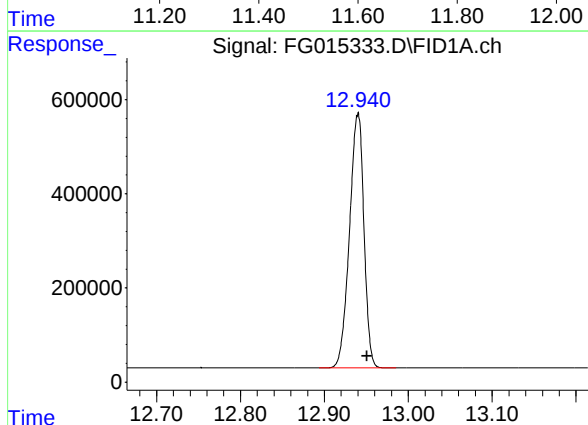
#6 N-OCTADECANE

R.T.: 11.624 min
Delta R.T.: -0.011 min
Response: 6544532
Conc: 44.62 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

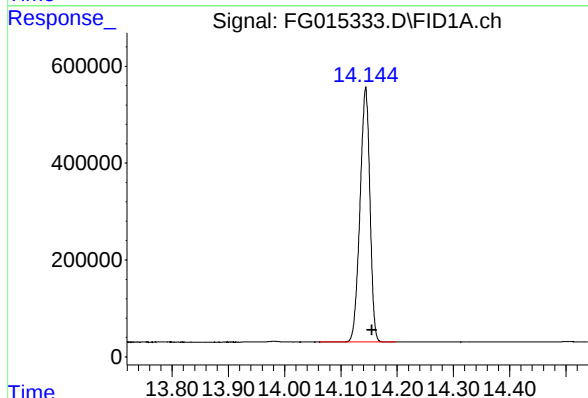
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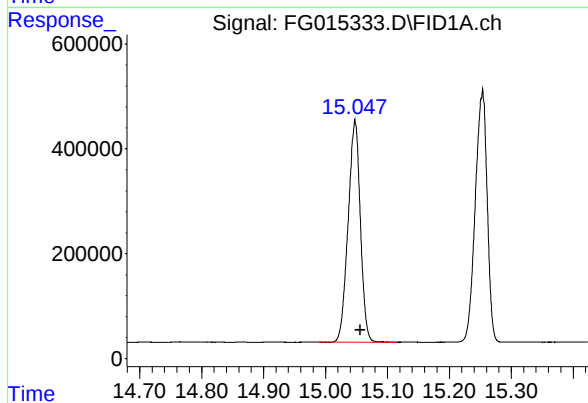
#7 N-EICOSANE

R.T.: 12.940 min
Delta R.T.: -0.011 min
Response: 6469830
Conc: 44.50 ug/ml



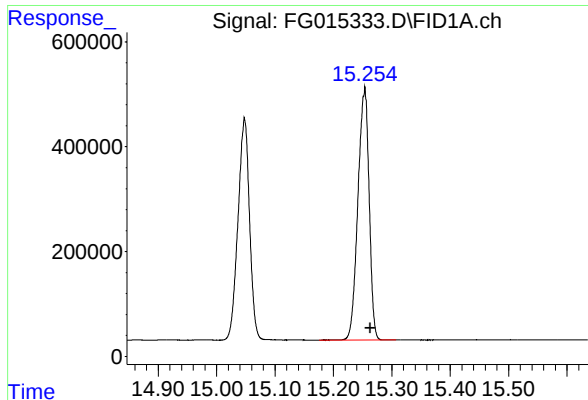
#8 N-DOCOSANE

R.T.: 14.144 min
Delta R.T.: -0.011 min
Response: 6426161
Conc: 44.79 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.048 min
Delta R.T.: -0.008 min
Response: 5816956
Conc: 45.35 ug/ml



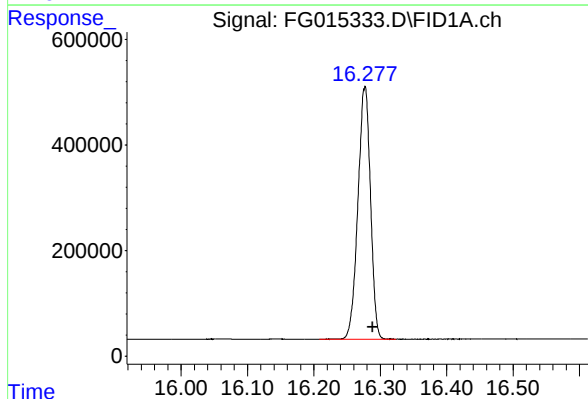
#10 N-TETRACOSANE

R.T.: 15.254 min
Delta R.T.: -0.010 min
Response: 6410239
Conc: 44.88 ug/ml

Instrument :
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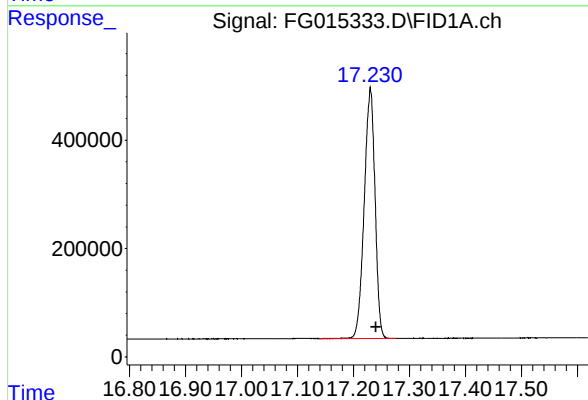
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#11 N-HEXACOSANE

R.T.: 16.277 min
Delta R.T.: -0.012 min
Response: 6289237
Conc: 44.66 ug/ml



#12 N-OCTACOSANE

R.T.: 17.230 min
Delta R.T.: -0.011 min
Response: 6189776
Conc: 44.20 ug/ml m