

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF071725\
 Data File : FF016181.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jul 2025 08:58
 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 :Yogesh Patel 07/18/2025
 Supervised By :mohammad ahmed 07/19/2025

Integration File: autoint1.e
 Quant Time: Jul 18 04:08:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF071025.M
 Quant Title :
 QLast Update : Thu Jul 10 12:51:11 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...	15.093	5498638	56.469 ug/ml
Target Compounds			
2) N-DECANE	4.607	6994328	56.200 ug/ml
3) N-DODECANE	6.787	7306410	59.960 ug/ml
4) N-TETRADECANE	8.621	7387034	61.445 ug/ml
5) N-HEXADECANE	10.230	7280039	62.585 ug/mlm
6) N-OCTADECANE	11.677	7205737	62.008 ug/ml
7) N-EICOSANE	12.991	6908572	59.072 ug/ml
8) N-DOCOSANE	14.192	6398734	57.068 ug/ml
10) N-TETRACOSANE	15.298	6145356	55.408 ug/ml
11) N-HEXACOSANE	16.322	5911188	55.051 ug/ml
12) N-OCTACOSANE	17.274	5790098	53.845 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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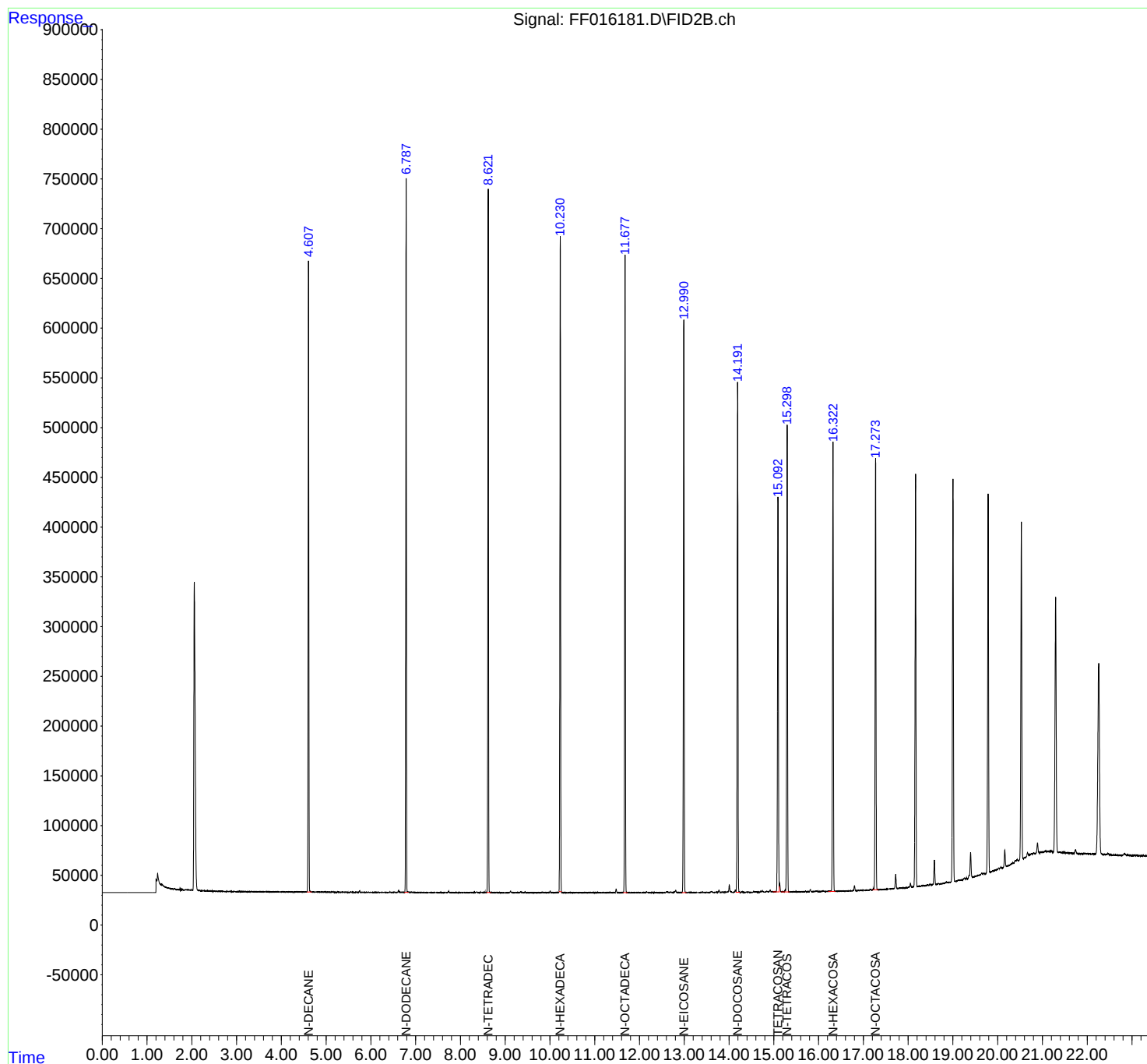
Instrument :
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ClientSampleId :
50 PPM TRPH STD

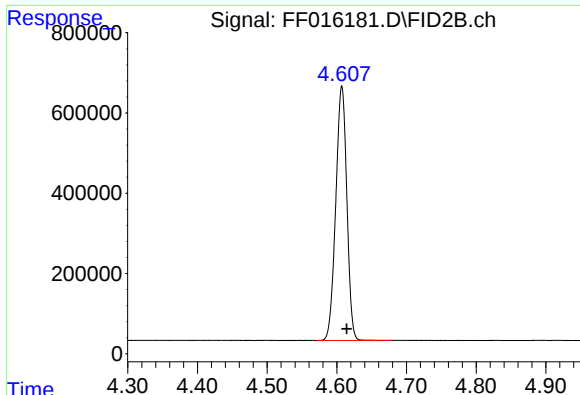
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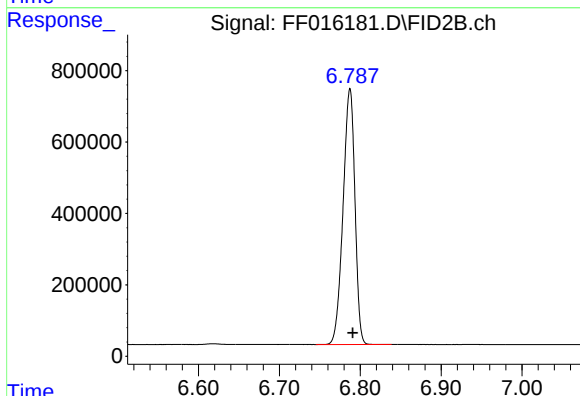
#2 N-DECANE

R.T.: 4.607 min
Delta R.T.: -0.007 min
Response: 6994328
Conc: 56.20 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

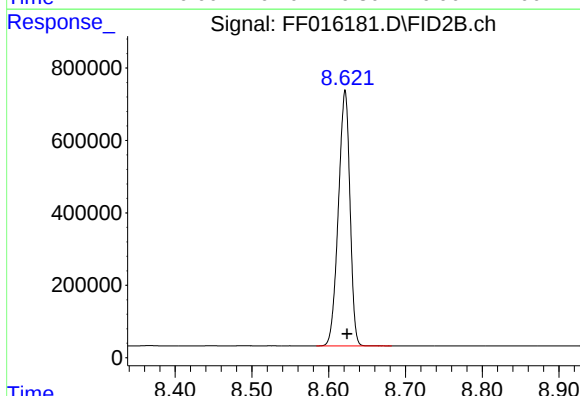
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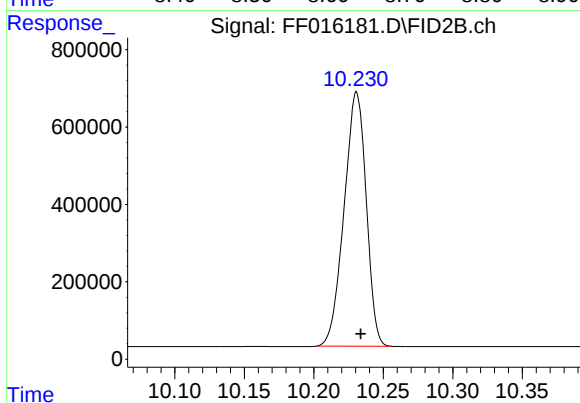
#3 N-DODECANE

R.T.: 6.787 min
Delta R.T.: -0.003 min
Response: 7306410
Conc: 59.96 ug/ml



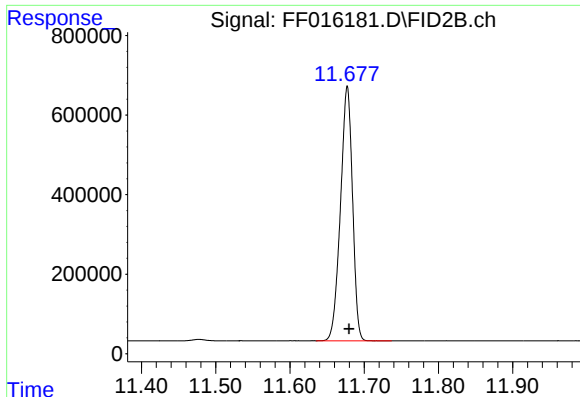
#4 N-TETRADECANE

R.T.: 8.621 min
Delta R.T.: -0.002 min
Response: 7387034
Conc: 61.45 ug/ml



#5 N-HEXADECANE

R.T.: 10.230 min
Delta R.T.: -0.003 min
Response: 7280039
Conc: 62.58 ug/ml m



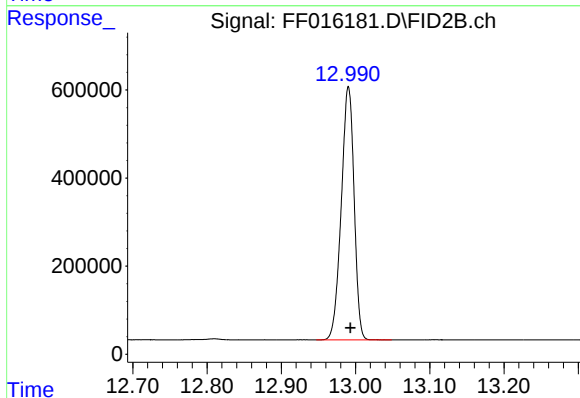
#6 N-OCTADECANE

R.T.: 11.677 min
Delta R.T.: -0.002 min
Response: 7205737
Conc: 62.01 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

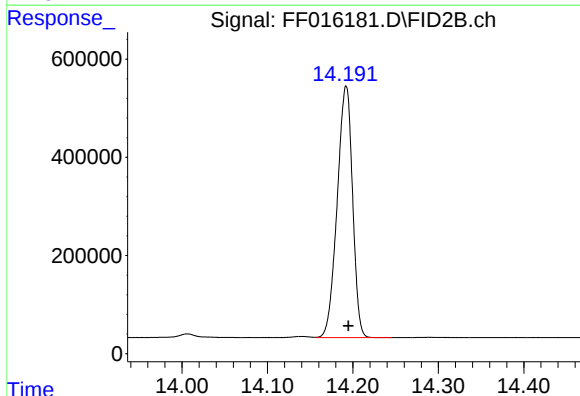
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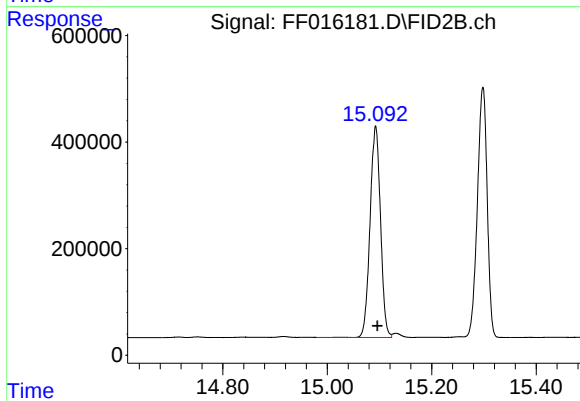
#7 N-EICOSANE

R.T.: 12.991 min
Delta R.T.: -0.003 min
Response: 6908572
Conc: 59.07 ug/ml



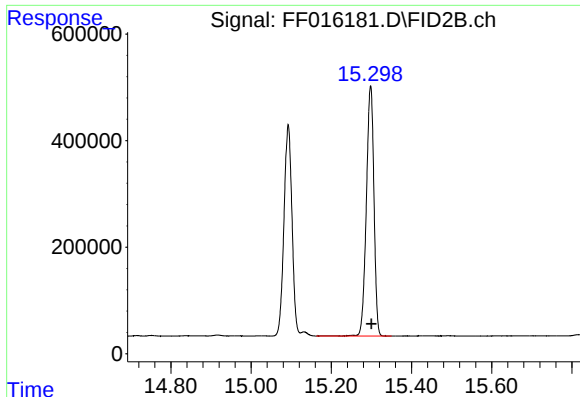
#8 N-DOCOSANE

R.T.: 14.192 min
Delta R.T.: -0.002 min
Response: 6398734
Conc: 57.07 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.093 min
Delta R.T.: -0.003 min
Response: 5498638
Conc: 56.47 ug/ml



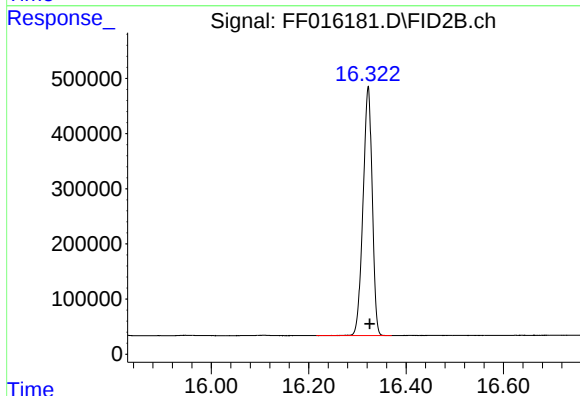
#10 N-TETRACOSANE

R.T.: 15.298 min
Delta R.T.: -0.002 min
Response: 6145356
Conc: 55.41 ug/ml

Instrument :
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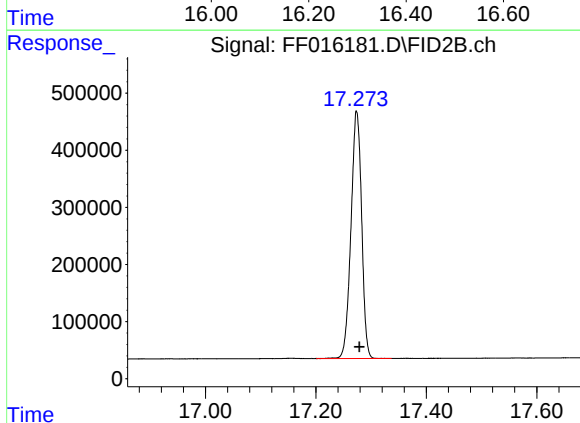
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#11 N-HEXACOSANE

R.T.: 16.322 min
Delta R.T.: -0.003 min
Response: 5911188
Conc: 55.05 ug/ml



#12 N-OCTACOSANE

R.T.: 17.274 min
Delta R.T.: -0.005 min
Response: 5790098
Conc: 53.84 ug/ml