

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121423\
 Data File : FE045848.D
 Signal(s) : FID1B.ch
 Acq On : 14 Dec 2023 15:59
 Operator : YP\AJ
 Sample : 4400 TRPH STD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 4400 TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/15/2023
 Supervised By :Ankita Jodhani 12/15/2023

Integration File: autoint1.e
 Quant Time: Dec 14 23:29:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\C44-FE121423.M
 Quant Title :
 QLast Update : Thu Dec 14 11:27:22 2023
 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...	14.939	6666577	53.388 ug/ml
Target Compounds			
1) N-OCTANE	1.976	54835891	411.199 ug/ml
2) N-NONANE	3.241	56539826	418.505 ug/ml
3) N-DECANE	4.507	86930554	627.554 ug/ml
4) N-UNDECANE	5.646	87522432	626.774 ug/ml
5) N-DODECANE	6.678	87403256	627.466 ug/ml
6) N-TETRADECANE	8.506	88138987	632.239 ug/ml
7) N-HEXADECANE	10.111	72082175	524.616 ug/ml
8) N-OCTADECANE	11.543	35795397	265.601 ug/ml
9) N-EICOSANE	12.843	13717663	106.708 ug/ml
10) N-TETRACOSANE	15.146	13216558	107.551 ug/ml
11) N-OCTACOSANE	17.115	6340865	53.746 ug/ml
12) N-DOTRIACONTANE	18.838	6236728	52.557 ug/mlm
14) N-HEXATRIACONTANE	20.362	6162059	54.088 ug/mlm
15) N-TETRACONTANE	21.986	4536508	54.069 ug/mlm
16) N-TETRTETRACOOCTANE	24.721	2426674	58.742 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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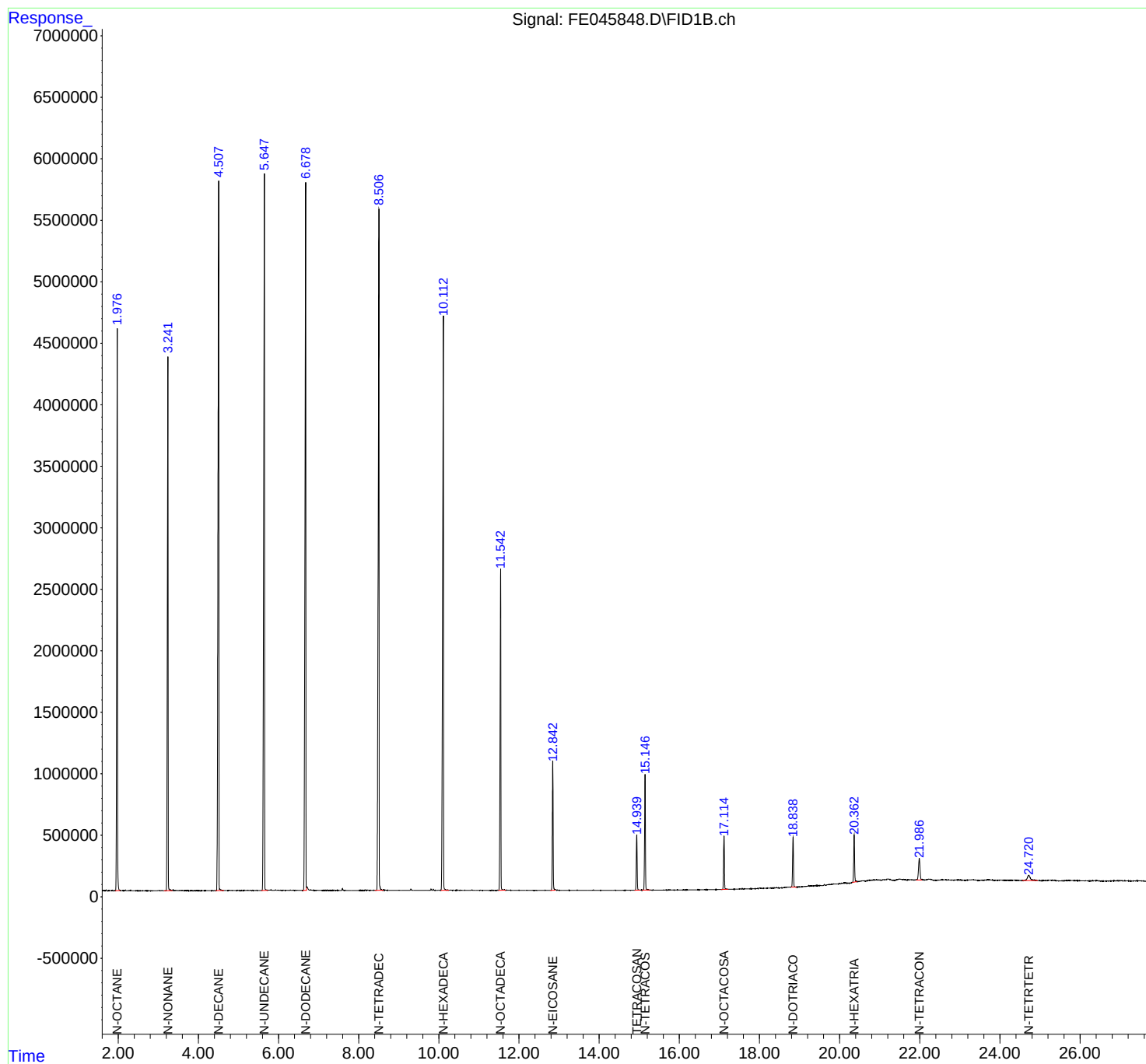
Instrument :
FID_E
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4400 TRPH STD

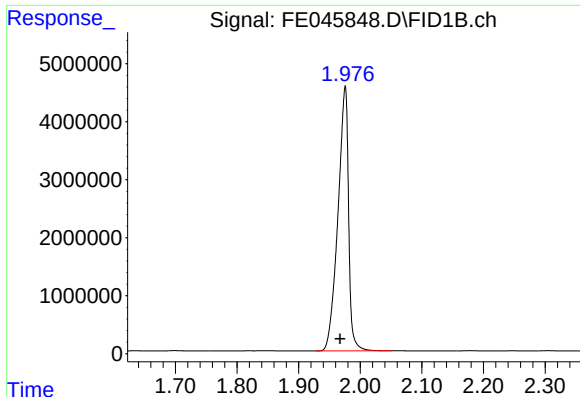
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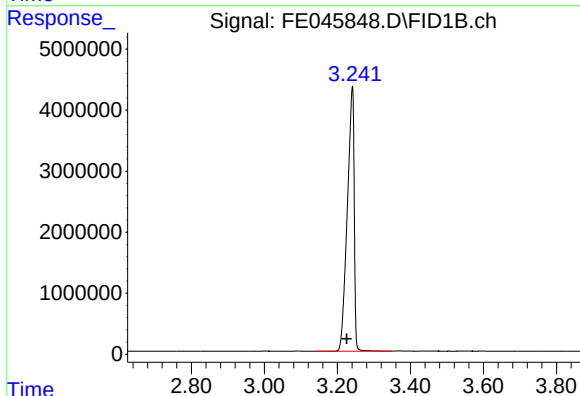
#1 N-OCTANE

R.T.: 1.976 min
Delta R.T.: 0.009 min
Response: 54835891
Conc: 411.20 ug/ml

Instrument :
FID_E
ClientSampleId :
4400 TRPH STD

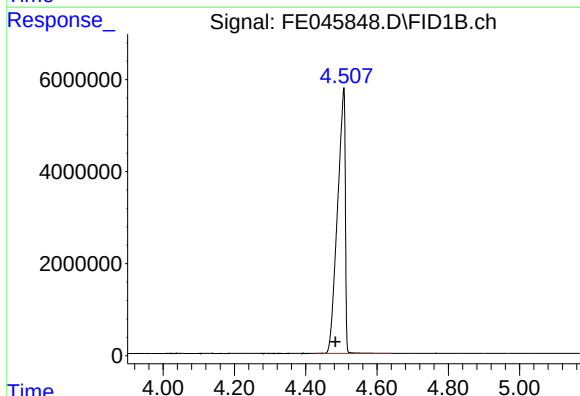
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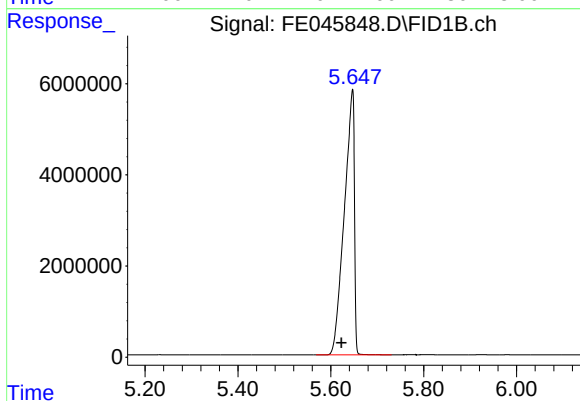
#2 N-NONANE

R.T.: 3.241 min
Delta R.T.: 0.015 min
Response: 56539826
Conc: 418.50 ug/ml



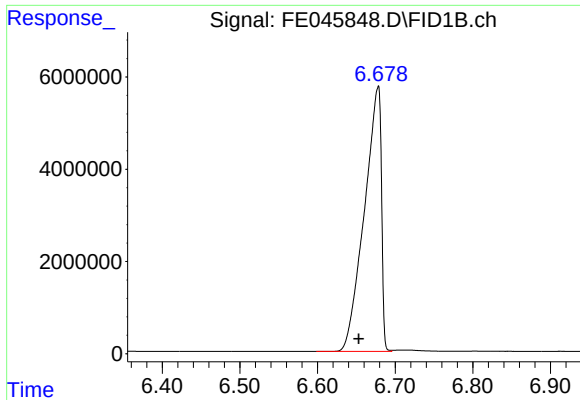
#3 N-DECANE

R.T.: 4.507 min
Delta R.T.: 0.023 min
Response: 86930554
Conc: 627.55 ug/ml



#4 N-UNDECANE

R.T.: 5.646 min
Delta R.T.: 0.024 min
Response: 87522432
Conc: 626.77 ug/ml



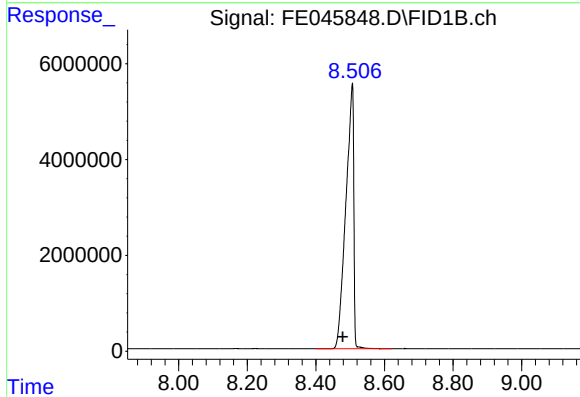
#5 N-DODECANE

R.T.: 6.678 min
Delta R.T.: 0.025 min
Response: 87403256
Conc: 627.47 ug/ml

Instrument :
FID_E
ClientSampleId :
4400 TRPH STD

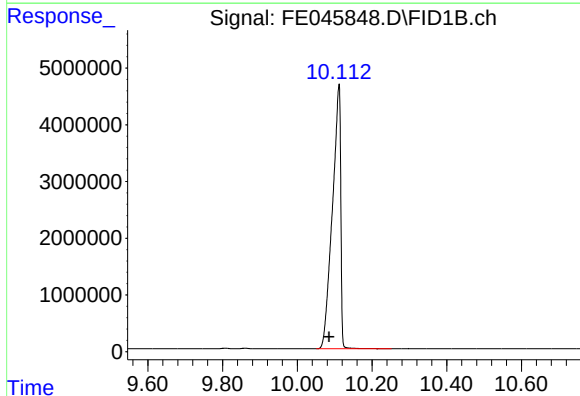
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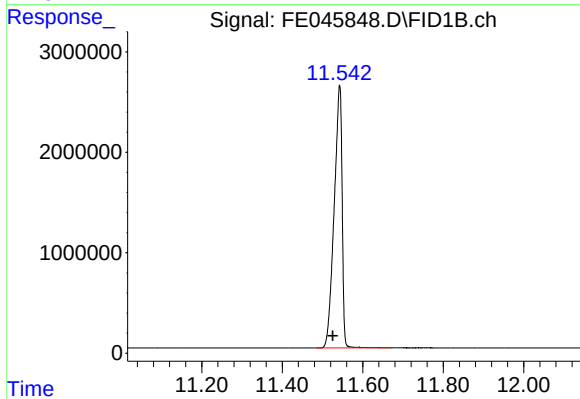
#6 N-TETRADECANE

R.T.: 8.506 min
Delta R.T.: 0.027 min
Response: 88138987
Conc: 632.24 ug/ml



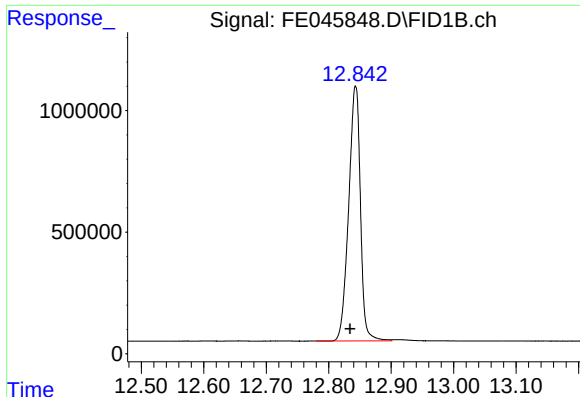
#7 N-HEXADECANE

R.T.: 10.111 min
Delta R.T.: 0.026 min
Response: 72082175
Conc: 524.62 ug/ml



#8 N-OCTADECANE

R.T.: 11.543 min
Delta R.T.: 0.017 min
Response: 35795397
Conc: 265.60 ug/ml



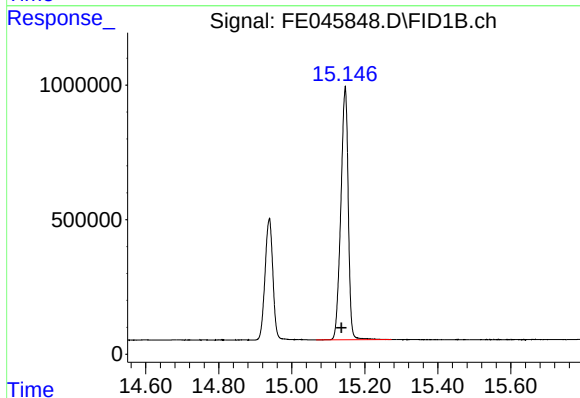
#9 N-EICOSANE

R.T.: 12.843 min
Delta R.T.: 0.009 min
Response: 13717663
Conc: 106.71 ug/ml

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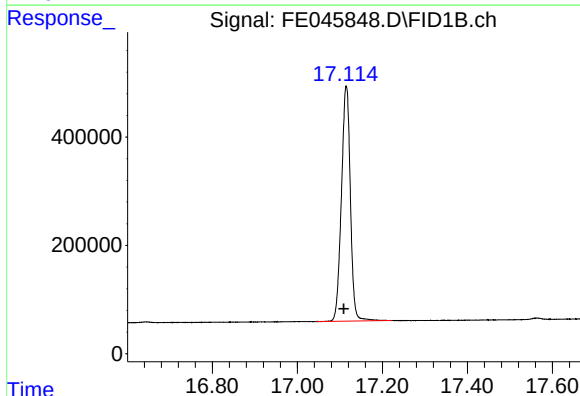
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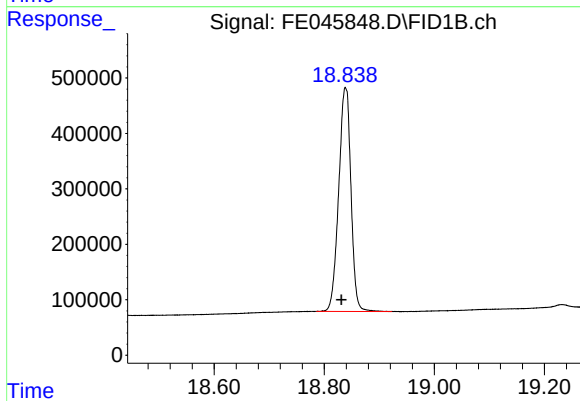
#10 N-TETRACOSANE

R.T.: 15.146 min
Delta R.T.: 0.010 min
Response: 13216558
Conc: 107.55 ug/ml



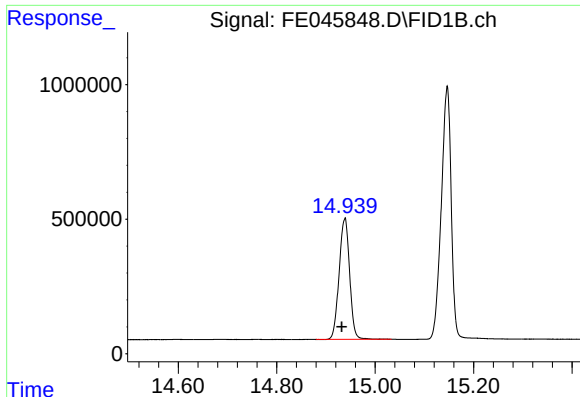
#11 N-OCTACOSANE

R.T.: 17.115 min
Delta R.T.: 0.006 min
Response: 6340865
Conc: 53.75 ug/ml



#12 N-DOTRIACONTANE

R.T.: 18.838 min
Delta R.T.: 0.006 min
Response: 6236728
Conc: 52.56 ug/ml m



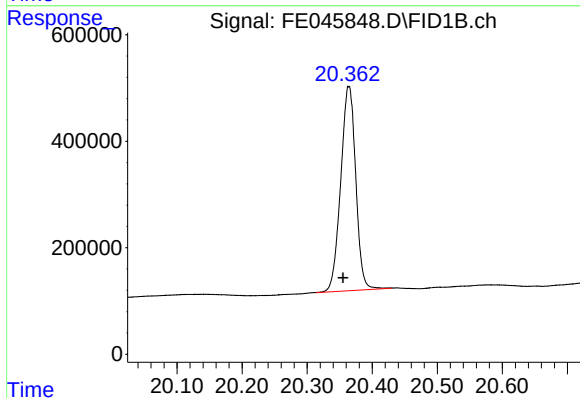
#13 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.939 min
Delta R.T.: 0.007 min
Response: 6666577
Conc: 53.39 ug/ml

Instrument :
FID_E
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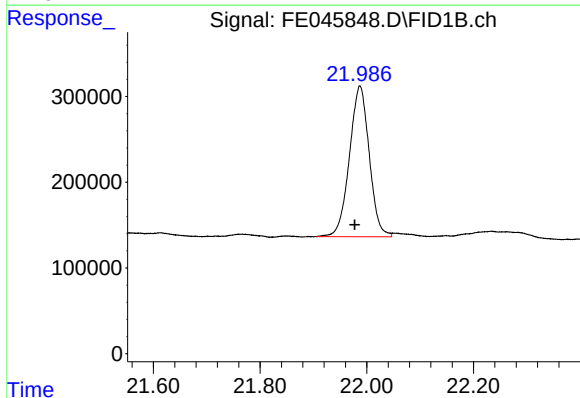
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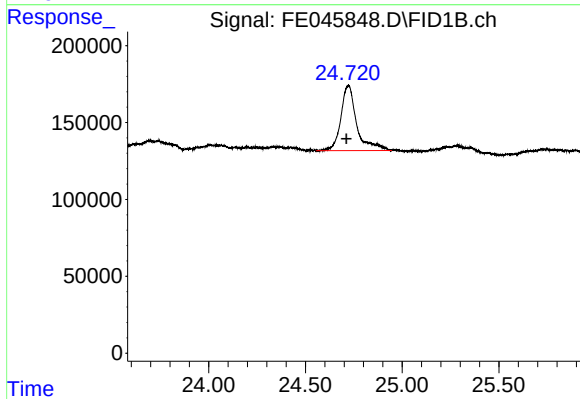
#14 N-HEXATRIACONTANE

R.T.: 20.362 min
Delta R.T.: 0.007 min
Response: 6162059
Conc: 54.09 ug/ml m



#15 N-TETRACONTANE

R.T.: 21.986 min
Delta R.T.: 0.009 min
Response: 4536508
Conc: 54.07 ug/ml m



#16 N-TETRTETRACOOCTANE

R.T.: 24.721 min
Delta R.T.: 0.009 min
Response: 2426674
Conc: 58.74 ug/ml