

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012925\
 Data File : FE052140.D
 Signal(s) : FID1B.ch
 Acq On : 30 Jan 2025 03:58
 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 01/30/2025
 Supervised By :Ankita Jodhani 01/30/2025

Integration File: autoint1.e
 Quant Time: Jan 30 06:58:47 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...	15.245	4680249	46.991 ug/mlm
Target Compounds			
2) N-DECANE	4.901	4328980	47.309 ug/ml
3) N-DODECANE	7.029	4727051	47.311 ug/ml
4) N-TETRADECANE	8.835	4812264	47.296 ug/ml
5) N-HEXADECANE	10.428	5045030	47.345 ug/ml
6) N-OCTADECANE	11.860	5310251	47.362 ug/ml
7) N-EICOSANE	13.162	5256437	47.194 ug/ml
8) N-DOCOSANE	14.353	5215823	46.976 ug/ml
10) N-TETRACOSANE	15.451	5191439	46.934 ug/ml
11) N-HEXACOSANE	16.466	5102096	46.804 ug/ml
12) N-OCTACOSANE	17.412	5027534	46.577 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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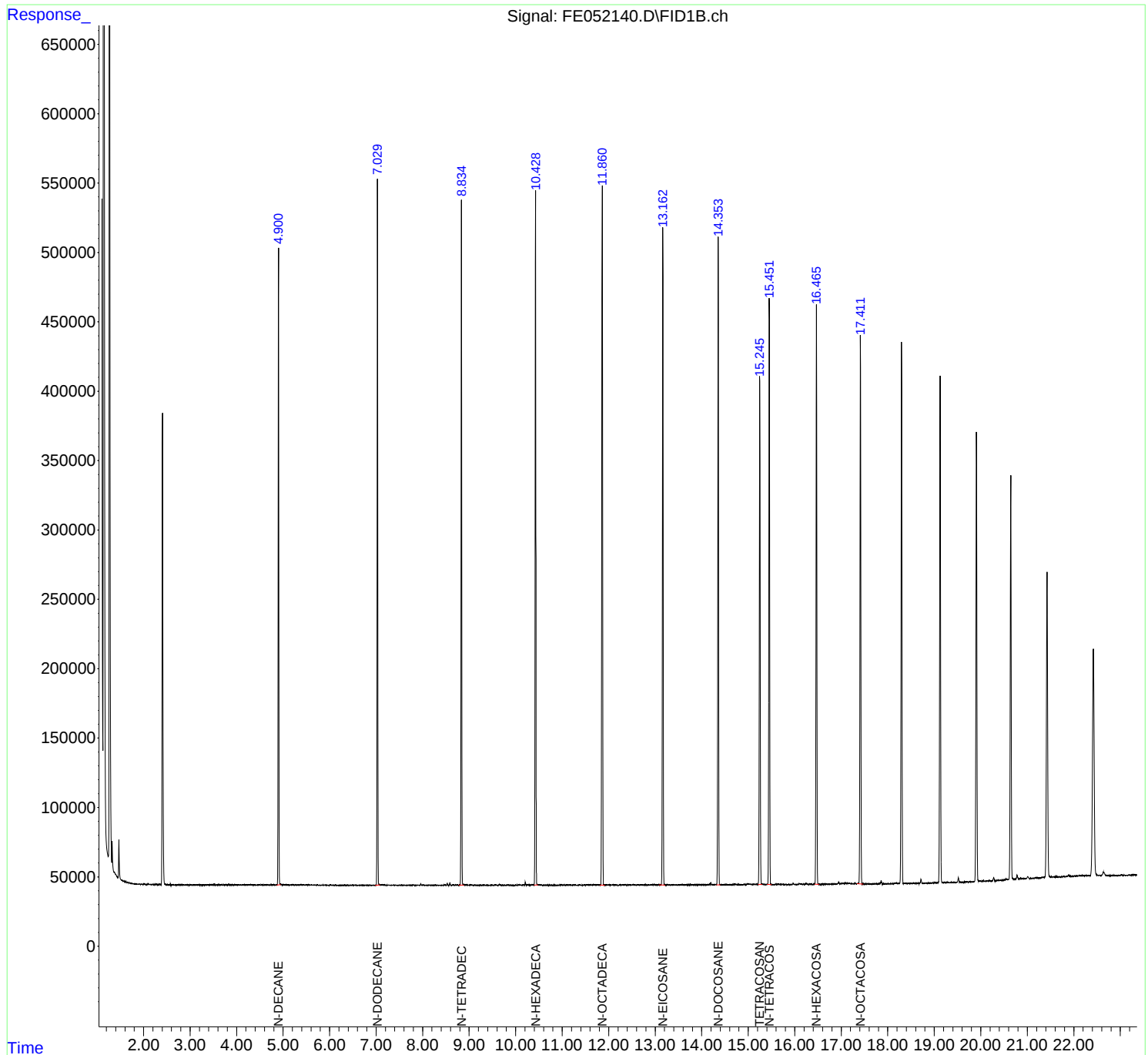
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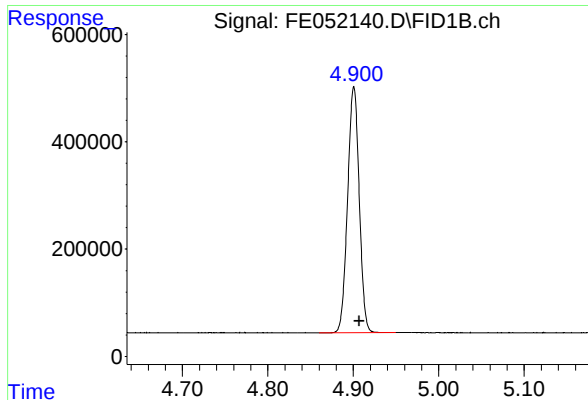
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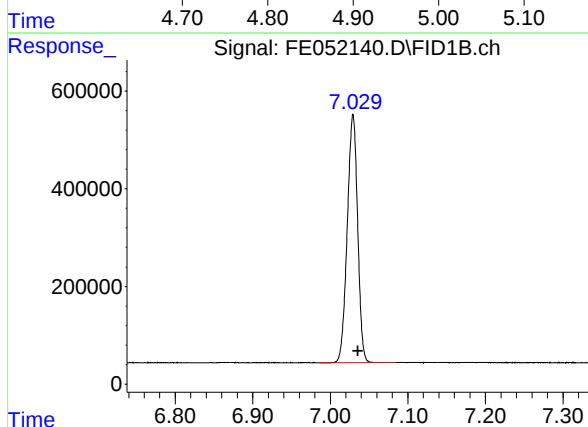
#2 N-DECANE

R.T.: 4.901 min
Delta R.T.: -0.007 min
Response: 4328980
Conc: 47.31 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD

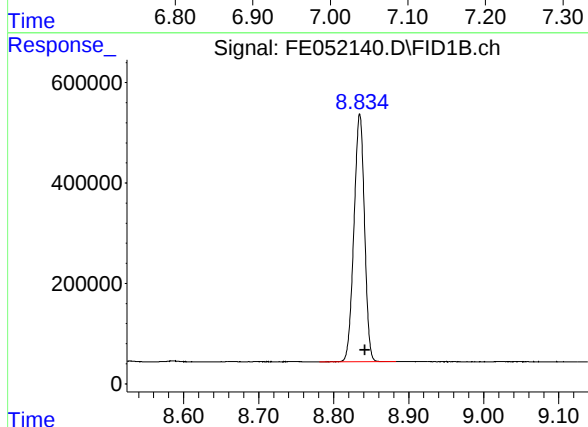
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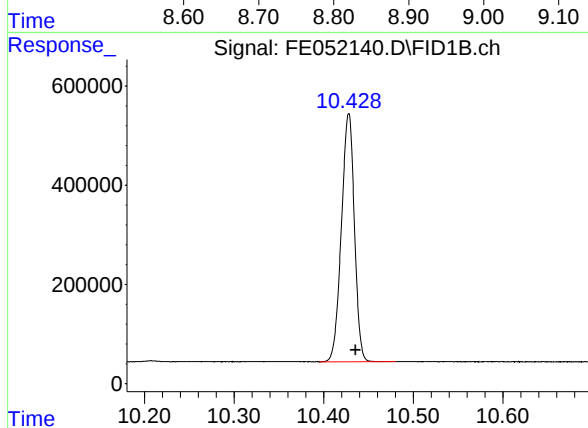
#3 N-DODECANE

R.T.: 7.029 min
Delta R.T.: -0.006 min
Response: 4727051
Conc: 47.31 ug/ml



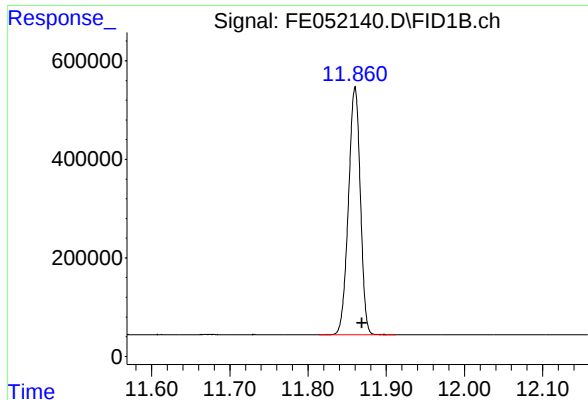
#4 N-TETRADECANE

R.T.: 8.835 min
Delta R.T.: -0.007 min
Response: 4812264
Conc: 47.30 ug/ml



#5 N-HEXADECANE

R.T.: 10.428 min
Delta R.T.: -0.008 min
Response: 5045030
Conc: 47.35 ug/ml



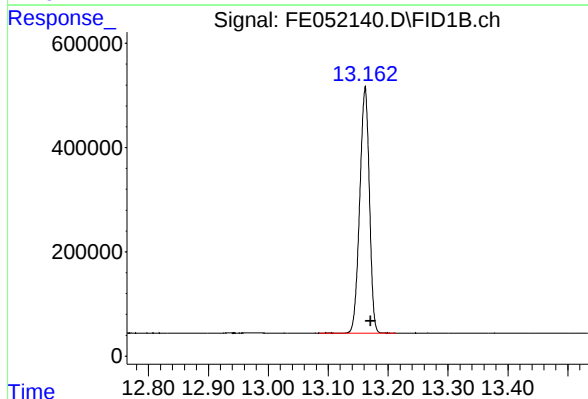
#6 N-OCTADECANE

R.T.: 11.860 min
Delta R.T.: -0.009 min
Response: 5310251
Conc: 47.36 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD

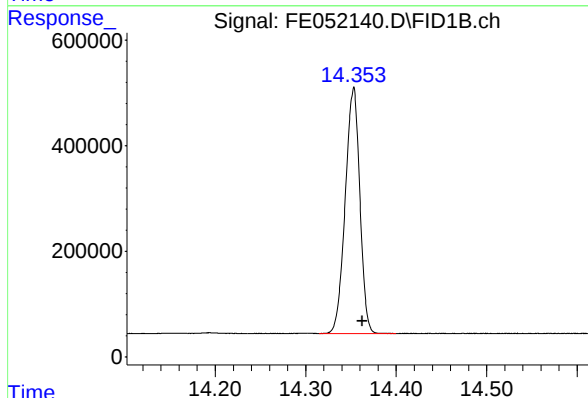
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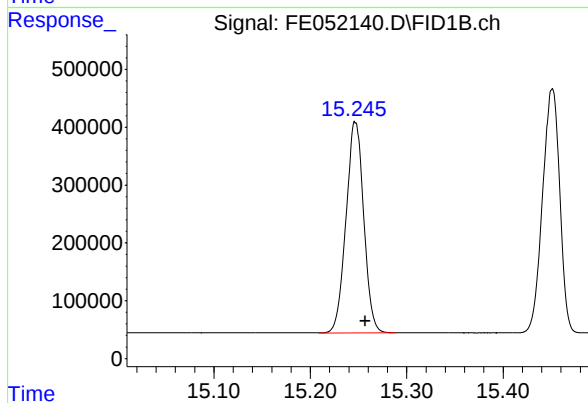
#7 N-EICOSANE

R.T.: 13.162 min
Delta R.T.: -0.009 min
Response: 5256437
Conc: 47.19 ug/ml



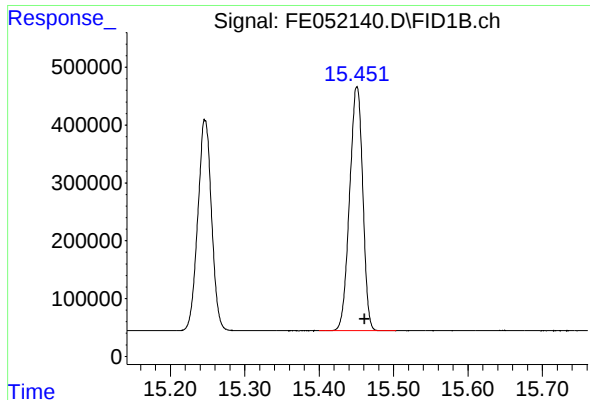
#8 N-DOCOSANE

R.T.: 14.353 min
Delta R.T.: -0.009 min
Response: 5215823
Conc: 46.98 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.245 min
Delta R.T.: -0.012 min
Response: 4680249
Conc: 46.99 ug/ml m



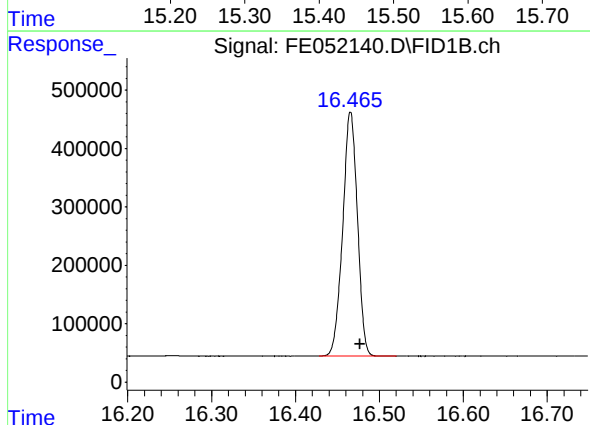
#10 N-TETRACOSANE

R.T.: 15.451 min
Delta R.T.: -0.010 min
Response: 5191439
Conc: 46.93 ug/ml

Instrument : FID_E
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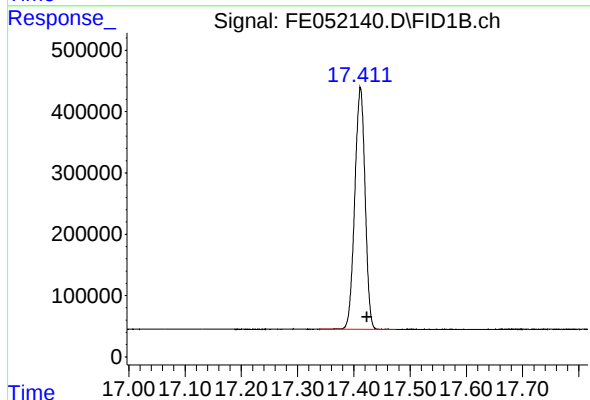
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#11 N-HEXACOSANE

R.T.: 16.466 min
Delta R.T.: -0.011 min
Response: 5102096
Conc: 46.80 ug/ml



#12 N-OCTACOSANE

R.T.: 17.412 min
Delta R.T.: -0.012 min
Response: 5027534
Conc: 46.58 ug/ml