

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE013125\
 Data File : FE052190.D
 Signal(s) : FID1B.ch
 Acq On : 31 Jan 2025 22:12
 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 01:36:59 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...	15.300	4365755	43.833 ug/ml
Target Compounds			
2) N-DECANE	4.963	4159030	45.452 ug/ml
3) N-DODECANE	7.088	4494120	44.979 ug/ml
4) N-TETRADECANE	8.892	4533699	44.558 ug/ml
5) N-HEXADECANE	10.483	4731275	44.401 ug/ml
6) N-OCTADECANE	11.914	4963662	44.270 ug/ml
7) N-EICOSANE	13.215	4892146	43.923 ug/ml
8) N-DOCOSANE	14.406	4844018	43.628 ug/ml
10) N-TETRACOSANE	15.503	4865994	43.992 ug/ml
11) N-HEXACOSANE	16.518	4778892	43.839 ug/ml
12) N-OCTACOSANE	17.462	4739663	43.910 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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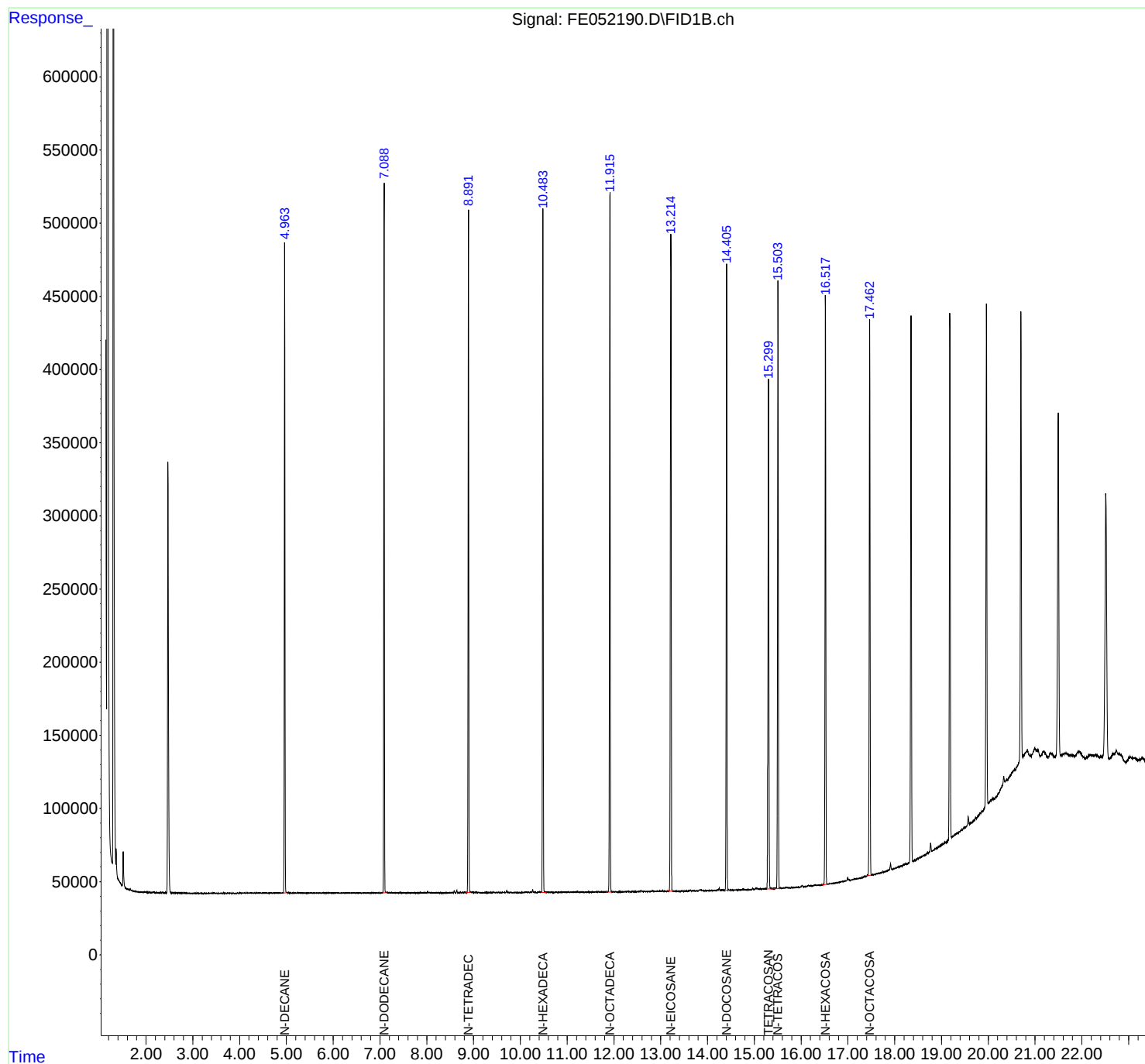
Instrument :
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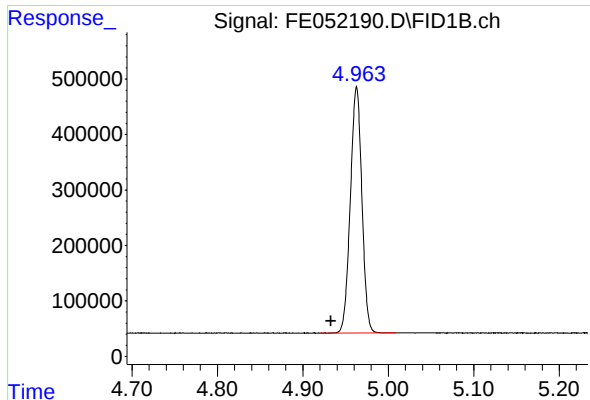
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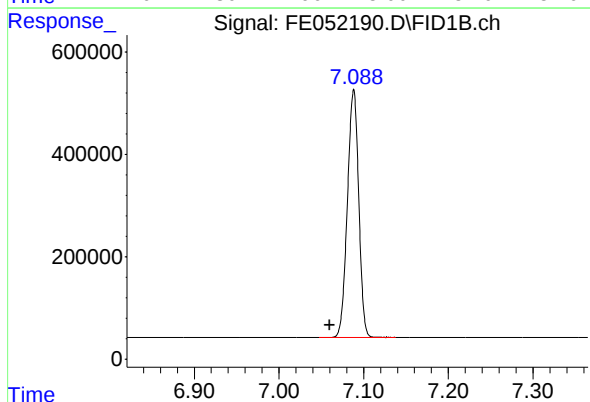
#2 N-DECANE

R.T.: 4.963 min
Delta R.T.: 0.030 min
Response: 4159030
Conc: 45.45 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD

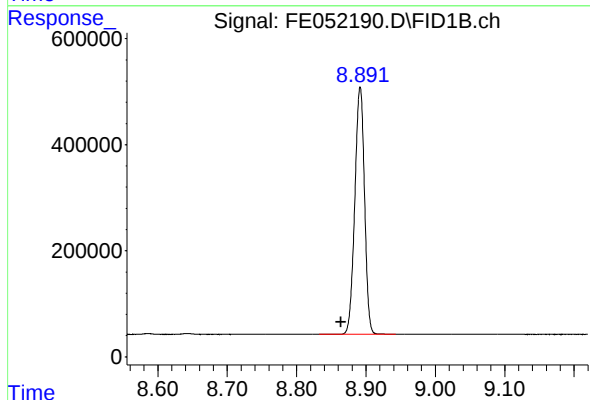
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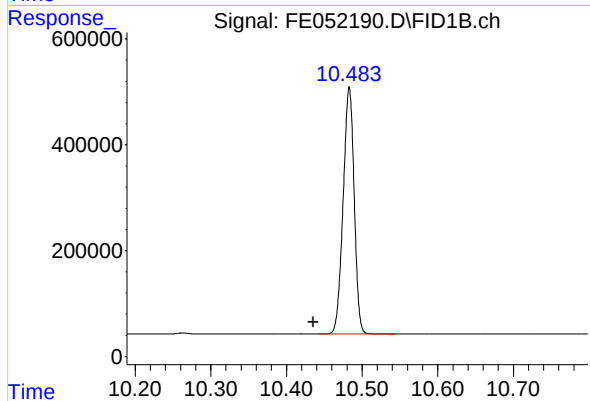
#3 N-DODECANE

R.T.: 7.088 min
Delta R.T.: 0.028 min
Response: 4494120
Conc: 44.98 ug/ml



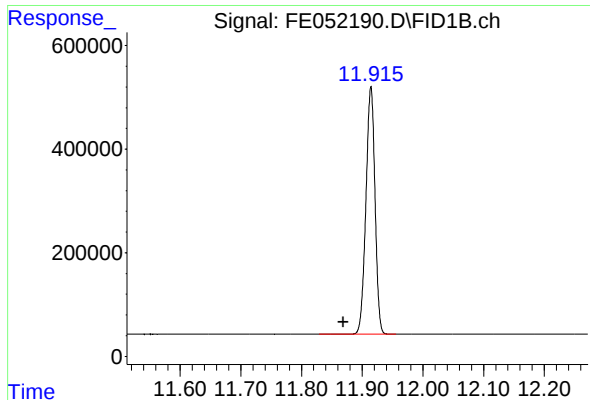
#4 N-TETRADECANE

R.T.: 8.892 min
Delta R.T.: 0.028 min
Response: 4533699
Conc: 44.56 ug/ml



#5 N-HEXADECANE

R.T.: 10.483 min
Delta R.T.: 0.048 min
Response: 4731275
Conc: 44.40 ug/ml



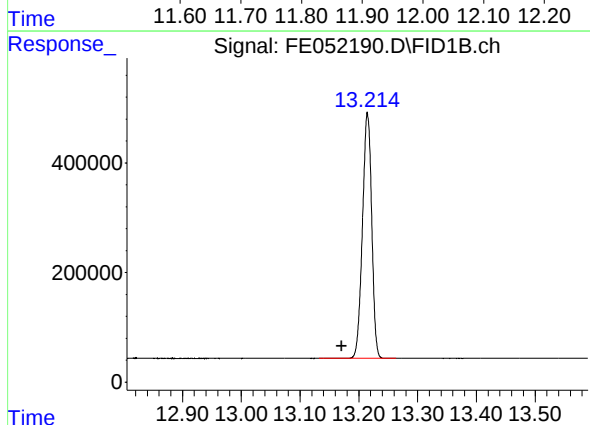
#6 N-OCTADECANE

R.T.: 11.914 min
Delta R.T.: 0.045 min
Response: 4963662
Conc: 44.27 ug/ml

Instrument :
FID_E
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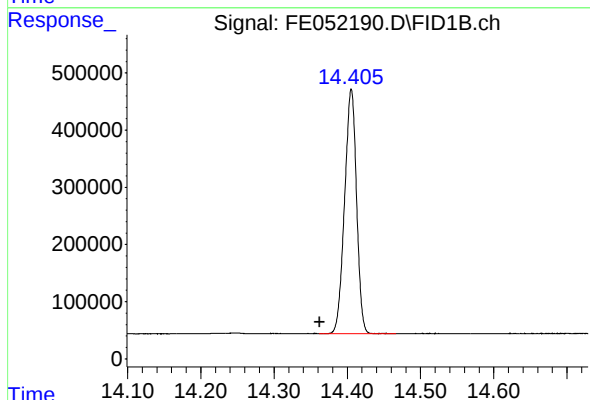
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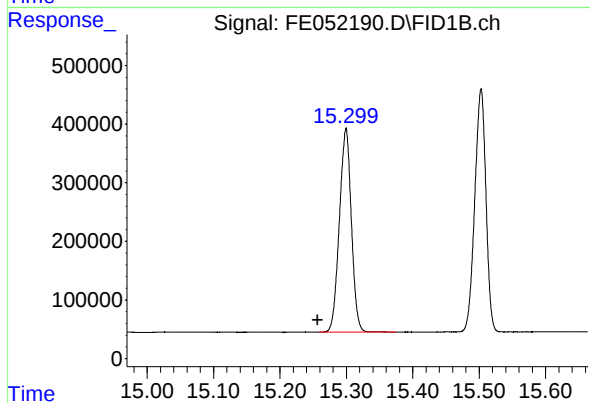
#7 N-EICOSANE

R.T.: 13.215 min
Delta R.T.: 0.044 min
Response: 4892146
Conc: 43.92 ug/ml



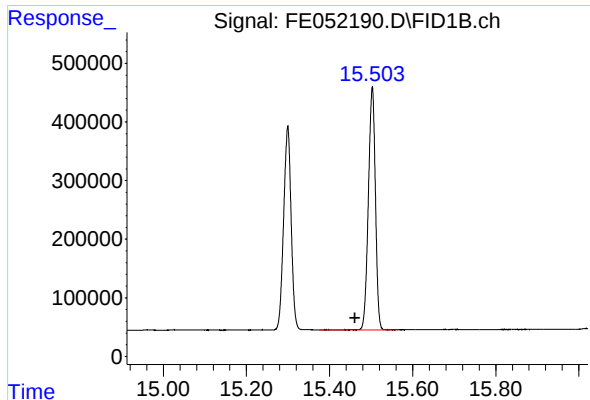
#8 N-DOCOSANE

R.T.: 14.406 min
Delta R.T.: 0.043 min
Response: 4844018
Conc: 43.63 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.300 min
Delta R.T.: 0.043 min
Response: 4365755
Conc: 43.83 ug/ml



#10 N-TETRACOSANE

R.T.: 15.503 min
Delta R.T.: 0.042 min
Response: 4865994
Conc: 43.99 ug/ml

Instrument :

FID_E

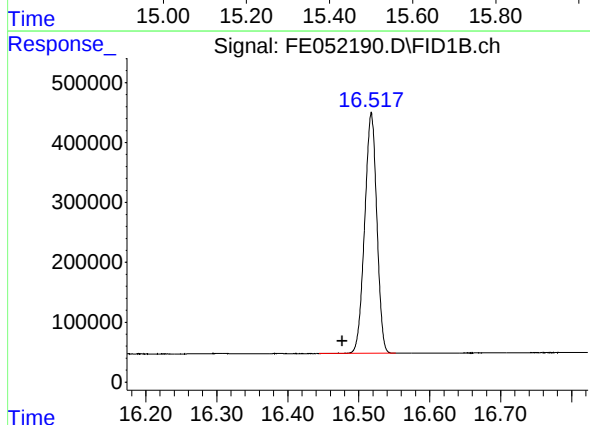
ClientSampleId :

50 PPM TRPH STD

Manual Integrations

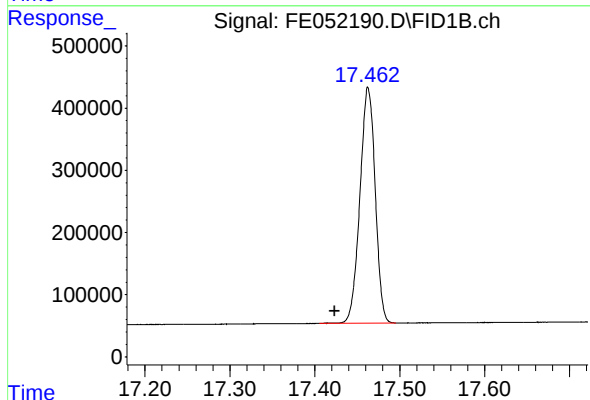
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#11 N-HEXACOSANE

R.T.: 16.518 min
Delta R.T.: 0.041 min
Response: 4778892
Conc: 43.84 ug/ml



#12 N-OCTACOSANE

R.T.: 17.462 min
Delta R.T.: 0.038 min
Response: 4739663
Conc: 43.91 ug/ml m