

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120325\
 Data File : FG017057.D
 Signal(s) : FID1A.ch
 Acq On : 03 Dec 2025 10:33
 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 :Rahul Chavli 12/04/2025
 Supervised By :mohammad ahmed 12/05/2025

Integration File: autoint1.e
 Quant Time: Dec 04 01:04:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
 Quant Title :
 QLast Update : Mon Dec 01 15:19:01 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...	15.146	5261589	50.561 ug/ml
Target Compounds			
2) N-DECANE	4.619	6346739	53.204 ug/ml
3) N-DODECANE	6.802	6342407	53.098 ug/ml
4) N-TETRADECANE	8.642	6253520	54.035 ug/ml
5) N-HEXADECANE	10.260	6150696	53.753 ug/ml
6) N-OCTADECANE	11.713	6258203	52.178 ug/ml
7) N-EICOSANE	13.033	6328902	50.912 ug/ml
8) N-DOCOSANE	14.240	6048918	50.663 ug/ml
10) N-TETRACOSANE	15.352	5943550	50.588 ug/ml
11) N-HEXACOSANE	16.379	5683231	50.586 ug/ml
12) N-OCTACOSANE	17.335	5593567	49.572 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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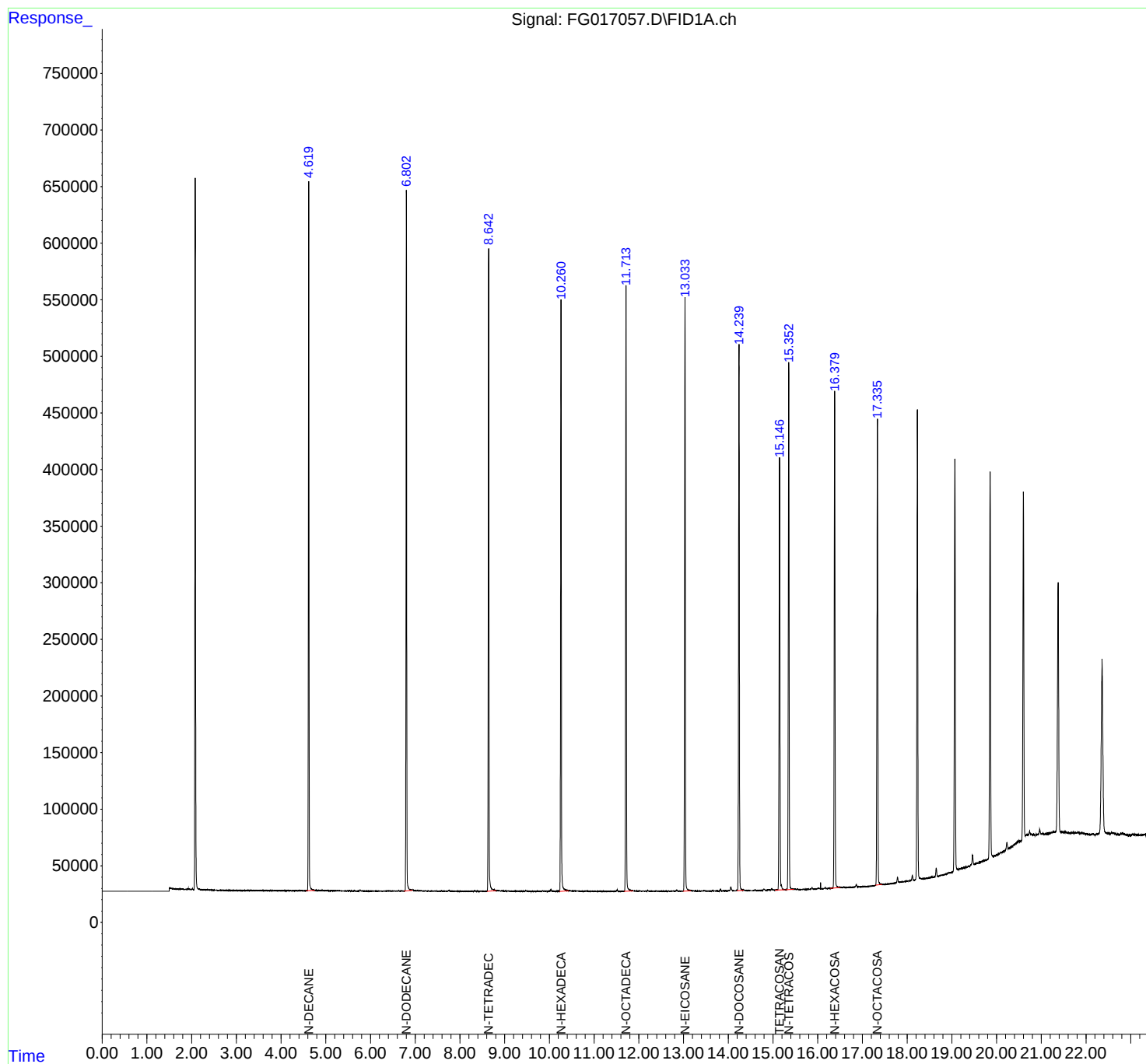
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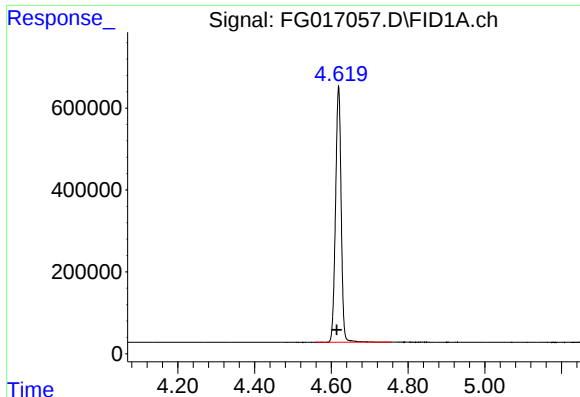
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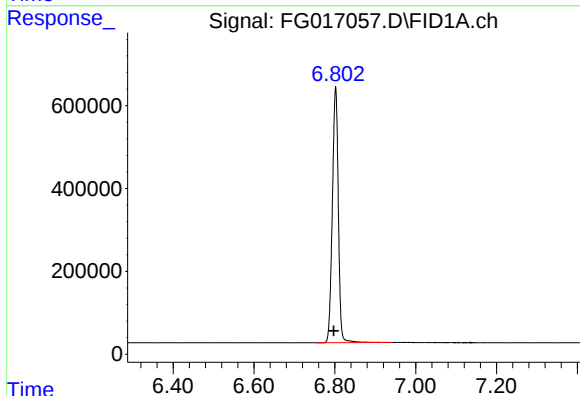
#2 N-DECANE

R.T.: 4.619 min
Delta R.T.: 0.005 min
Response: 6346739
Conc: 53.20 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

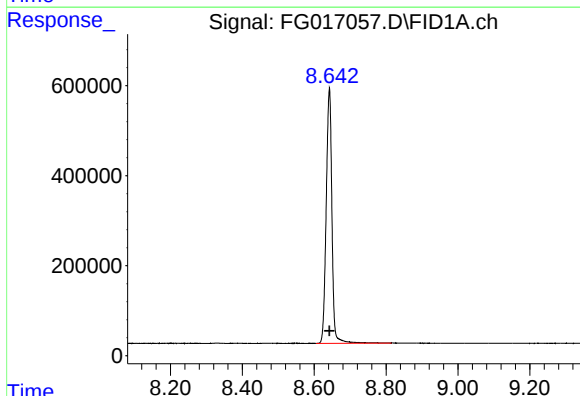
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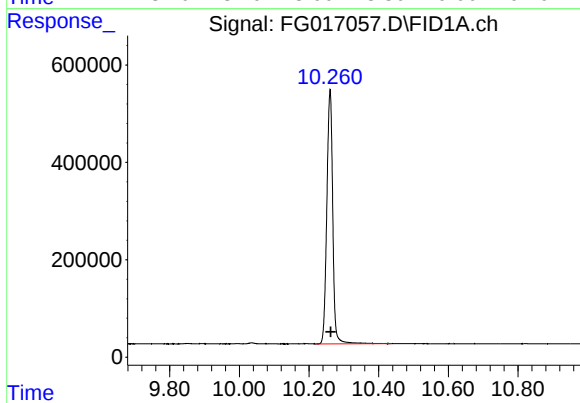
#3 N-DODECANE

R.T.: 6.802 min
Delta R.T.: 0.004 min
Response: 6342407
Conc: 53.10 ug/ml



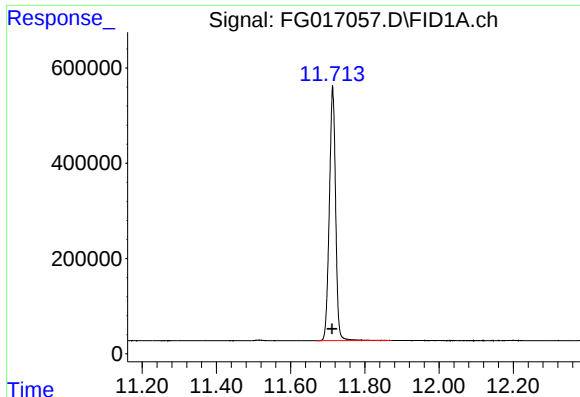
#4 N-TETRADECANE

R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 6253520
Conc: 54.04 ug/ml



#5 N-HEXADECANE

R.T.: 10.260 min
Delta R.T.: -0.002 min
Response: 6150696
Conc: 53.75 ug/ml



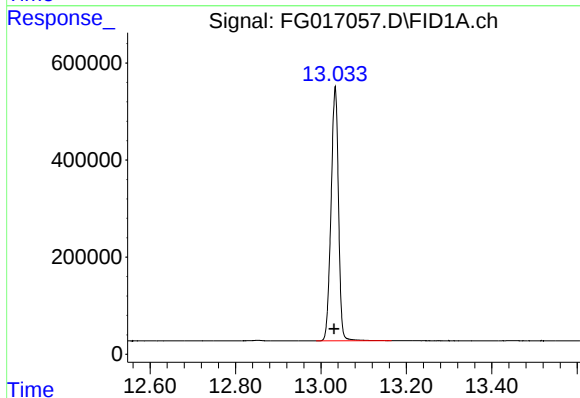
#6 N-OCTADECANE

R.T.: 11.713 min
Delta R.T.: 0.001 min
Response: 6258203
Conc: 52.18 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

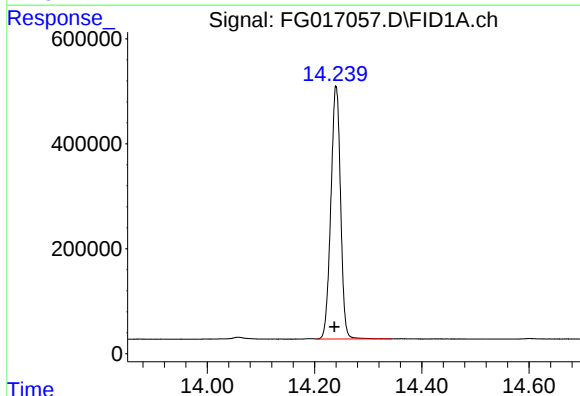
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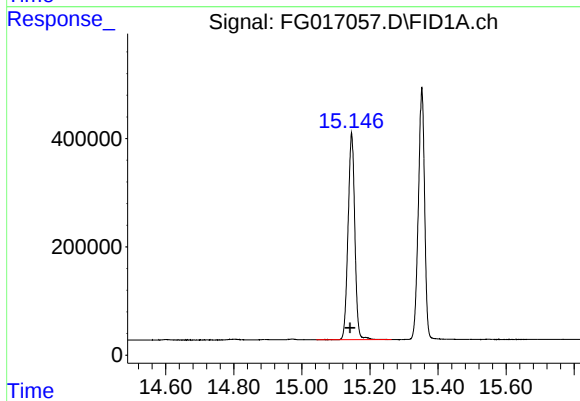
#7 N-EICOSANE

R.T.: 13.033 min
Delta R.T.: 0.002 min
Response: 6328902
Conc: 50.91 ug/ml



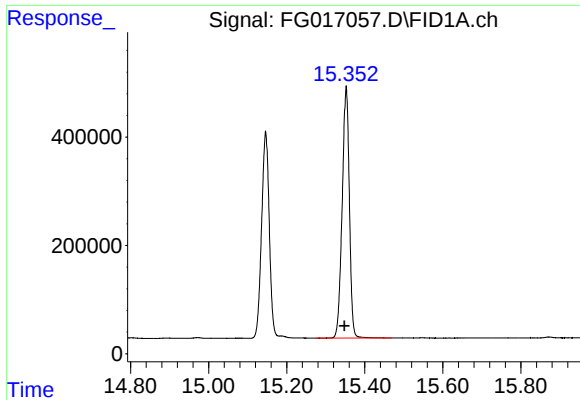
#8 N-DOCOSANE

R.T.: 14.240 min
Delta R.T.: 0.003 min
Response: 6048918
Conc: 50.66 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.146 min
Delta R.T.: 0.004 min
Response: 5261589
Conc: 50.56 ug/ml



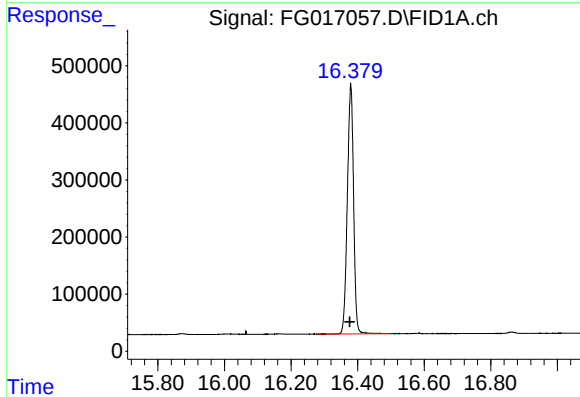
#10 N-TETRACOSANE

R.T.: 15.352 min
Delta R.T.: 0.004 min
Response: 5943550
Conc: 50.59 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

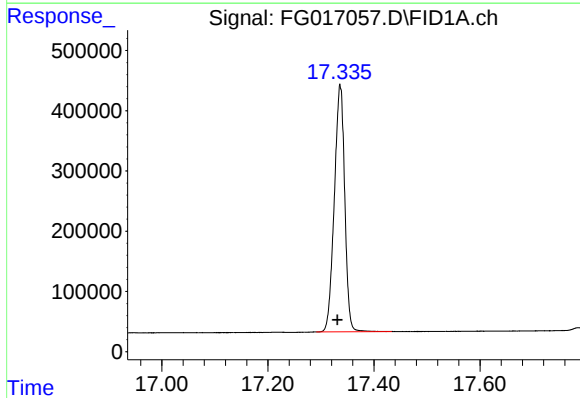
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#11 N-HEXACOSANE

R.T.: 16.379 min
Delta R.T.: 0.003 min
Response: 5683231
Conc: 50.59 ug/ml



#12 N-OCTACOSANE

R.T.: 17.335 min
Delta R.T.: 0.004 min
Response: 5593567
Conc: 49.57 ug/ml m