

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE013125\
 Data File : FE052180.D
 Signal(s) : FID1B.ch
 Acq On : 31 Jan 2025 16:40
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 99 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/03/2025
 Supervised By :Ankita Jodhani 02/03/2025

Integration File: autoint1.e
 Quant Time: Feb 03 01:35:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE012325.M
 Quant Title :
 QLast Update : Fri Jan 24 03:06:38 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...	15.299	4338284	43.558 ug/mlm
Target Compounds			
2) N-DECANE	4.966	4142020	45.266 ug/ml
3) N-DODECANE	7.091	4467752	44.715 ug/ml
4) N-TETRADECANE	8.893	4500991	44.237 ug/ml
5) N-HEXADECANE	10.485	4687325	43.988 ug/ml
6) N-OCTADECANE	11.916	4920557	43.886 ug/ml
7) N-EICOSANE	13.216	4863865	43.669 ug/ml
8) N-DOCOSANE	14.407	4819958	43.411 ug/ml
10) N-TETRACOSANE	15.504	4835161	43.713 ug/ml
11) N-HEXACOSANE	16.518	4750373	43.578 ug/ml
12) N-OCTACOSANE	17.464	4722311	43.750 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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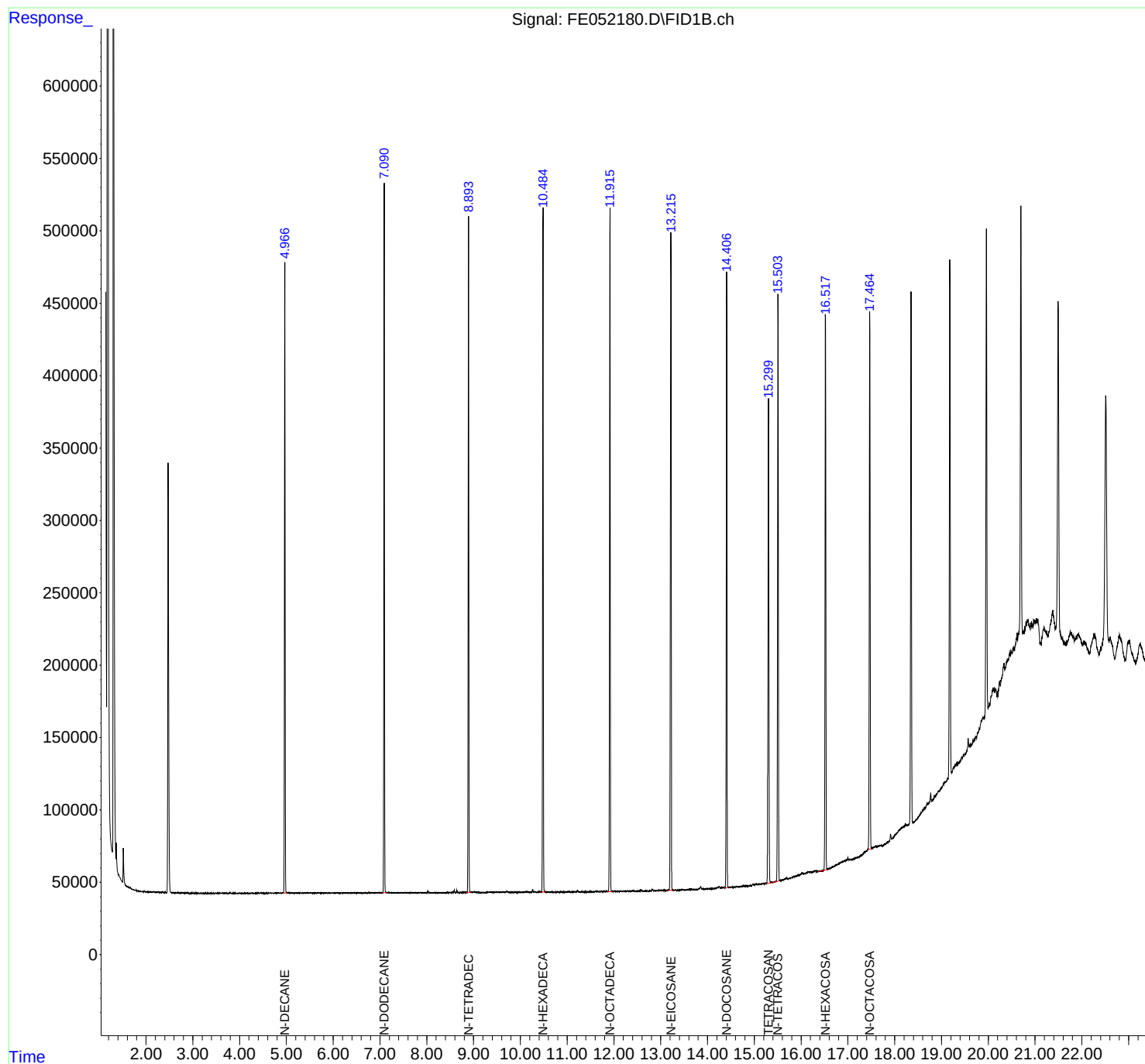
Instrument :
FID_E
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50 PPM TRPH STD

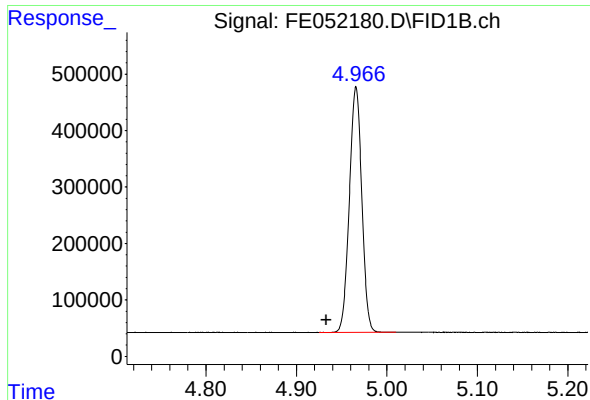
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Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





#2 N-DECANE

R.T.: 4.966 min
Delta R.T.: 0.033 min
Response: 4142020
Conc: 45.27 ug/ml

Instrument :

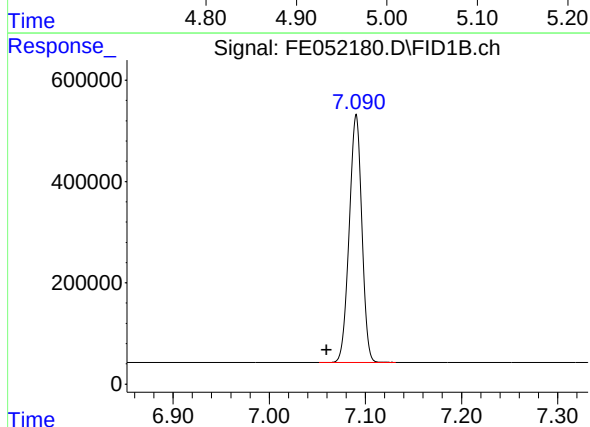
FID_E

ClientSampleId :

50 PPM TRPH STD

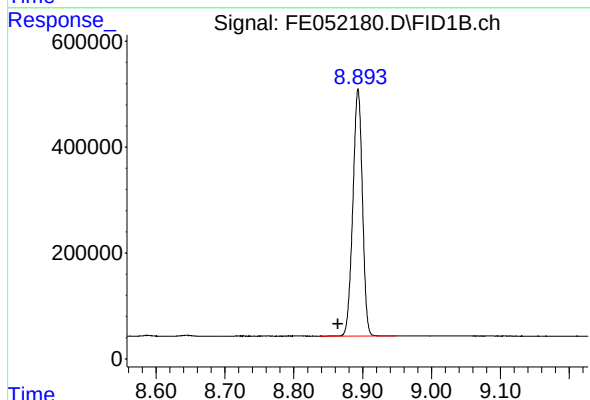
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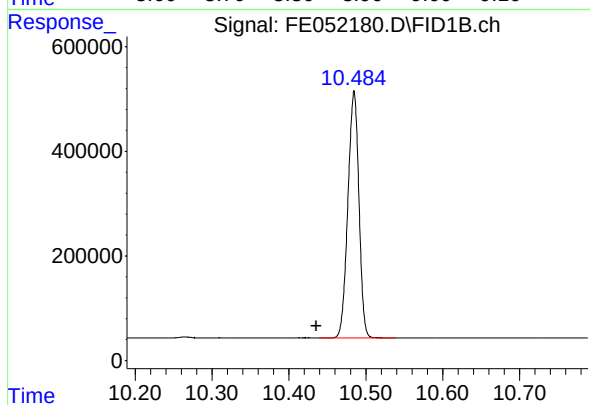
#3 N-DODECANE

R.T.: 7.091 min
Delta R.T.: 0.031 min
Response: 4467752
Conc: 44.72 ug/ml



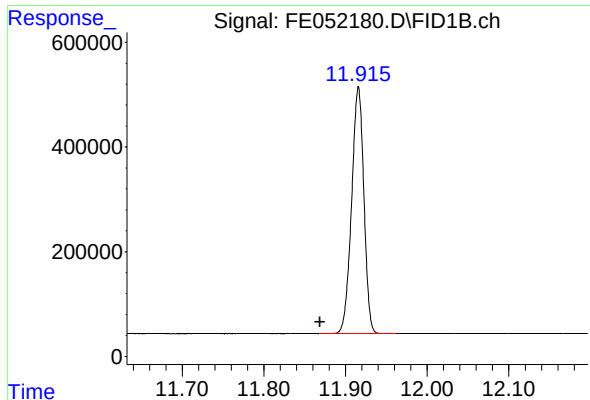
#4 N-TETRADECANE

R.T.: 8.893 min
Delta R.T.: 0.029 min
Response: 4500991
Conc: 44.24 ug/ml



#5 N-HEXADECANE

R.T.: 10.485 min
Delta R.T.: 0.049 min
Response: 4687325
Conc: 43.99 ug/ml



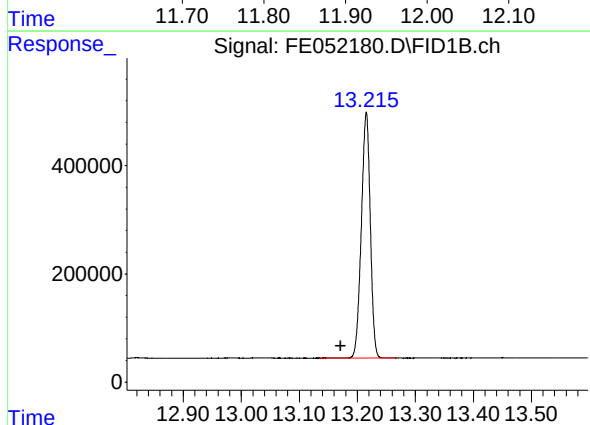
#6 N-OCTADECANE

R.T.: 11.916 min
Delta R.T.: 0.047 min
Response: 4920557
Conc: 43.89 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD

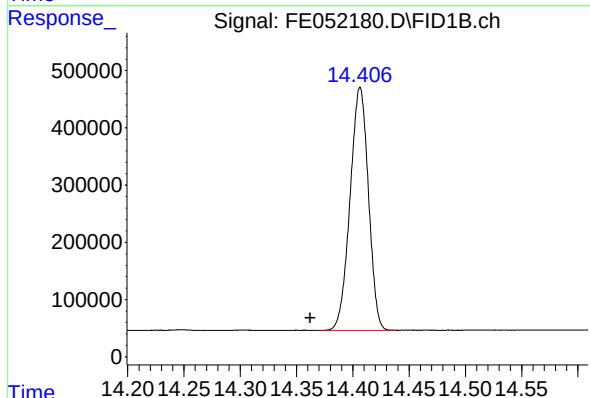
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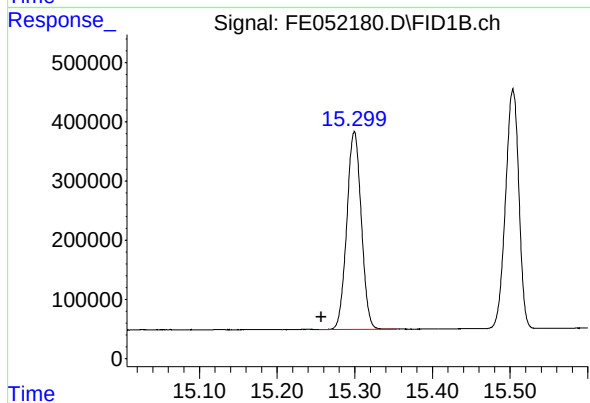
#7 N-EICOSANE

R.T.: 13.216 min
Delta R.T.: 0.045 min
Response: 4863865
Conc: 43.67 ug/ml



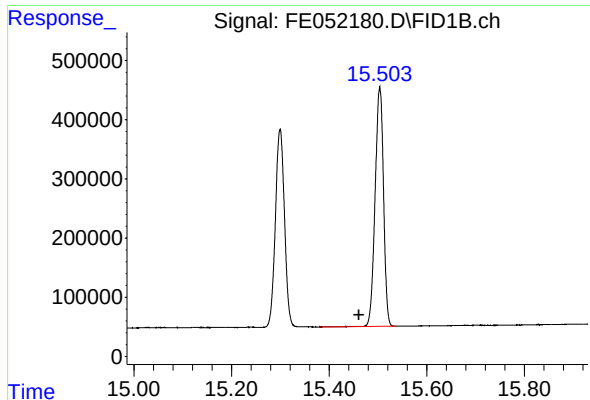
#8 N-DOCOSANE

R.T.: 14.407 min
Delta R.T.: 0.044 min
Response: 4819958
Conc: 43.41 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.299 min
Delta R.T.: 0.042 min
Response: 4338284
Conc: 43.56 ug/ml m



#10 N-TETRACOSANE

R.T.: 15.504 min
Delta R.T.: 0.043 min
Response: 4835161
Conc: 43.71 ug/ml

Instrument :

FID_E

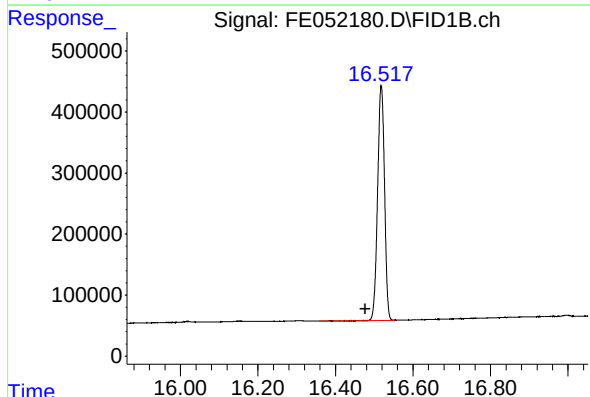
ClientSampleId :

50 PPM TRPH STD

Manual Integrations

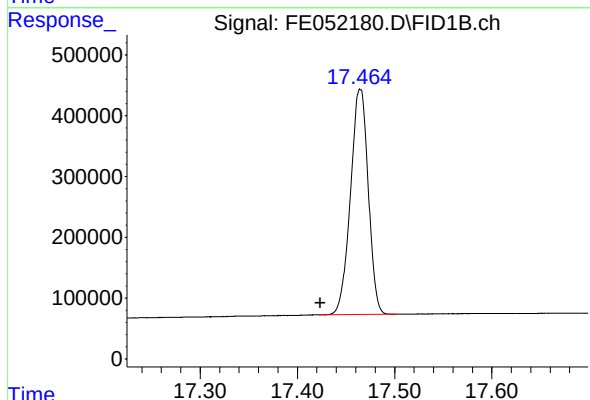
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#11 N-HEXACOSANE

R.T.: 16.518 min
Delta R.T.: 0.041 min
Response: 4750373
Conc: 43.58 ug/ml



#12 N-OCTACOSANE

R.T.: 17.464 min
Delta R.T.: 0.040 min
Response: 4722311
Conc: 43.75 ug/ml m