

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG012325\
 Data File : FG015159.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jan 2025 04:28
 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 01/24/2025
 Supervised By :Ankita Jodhani 01/27/2025

Integration File: autoint1.e
 Quant Time: Jan 24 04:44:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG011325.M
 Quant Title :
 QLast Update : Mon Jan 13 11:52:01 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...	15.047	6338776	49.416 ug/mlm
Target Compounds			
2) N-DECANE	4.542	6541548	50.642 ug/ml
3) N-DODECANE	6.725	6906957	50.698 ug/ml
4) N-TETRADECANE	8.562	6869336	50.190 ug/ml
5) N-HEXADECANE	10.177	7076095	50.145 ug/ml
6) N-OCTADECANE	11.626	7332685	49.989 ug/ml
7) N-EICOSANE	12.943	7170272	49.319 ug/ml
8) N-DOCOSANE	14.146	7023558	48.957 ug/ml
10) N-TETRACOSANE	15.253	6952018	48.675 ug/ml
11) N-HEXACOSANE	16.277	6799142	48.276 ug/ml
12) N-OCTACOSANE	17.230	6657296	47.541 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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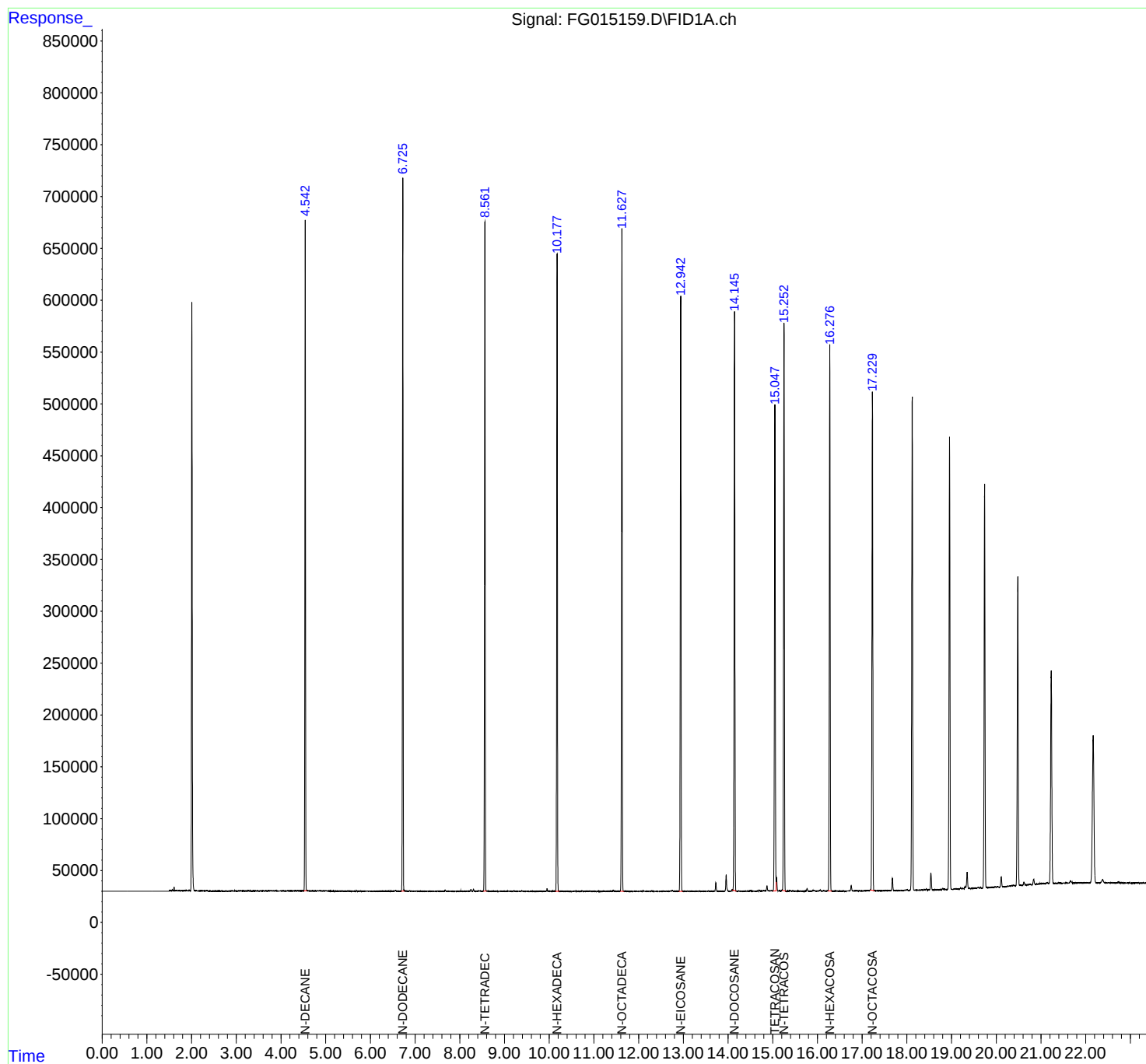
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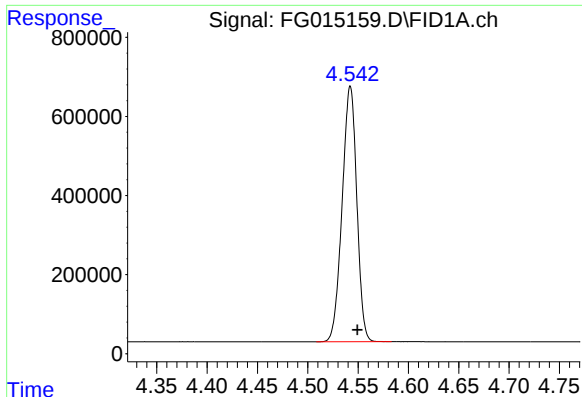
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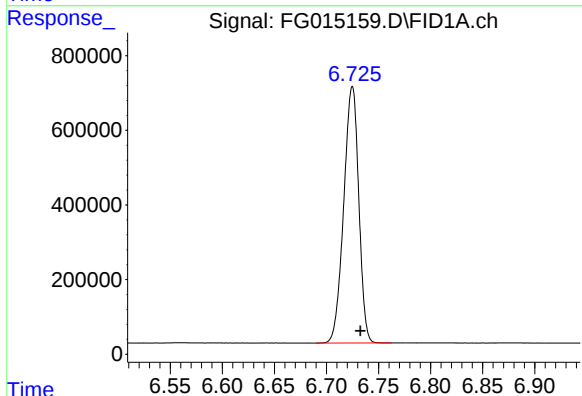
#2 N-DECANE

R.T.: 4.542 min
Delta R.T.: -0.007 min
Response: 6541548
Conc: 50.64 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

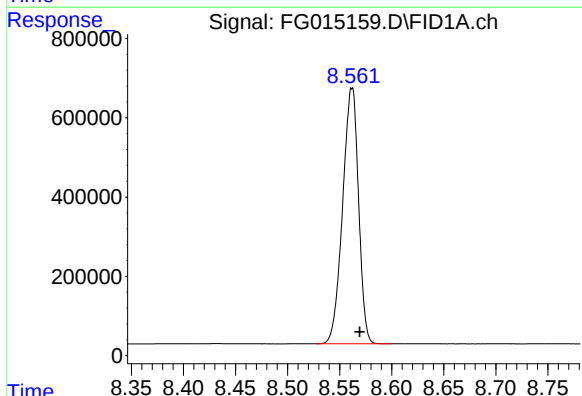
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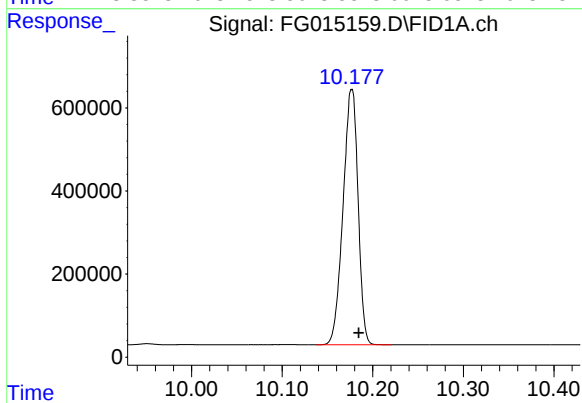
#3 N-DODECANE

R.T.: 6.725 min
Delta R.T.: -0.008 min
Response: 6906957
Conc: 50.70 ug/ml



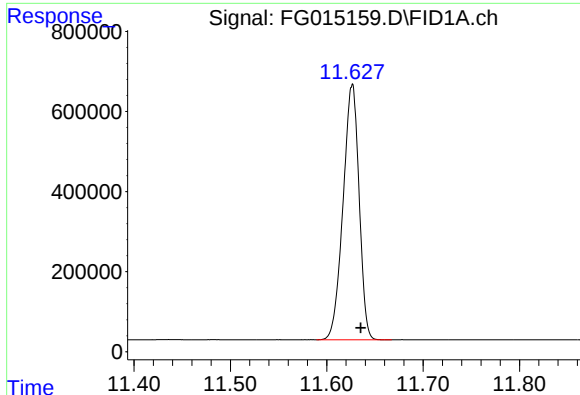
#4 N-TETRADECANE

R.T.: 8.562 min
Delta R.T.: -0.007 min
Response: 6869336
Conc: 50.19 ug/ml



#5 N-HEXADECANE

R.T.: 10.177 min
Delta R.T.: -0.008 min
Response: 7076095
Conc: 50.15 ug/ml



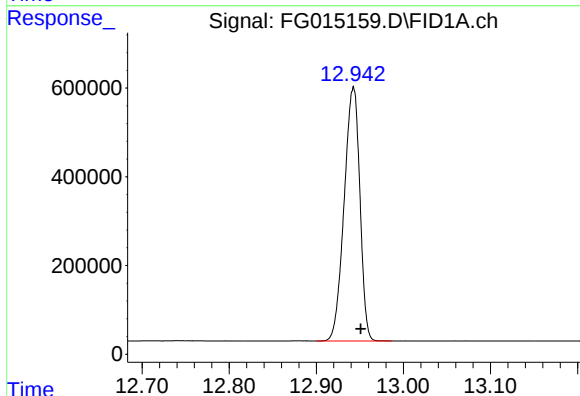
#6 N-OCTADECANE

R.T.: 11.626 min
Delta R.T.: -0.009 min
Response: 7332685
Conc: 49.99 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

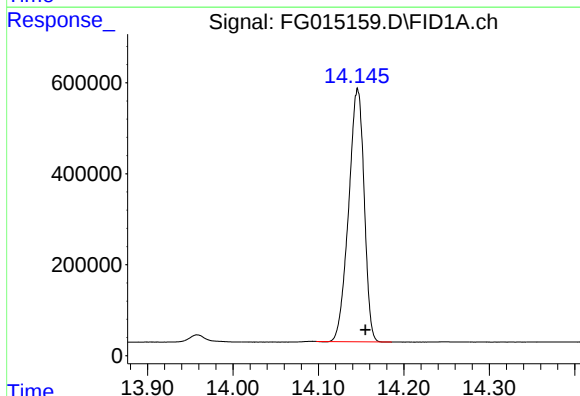
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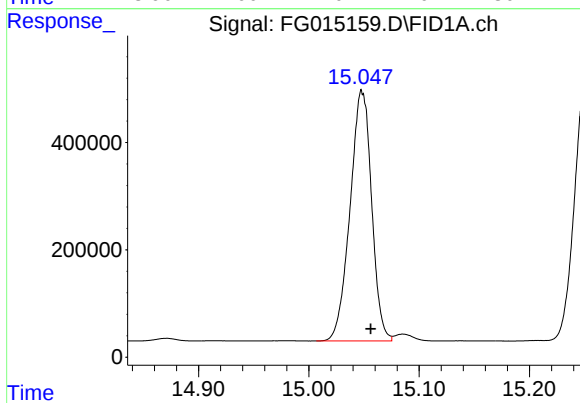
#7 N-EICOSANE

R.T.: 12.943 min
Delta R.T.: -0.008 min
Response: 7170272
Conc: 49.32 ug/ml



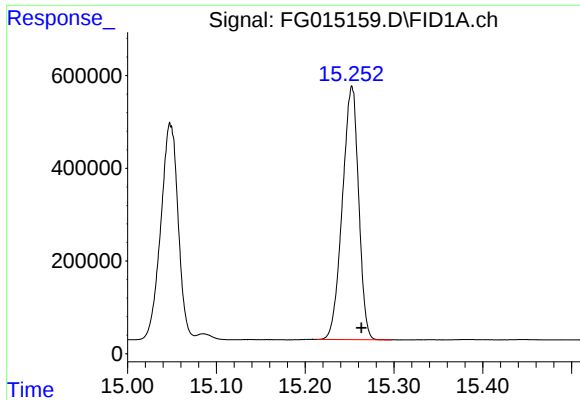
#8 N-DOCOSANE

R.T.: 14.146 min
Delta R.T.: -0.009 min
Response: 7023558
Conc: 48.96 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.047 min
Delta R.T.: -0.009 min
Response: 6338776
Conc: 49.42 ug/ml m



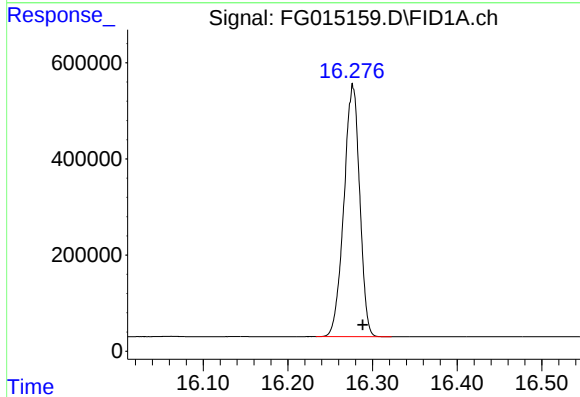
#10 N-TETRACOSANE

R.T.: 15.253 min
Delta R.T.: -0.011 min
Response: 6952018
Conc: 48.68 ug/ml

Instrument :
FID_G
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50 PPM TRPH STD

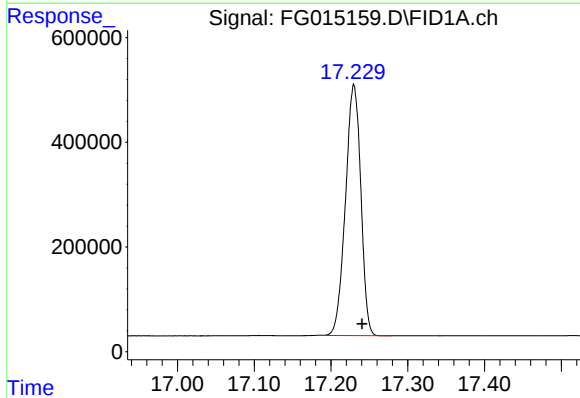
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#11 N-HEXACOSANE

R.T.: 16.277 min
Delta R.T.: -0.011 min
Response: 6799142
Conc: 48.28 ug/ml



#12 N-OCTACOSANE

R.T.: 17.230 min
Delta R.T.: -0.011 min
Response: 6657296
Conc: 47.54 ug/ml