

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102622\
 Data File : FE038326.D
 Signal(s) : FID1B.ch
 Acq On : 26 Oct 2022 17:35
 Operator : YP\AJ
 Sample : 4400 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 4400 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/27/2022
 Supervised By :Ankita Jodhani 10/28/2022

Integration File: autoint1.e
 Quant Time: Oct 27 06:35:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\C44-FE102522.M
 Quant Title :
 QLast Update : Wed Oct 26 13:27:57 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20m x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
13) S TETRACOSANE-d50 (SURR...	15.069	6081678	47.067 ug/ml
Target Compounds			
1) N-OCTANE	2.117	35635483	388.002 ug/ml
2) N-NONANE	3.389	37595172	393.756 ug/ml
3) N-DECANE	4.649	58234183	594.433 ug/ml
4) N-UNDECANE	5.785	58895440	594.459 ug/ml
5) N-DODECANE	6.815	59555005	593.083 ug/ml
6) N-TETRADECANE	8.641	60221976	587.948 ug/ml
7) N-HEXADECANE	10.245	50063589	485.774 ug/ml
8) N-OCTADECANE	11.676	25478926	240.994 ug/ml
9) N-EICOSANE	12.976	10083885	95.518 ug/ml
10) N-TETRACOSANE	15.275	9941460	94.117 ug/ml
11) N-OCTACOSANE	17.238	4822316	46.612 ug/ml
12) N-DOTRIACONTANE	18.954	4550080	46.338 ug/ml
14) N-HEXATRIACONTANE	20.475	4195957	49.337 ug/ml
15) N-TETRACONTANE	22.151	3286243	57.026 ug/ml
16) N-TETRTETRACOOCTANE	25.013	1836528	64.478 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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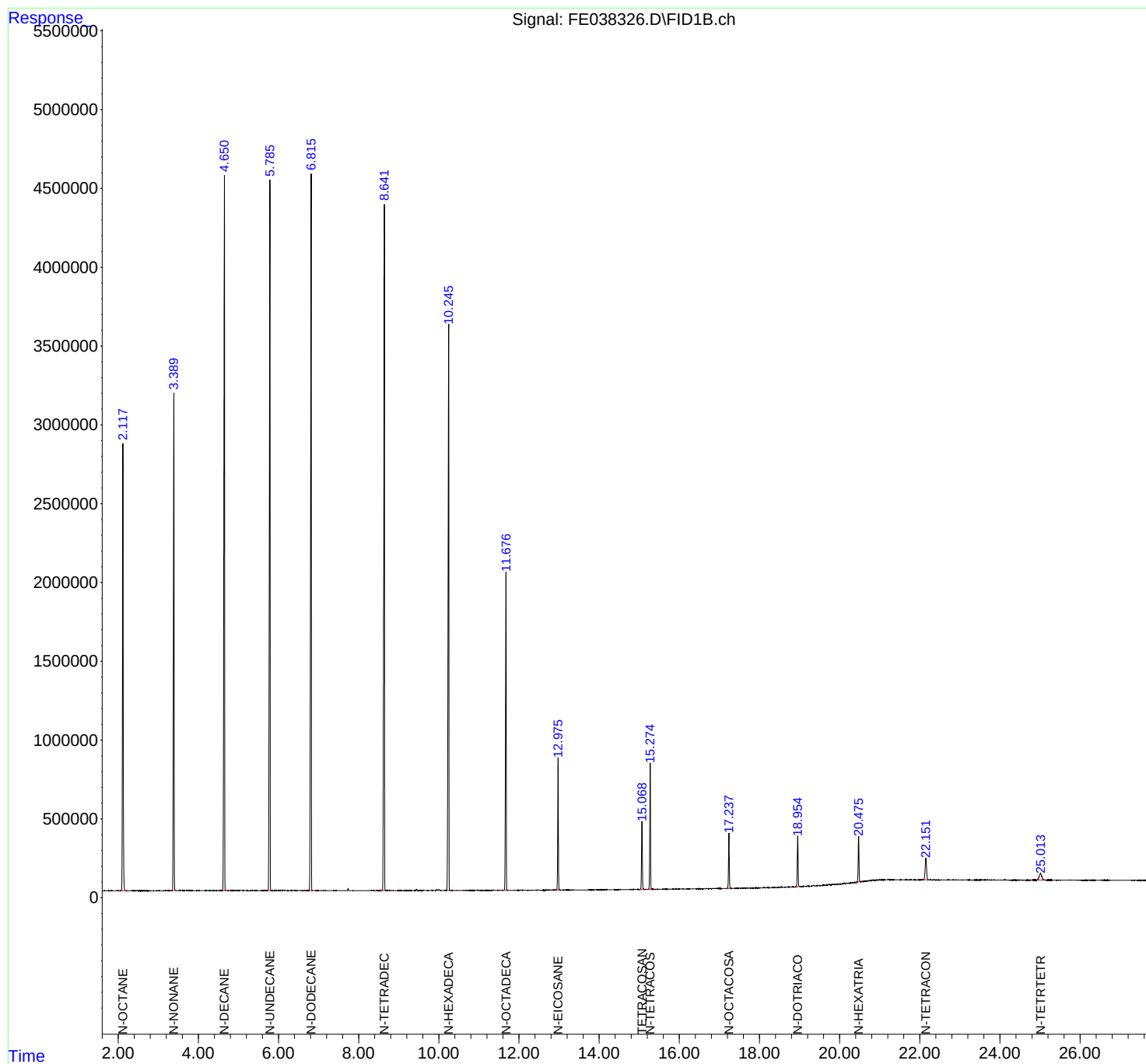
Instrument :
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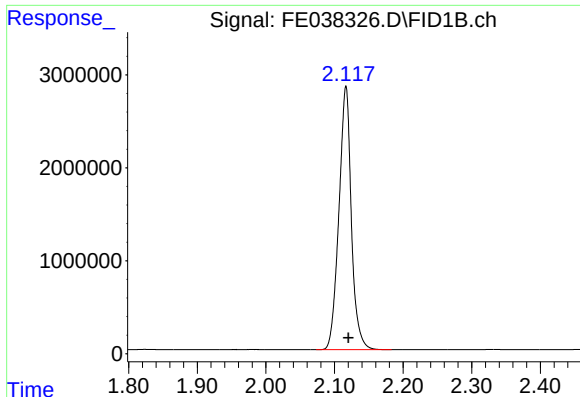
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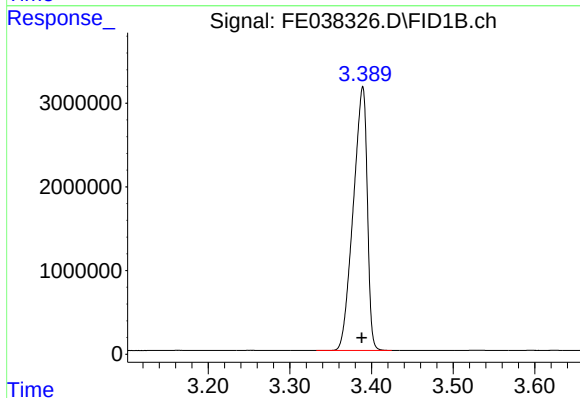
#1 N-OCTANE

R.T.: 2.117 min
Delta R.T.: -0.003 min
Response: 35635483
Conc: 388.00 ug/ml

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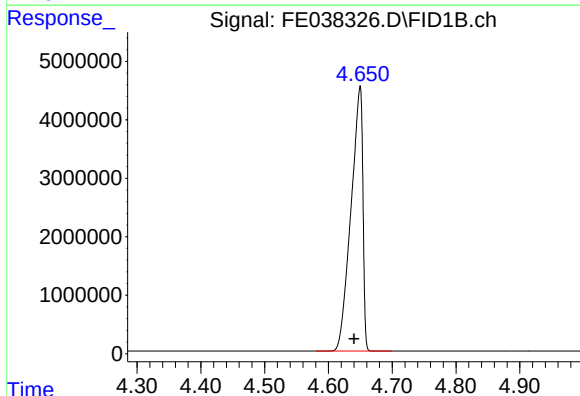
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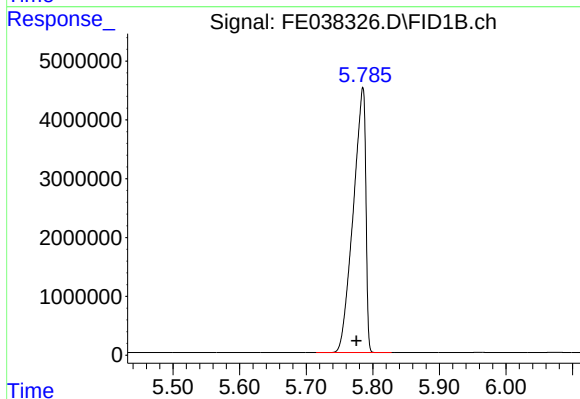
#2 N-NONANE

R.T.: 3.389 min
Delta R.T.: 0.001 min
Response: 37595172
Conc: 393.76 ug/ml



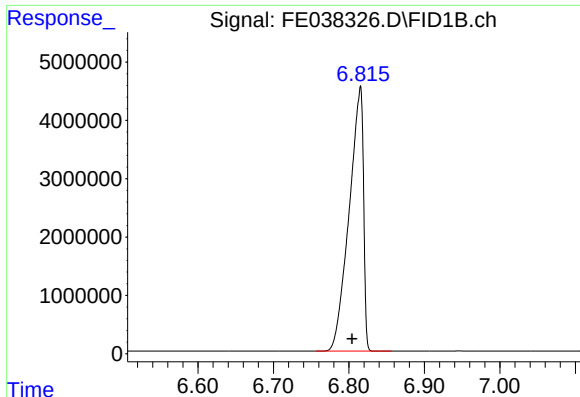
#3 N-DECANE

R.T.: 4.649 min
Delta R.T.: 0.009 min
Response: 58234183
Conc: 594.43 ug/ml



#4 N-UNDECANE

R.T.: 5.785 min
Delta R.T.: 0.010 min
Response: 58895440
Conc: 594.46 ug/ml



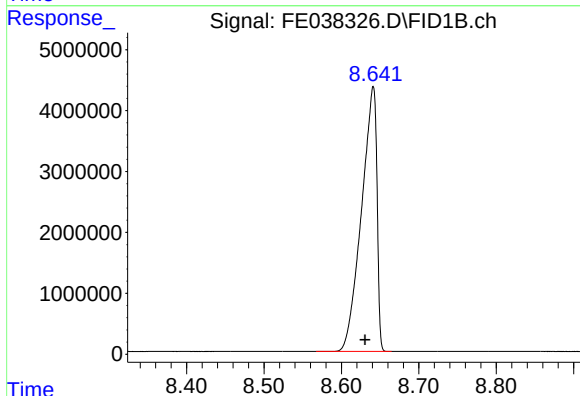
#5 N-DODECANE

R.T.: 6.815 min
Delta R.T.: 0.011 min
Response: 59555005
Conc: 593.08 ug/ml

Instrument :
FID_E
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4400 PPM TRPH STD

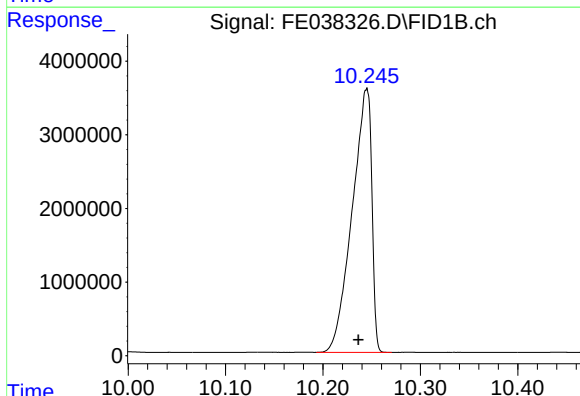
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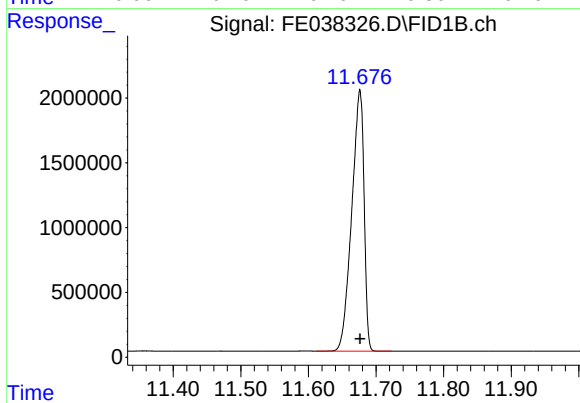
#6 N-TETRADECANE

R.T.: 8.641 min
Delta R.T.: 0.010 min
Response: 60221976
Conc: 587.95 ug/ml



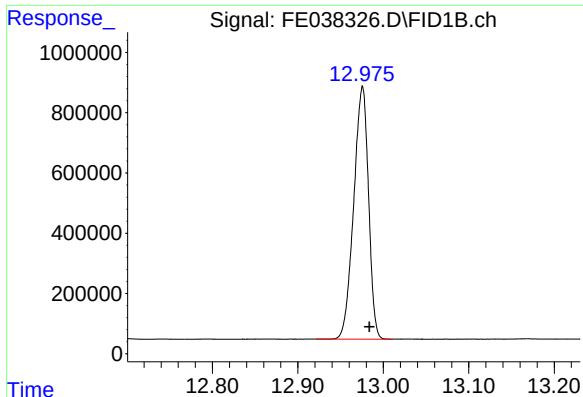
#7 N-HEXADECANE

R.T.: 10.245 min
Delta R.T.: 0.008 min
Response: 50063589
Conc: 485.77 ug/ml



#8 N-OCTADECANE

R.T.: 11.676 min
Delta R.T.: 0.000 min
Response: 25478926
Conc: 240.99 ug/ml



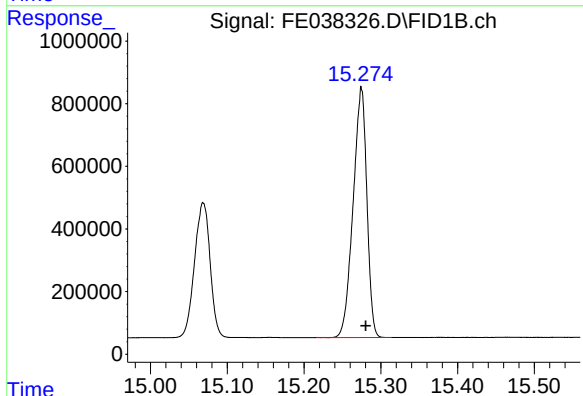
#9 N-EICOSANE

R.T.: 12.976 min
Delta R.T.: -0.008 min
Response: 10083885
Conc: 95.52 ug/ml

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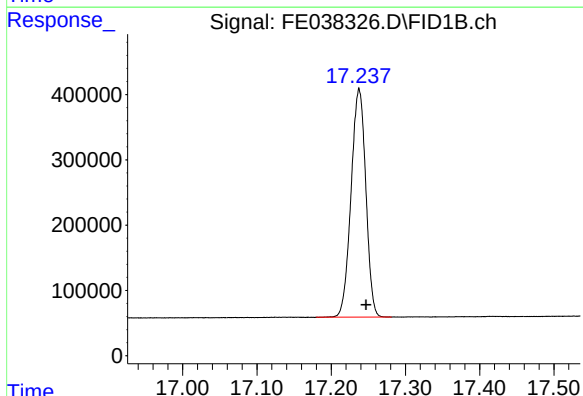
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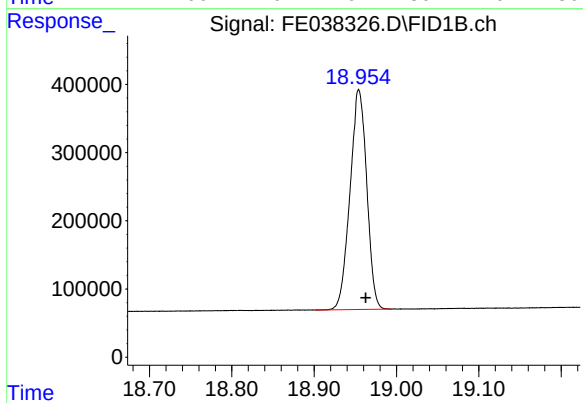
#10 N-TETRACOSANE

R.T.: 15.275 min
Delta R.T.: -0.006 min
Response: 9941460
Conc: 94.12 ug/ml



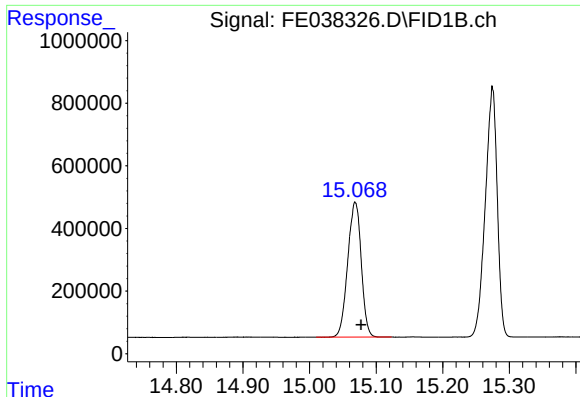
#11 N-OCTACOSANE

R.T.: 17.238 min
Delta R.T.: -0.009 min
Response: 4822316
Conc: 46.61 ug/ml



#12 N-DOTRIACONTANE

R.T.: 18.954 min
Delta R.T.: -0.008 min
Response: 4550080
Conc: 46.34 ug/ml



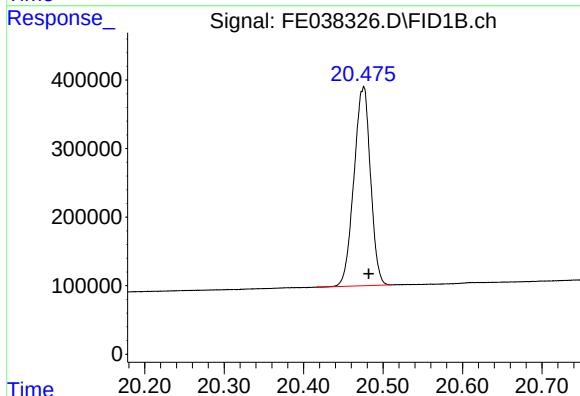
#13 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.069 min
Delta R.T.: -0.009 min
Response: 6081678
Conc: 47.07 ug/ml

Instrument :
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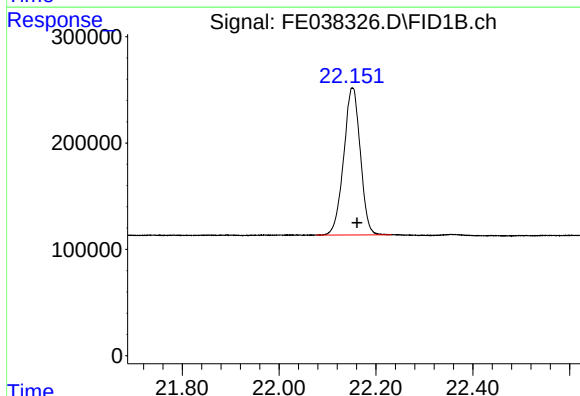
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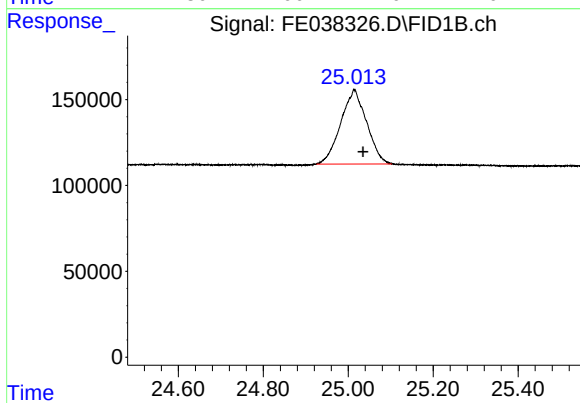
#14 N-HEXATRIACONTANE

R.T.: 20.475 min
Delta R.T.: -0.006 min
Response: 4195957
Conc: 49.34 ug/ml



#15 N-TETRACONTANE

R.T.: 22.151 min
Delta R.T.: -0.010 min
Response: 3286243
Conc: 57.03 ug/ml



#16 N-TETRTETRACOOCTANE

R.T.: 25.013 min
Delta R.T.: -0.021 min
Response: 1836528
Conc: 64.48 ug/ml m