

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012925\
 Data File : FE052152.D
 Signal(s) : FID1B.ch
 Acq On : 30 Jan 2025 11:00
 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 01/31/2025
 Supervised By :Ankita Jodhani 01/31/2025

Integration File: autoint1.e
 Quant Time: Jan 31 02:00:49 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...	15.273	4388967	44.067 ug/ml
Target Compounds			
2) N-DECANE	4.936	4154331	45.400 ug/ml
3) N-DODECANE	7.063	4475840	44.796 ug/ml
4) N-TETRADECANE	8.866	4514219	44.367 ug/ml
5) N-HEXADECANE	10.458	4719750	44.292 ug/ml
6) N-OCTADECANE	11.890	4959940	44.237 ug/ml
7) N-EICOSANE	13.190	4907257	44.059 ug/ml
8) N-DOCOSANE	14.380	4873758	43.896 ug/ml
10) N-TETRACOSANE	15.478	4871879	44.045 ug/ml
11) N-HEXACOSANE	16.493	4804084	44.070 ug/ml
12) N-OCTACOSANE	17.438	4751710	44.022 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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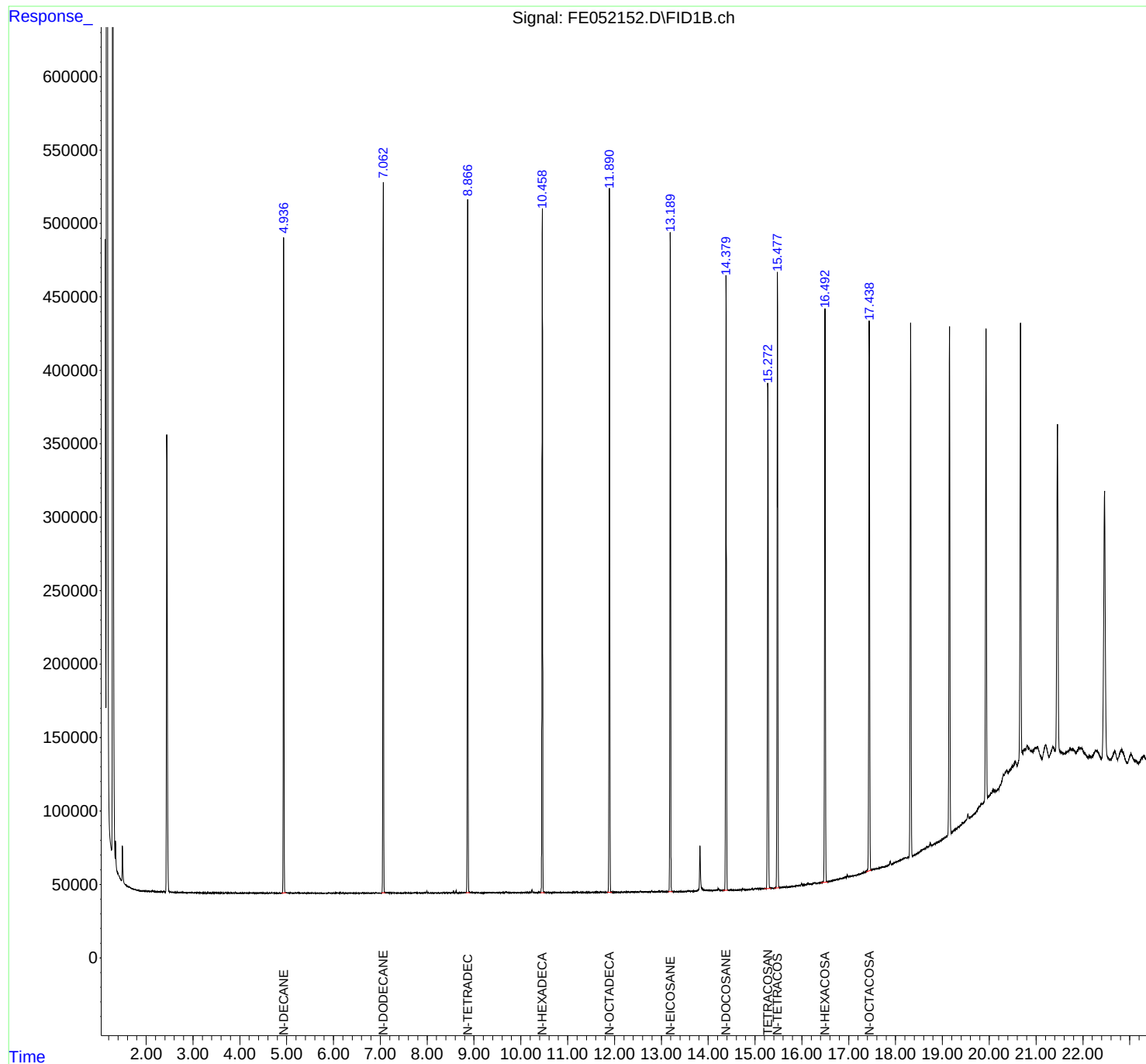
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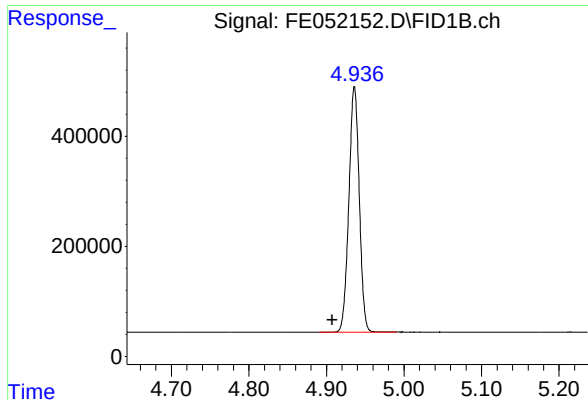
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#2 N-DECANE

R.T.: 4.936 min
Delta R.T.: 0.029 min
Response: 4154331
Conc: 45.40 ug/ml

Instrument :

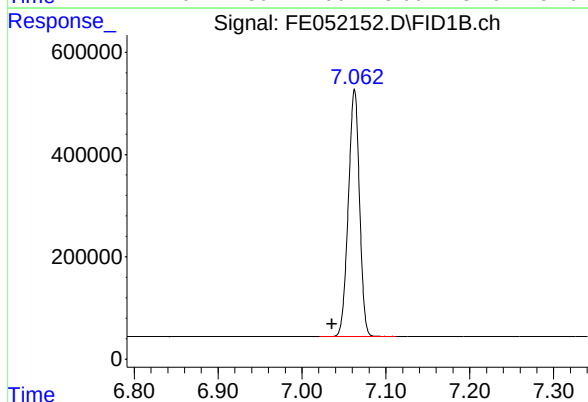
FID_E

ClientSampleId :

50 PPM TRPH STD

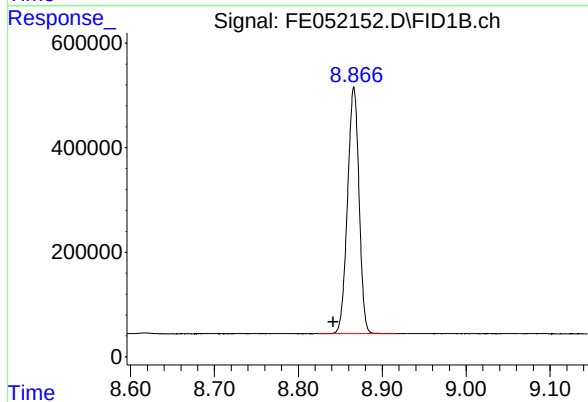
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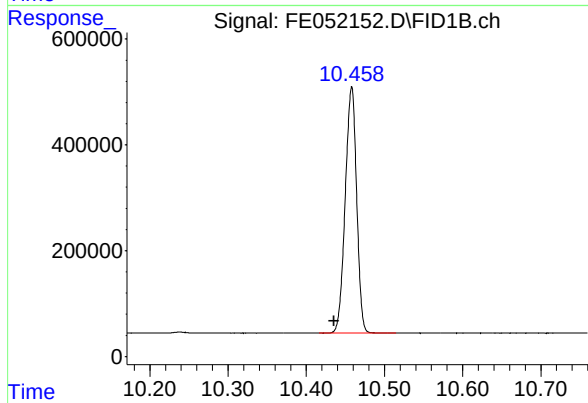
#3 N-DODECANE

R.T.: 7.063 min
Delta R.T.: 0.027 min
Response: 4475840
Conc: 44.80 ug/ml



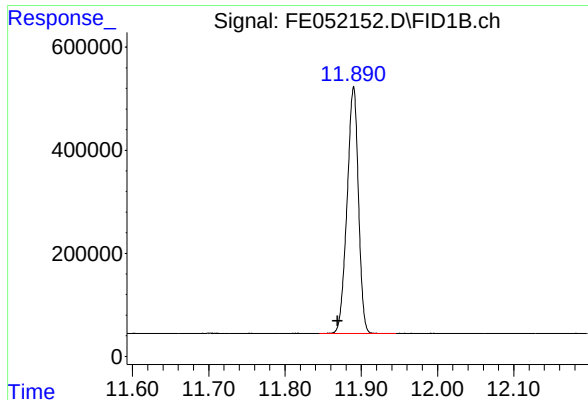
#4 N-TETRADECANE

R.T.: 8.866 min
Delta R.T.: 0.025 min
Response: 4514219
Conc: 44.37 ug/ml



#5 N-HEXADECANE

R.T.: 10.458 min
Delta R.T.: 0.023 min
Response: 4719750
Conc: 44.29 ug/ml



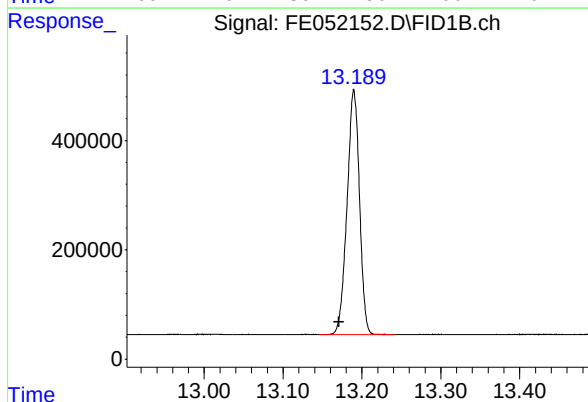
#6 N-OCTADECANE

R.T.: 11.890 min
Delta R.T.: 0.021 min
Response: 4959940
Conc: 44.24 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD

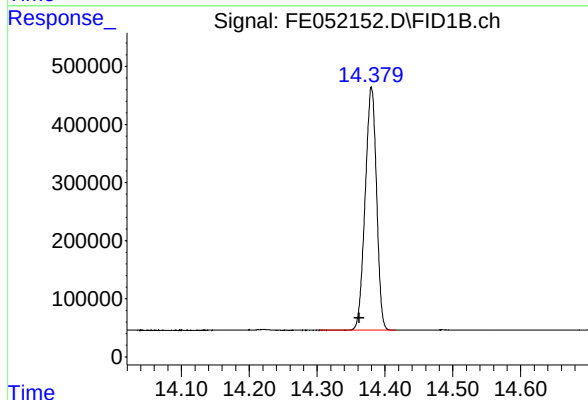
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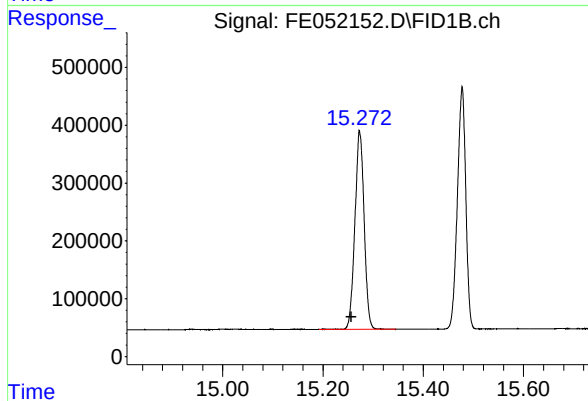
#7 N-EICOSANE

R.T.: 13.190 min
Delta R.T.: 0.019 min
Response: 4907257
Conc: 44.06 ug/ml



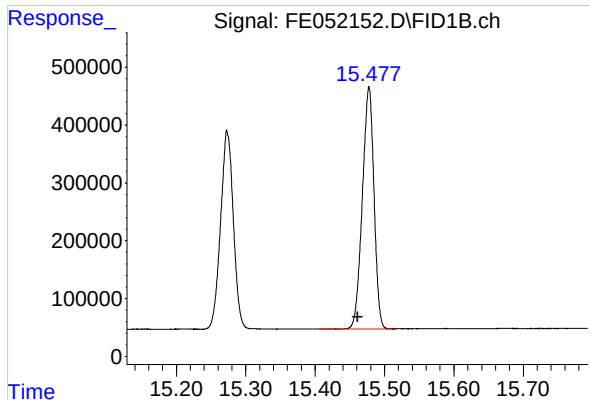
#8 N-DOCOSANE

R.T.: 14.380 min
Delta R.T.: 0.018 min
Response: 4873758
Conc: 43.90 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.273 min
Delta R.T.: 0.016 min
Response: 4388967
Conc: 44.07 ug/ml



#10 N-TETRACOSANE

R.T.: 15.478 min
Delta R.T.: 0.017 min
Response: 4871879
Conc: 44.05 ug/ml

Instrument :

FID_E

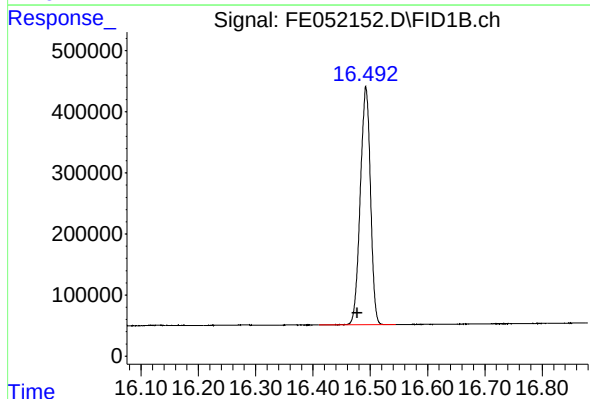
ClientSampleId :

50 PPM TRPH STD

Manual Integrations

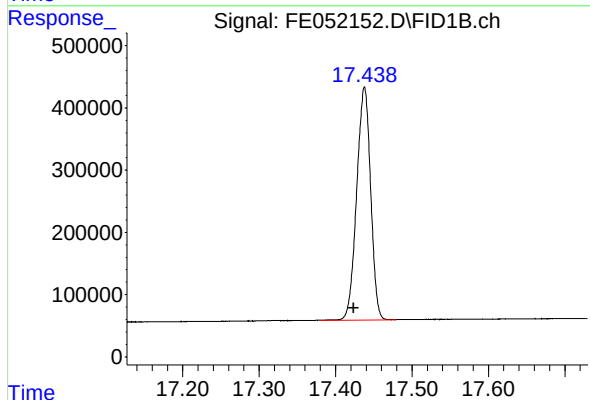
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#11 N-HEXACOSANE

R.T.: 16.493 min
Delta R.T.: 0.016 min
Response: 4804084
Conc: 44.07 ug/ml



#12 N-OCTACOSANE

R.T.: 17.438 min
Delta R.T.: 0.014 min
Response: 4751710
Conc: 44.02 ug/ml m