

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG012325\
 Data File : FG015148.D
 Signal(s) : FID1A.ch
 Acq On : 23 Jan 2025 22:47
 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 04:07:27 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...	15.048	6150505	47.948 ug/mlm
Target Compounds			
2) N-DECANE	4.543	6336504	49.055 ug/ml
3) N-DODECANE	6.725	6715178	49.290 ug/ml
4) N-TETRADECANE	8.562	6693457	48.905 ug/ml
5) N-HEXADECANE	10.177	6893301	48.850 ug/ml
6) N-OCTADECANE	11.627	7133085	48.628 ug/ml
7) N-EICOSANE	12.943	6969051	47.935 ug/ml
8) N-DOCOSANE	14.146	6822029	47.552 ug/ml
10) N-TETRACOSANE	15.254	6749836	47.259 ug/ml
11) N-HEXACOSANE	16.278	6604932	46.897 ug/ml
12) N-OCTACOSANE	17.230	6467728	46.187 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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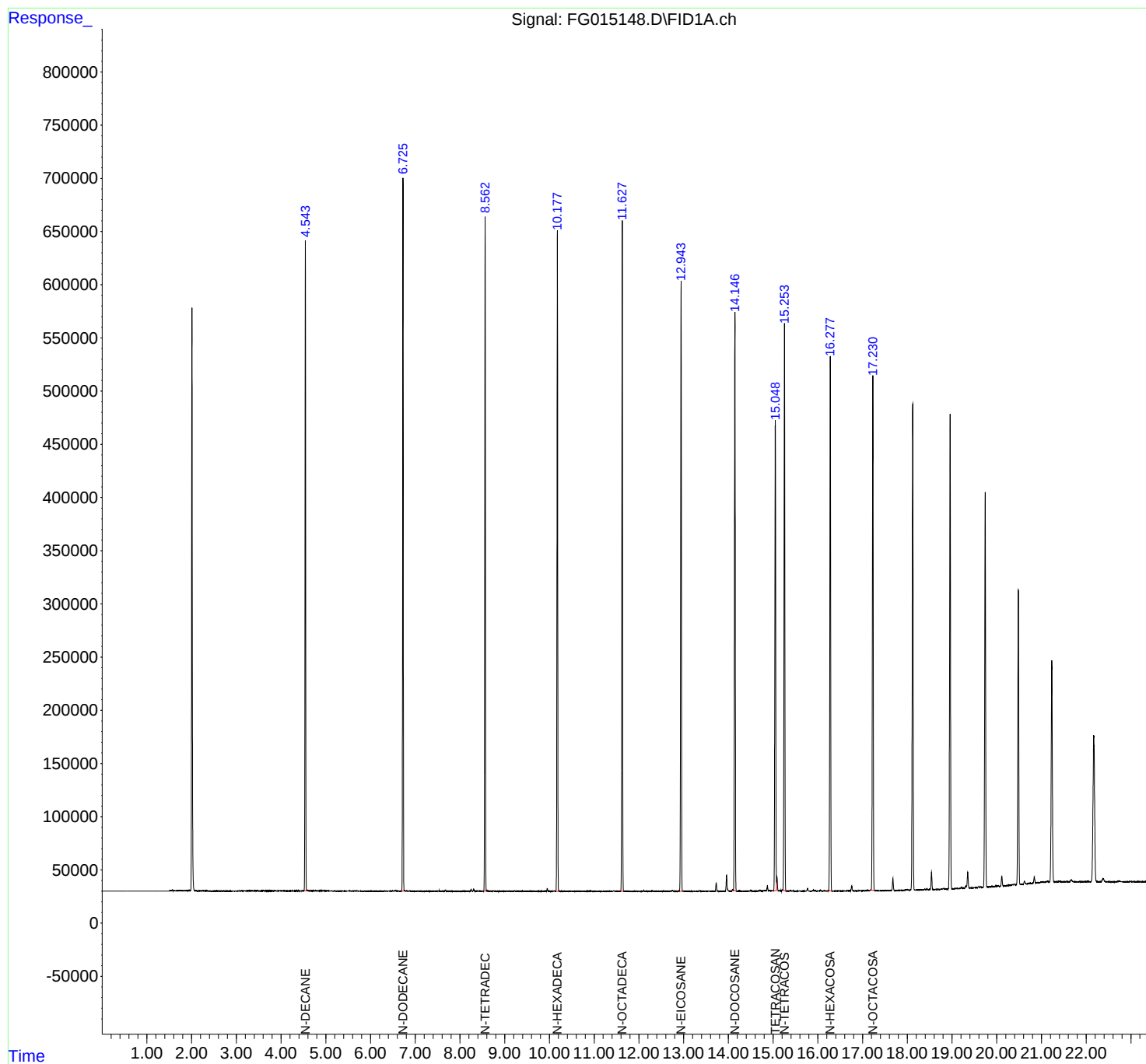
Instrument :
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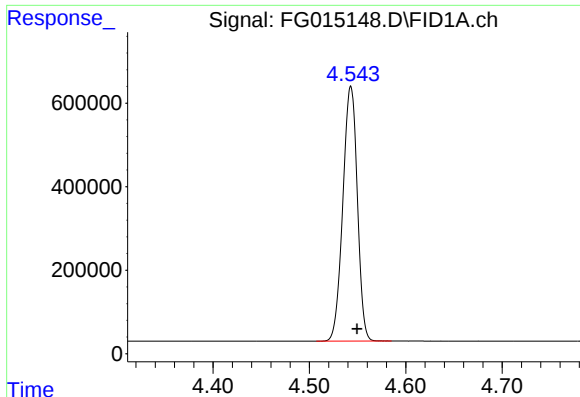
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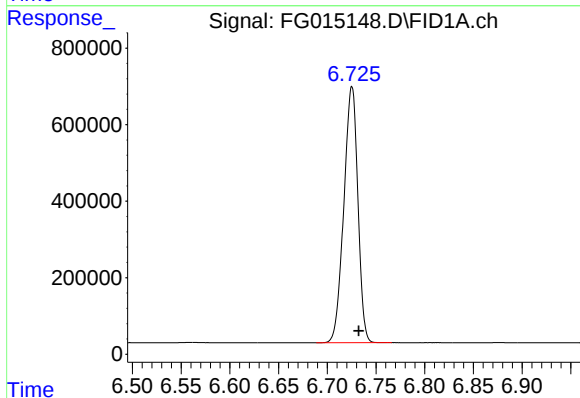
#2 N-DECANE

R.T.: 4.543 min
Delta R.T.: -0.006 min
Response: 6336504
Conc: 49.05 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

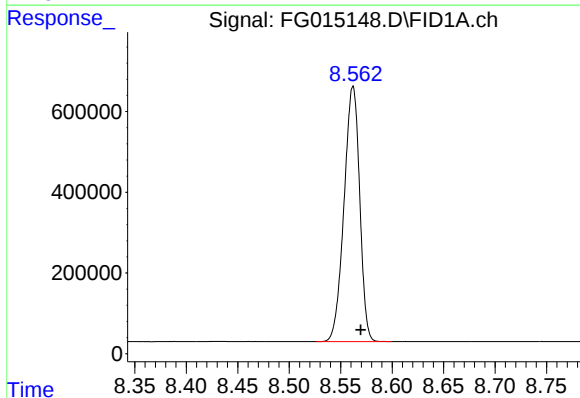
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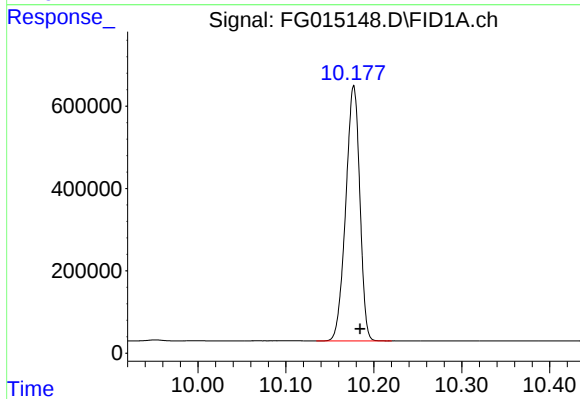
#3 N-DODECANE

R.T.: 6.725 min
Delta R.T.: -0.007 min
Response: 6715178
Conc: 49.29 ug/ml



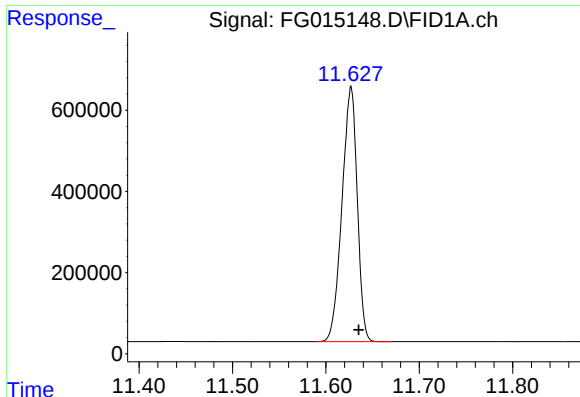
#4 N-TETRADECANE

R.T.: 8.562 min
Delta R.T.: -0.007 min
Response: 6693457
Conc: 48.91 ug/ml



#5 N-HEXADECANE

R.T.: 10.177 min
Delta R.T.: -0.007 min
Response: 6893301
Conc: 48.85 ug/ml



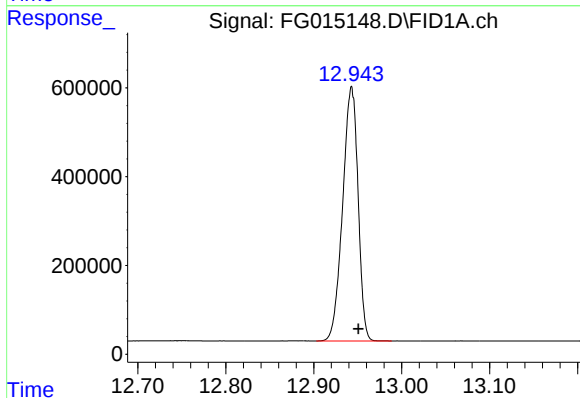
#6 N-OCTADECANE

R.T.: 11.627 min
Delta R.T.: -0.008 min
Response: 7133085
Conc: 48.63 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

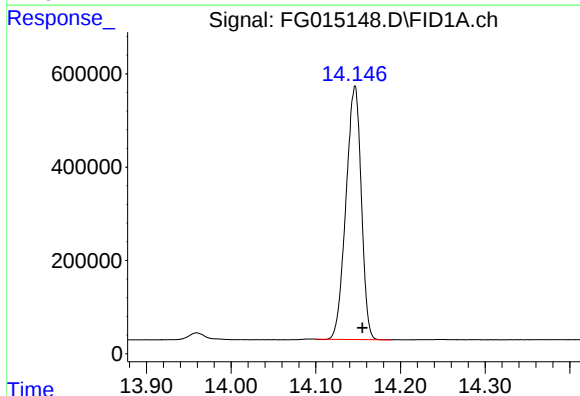
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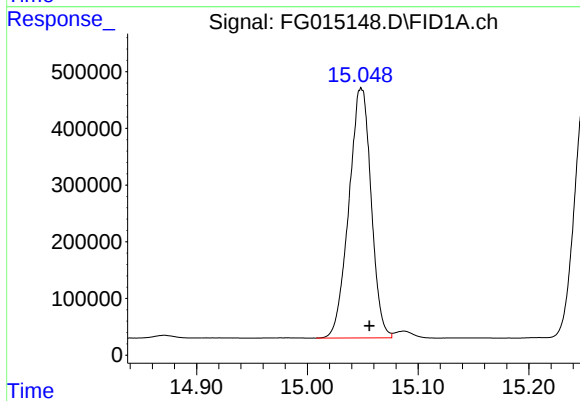
#7 N-EICOSANE

R.T.: 12.943 min
Delta R.T.: -0.008 min
Response: 6969051
Conc: 47.93 ug/ml



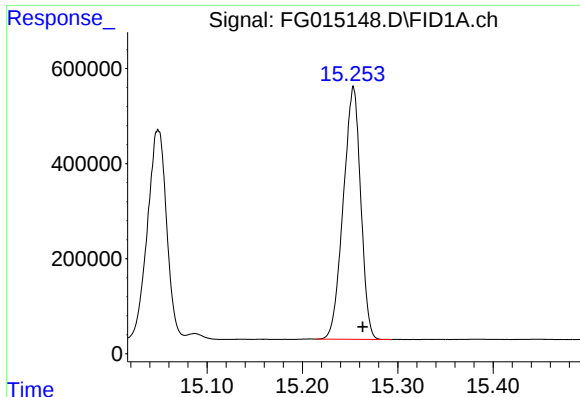
#8 N-DOCOSANE

R.T.: 14.146 min
Delta R.T.: -0.009 min
Response: 6822029
Conc: 47.55 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.048 min
Delta R.T.: -0.008 min
Response: 6150505
Conc: 47.95 ug/ml m



#10 N-TETRACOSANE

R.T.: 15.254 min
Delta R.T.: -0.010 min
Response: 6749836
Conc: 47.26 ug/ml

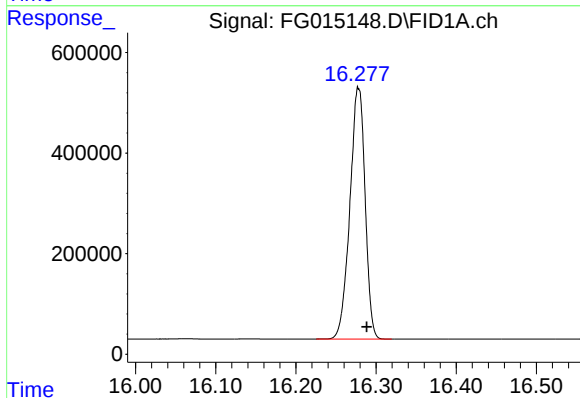
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

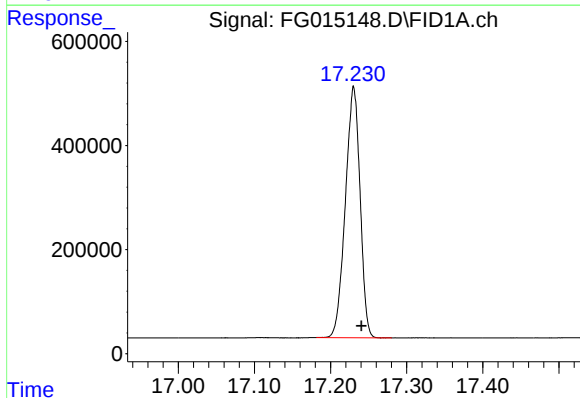
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#11 N-HEXACOSANE

R.T.: 16.278 min
Delta R.T.: -0.010 min
Response: 6604932
Conc: 46.90 ug/ml



#12 N-OCTACOSANE

R.T.: 17.230 min
Delta R.T.: -0.010 min
Response: 6467728
Conc: 46.19 ug/ml