

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF112525\
 Data File : FF016791.D
 Signal(s) : FID2B.ch
 Acq On : 25 Nov 2025 11:47
 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 :Rahul Chavli 11/26/2025
 Supervised By :mohammad ahmed 11/27/2025

Integration File: autoint1.e
 Quant Time: Nov 26 01:43:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102925.M
 Quant Title :
 QLast Update : Wed Oct 29 12:48:52 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...	15.045	4751011	45.475 ug/ml
Target Compounds			
2) N-DECANE	4.563	5486093	49.582 ug/ml
3) N-DODECANE	6.742	5513803	49.635 ug/ml
4) N-TETRADECANE	8.575	5544564	49.632 ug/ml
5) N-HEXADECANE	10.185	5523849	49.163 ug/ml
6) N-OCTADECANE	11.629	5612405	47.958 ug/ml
7) N-EICOSANE	12.942	5698591	46.669 ug/ml
8) N-DOCOSANE	14.143	5467905	45.870 ug/ml
10) N-TETRACOSANE	15.250	5357749	45.217 ug/ml
11) N-HEXACOSANE	16.274	5090745	44.314 ug/ml
12) N-OCTACOSANE	17.226	4968211	43.598 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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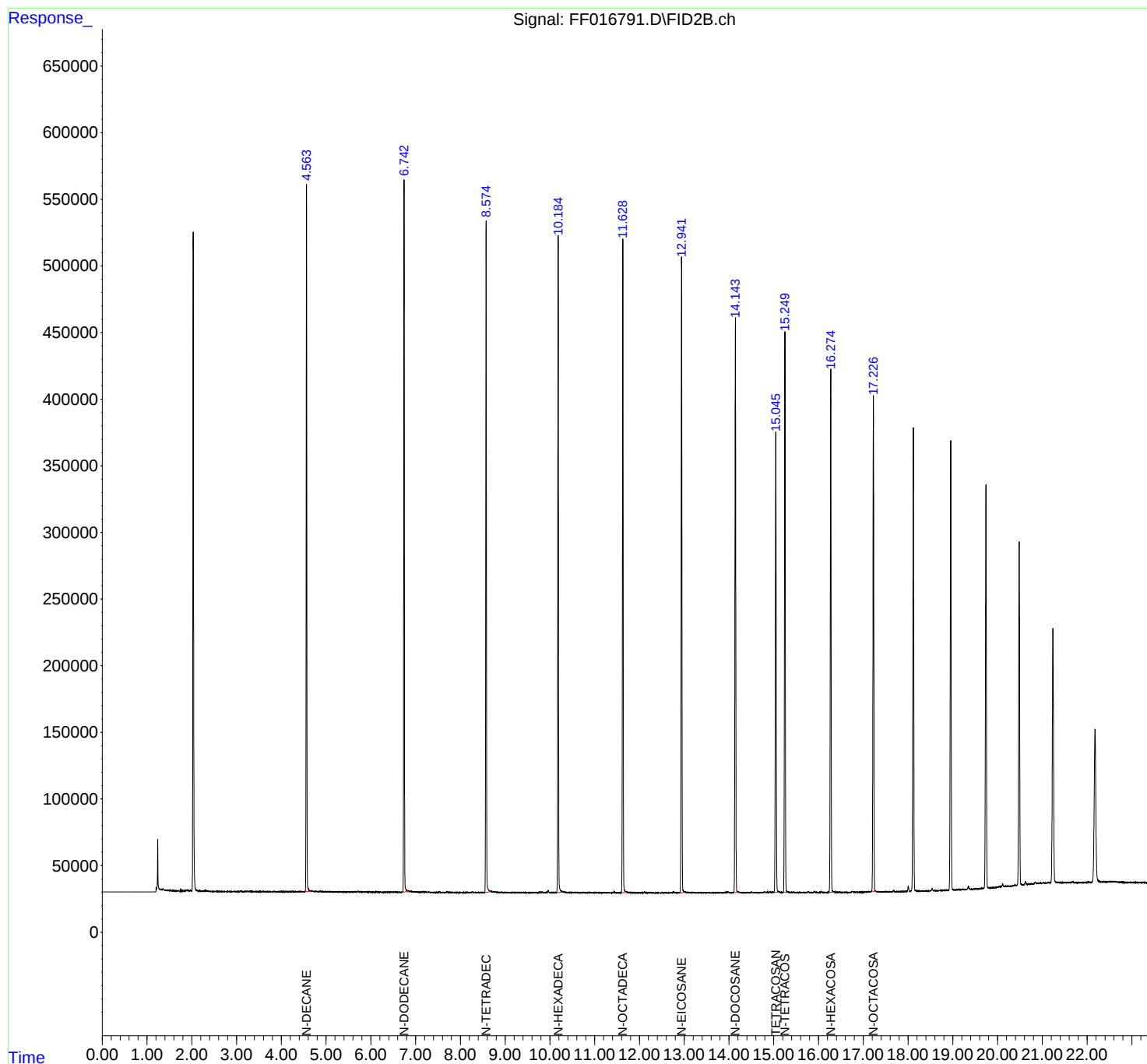
Instrument :
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50 PPM TRPH STD

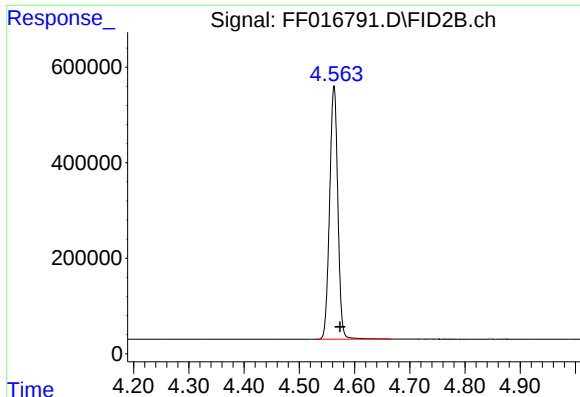
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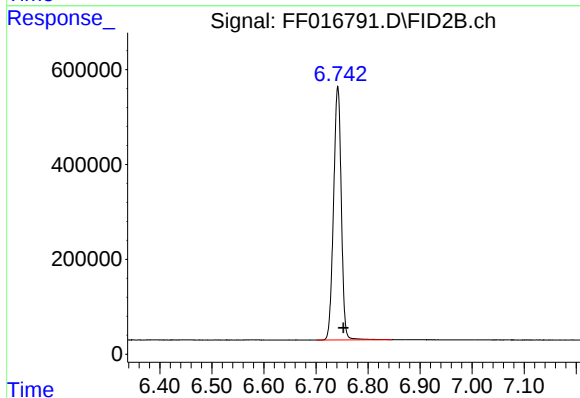
#2 N-DECANE

R.T.: 4.563 min
Delta R.T.: -0.011 min
Response: 5486093
Conc: 49.58 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

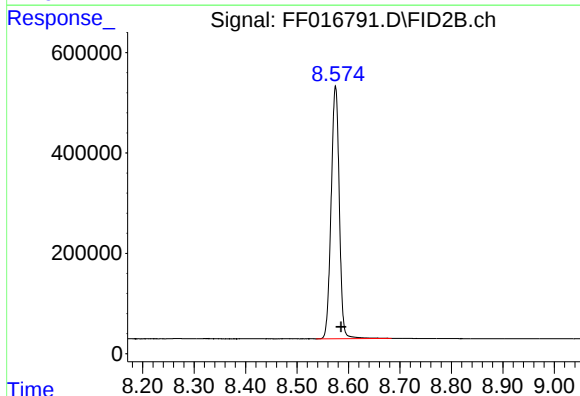
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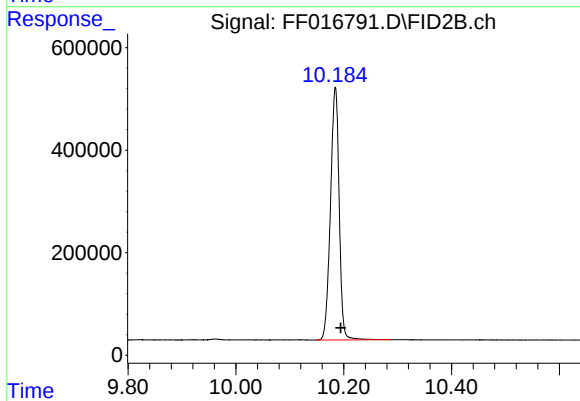
#3 N-DODECANE

R.T.: 6.742 min
Delta R.T.: -0.011 min
Response: 5513803
Conc: 49.64 ug/ml



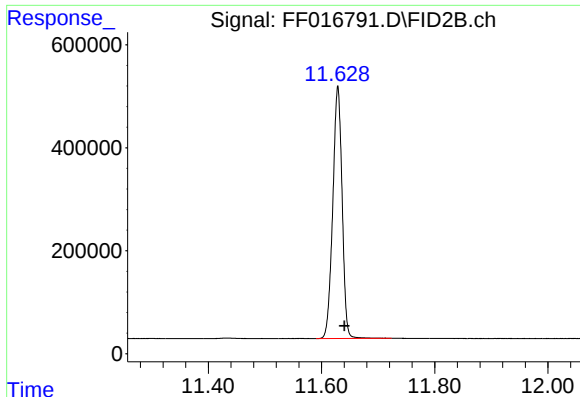
#4 N-TETRADECANE

R.T.: 8.575 min
Delta R.T.: -0.011 min
Response: 5544564
Conc: 49.63 ug/ml



#5 N-HEXADECANE

R.T.: 10.185 min
Delta R.T.: -0.010 min
Response: 5523849
Conc: 49.16 ug/ml



#6 N-OCTADECANE

R.T.: 11.629 min
Delta R.T.: -0.011 min
Response: 5612405
Conc: 47.96 ug/ml

Instrument :

FID_F

ClientSampleId :

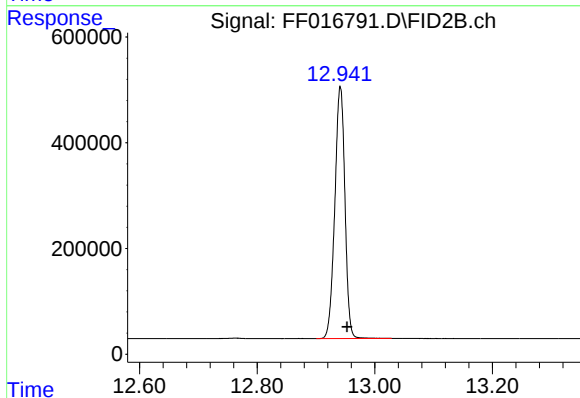
50 PPM TRPH STD

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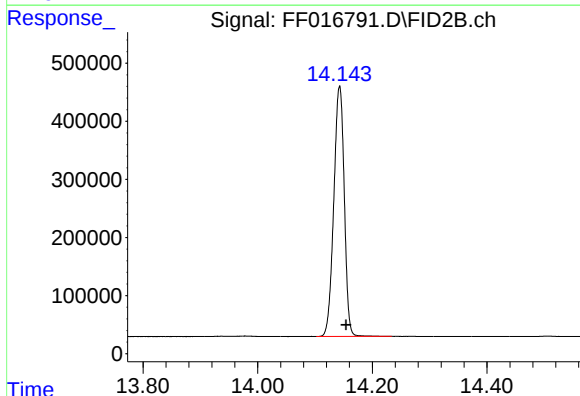
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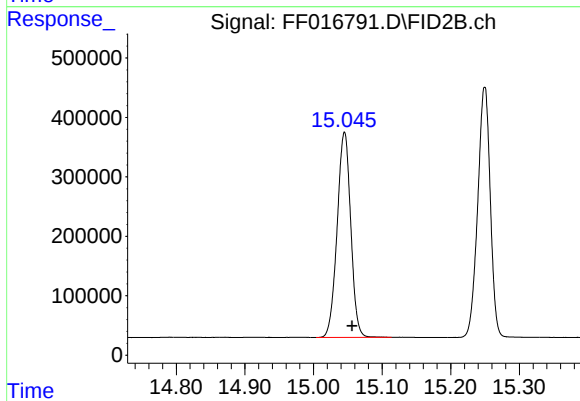
#7 N-EICOSANE

R.T.: 12.942 min
Delta R.T.: -0.011 min
Response: 5698591
Conc: 46.67 ug/ml



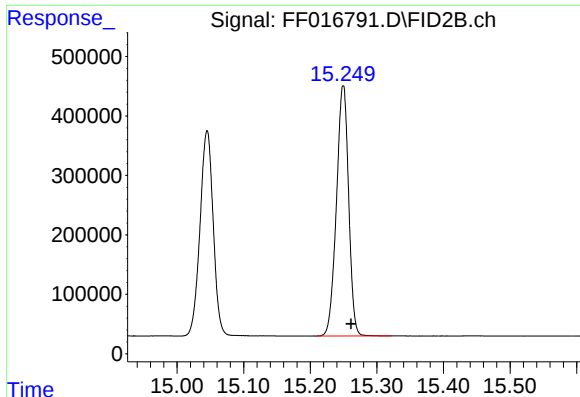
#8 N-DOCOSANE

R.T.: 14.143 min
Delta R.T.: -0.011 min
Response: 5467905
Conc: 45.87 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.045 min
Delta R.T.: -0.011 min
Response: 4751011
Conc: 45.48 ug/ml



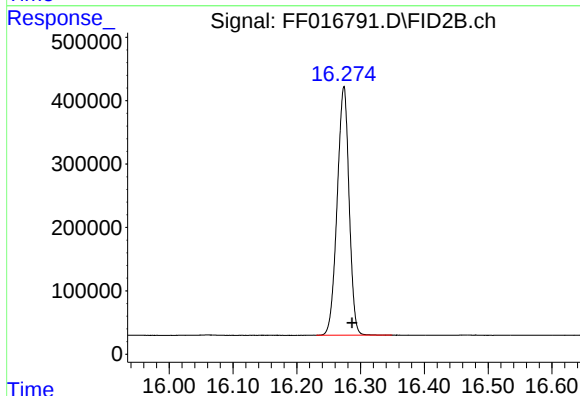
#10 N-TETRACOSANE

R.T.: 15.250 min
Delta R.T.: -0.012 min
Response: 5357749
Conc: 45.22 ug/ml

Instrument :
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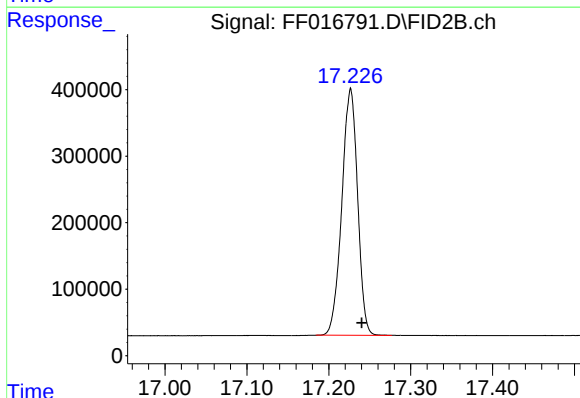
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#11 N-HEXACOSANE

R.T.: 16.274 min
Delta R.T.: -0.013 min
Response: 5090745
Conc: 44.31 ug/ml



#12 N-OCTACOSANE

R.T.: 17.226 min
Delta R.T.: -0.014 min
Response: 4968211
Conc: 43.60 ug/ml m