

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121423\
 Data File : FE045841.D
 Signal(s) : FID1B.ch
 Acq On : 14 Dec 2023 11:50
 Operator : YP\AJ
 Sample : 4400 TRPH STD
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 4400 TRPH STD

Integration File: autoint1.e
 Quant Time: Dec 14 12:20:58 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...	14.935	6823898	54.648 ug/ml
Target Compounds			
1) N-OCTANE	1.977	56528541	423.892 ug/ml
2) N-NONANE	3.241	58088976	429.971 ug/ml
3) N-DECANE	4.506	89025710	642.679 ug/ml
4) N-UNDECANE	5.645	89292967	639.453 ug/ml
5) N-DODECANE	6.677	88918476	638.343 ug/ml
6) N-TETRADECANE	8.504	89376390	641.115 ug/ml
7) N-HEXADECANE	10.109	72817427	529.967 ug/ml
8) N-OCTADECANE	11.540	36329275	269.562 ug/ml
9) N-EICOSANE	12.840	13890695	108.054 ug/ml
10) N-TETRACOSANE	15.143	13474549	109.650 ug/ml
11) N-OCTACOSANE	17.112	6456167	54.723 ug/ml
12) N-DOTRIACONTANE	18.833	6305717	53.139 ug/ml
14) N-HEXATRIACONTANE	20.360	6111557	53.645 ug/ml
15) N-TETRACONTANE	21.980	4394078	52.372 ug/ml
16) N-TETRTETRACOOCTANE	24.707	2006964	48.582 ug/ml

(f)=RT Delta > 1/2 Window

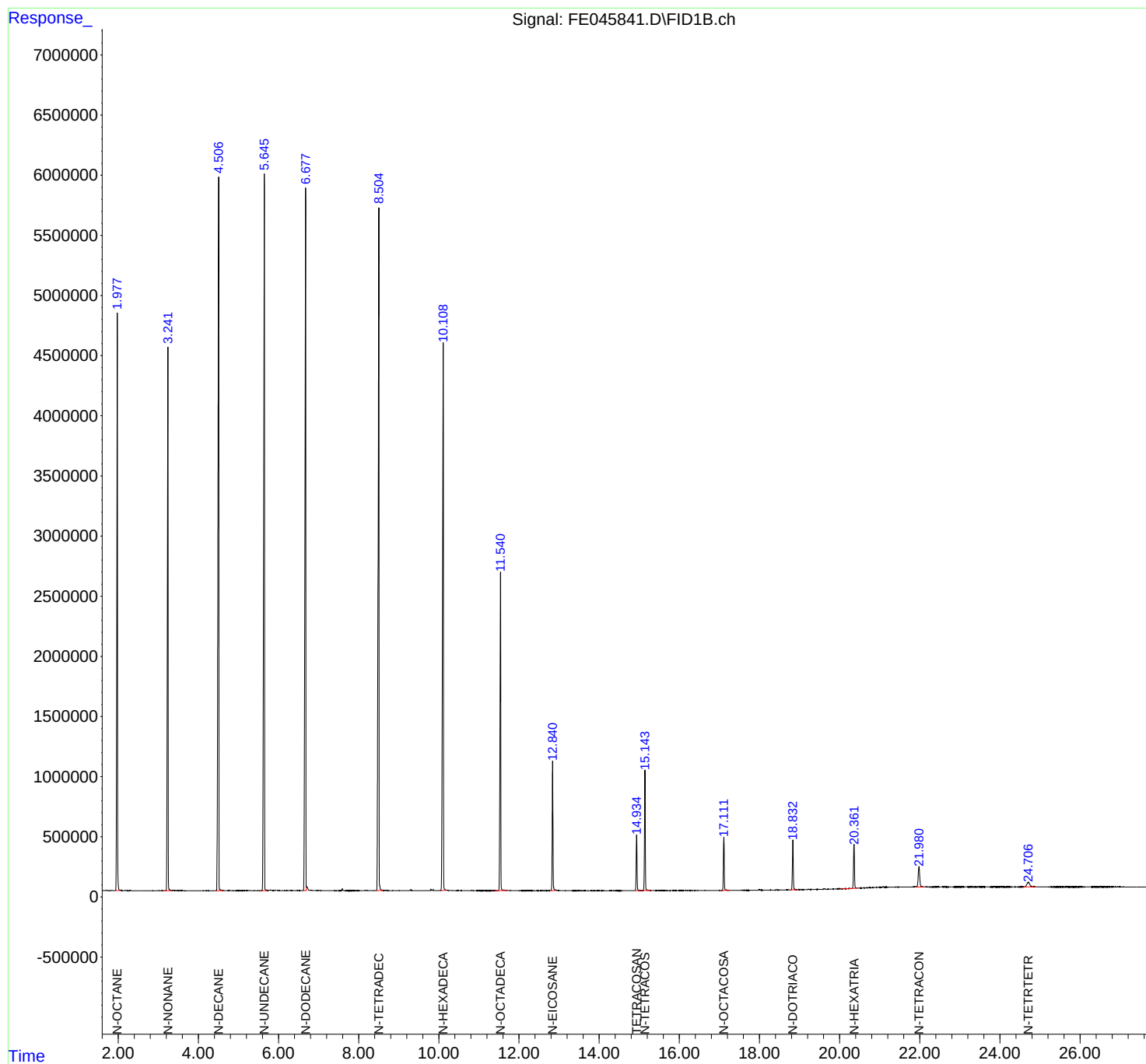
(m)=manual int.

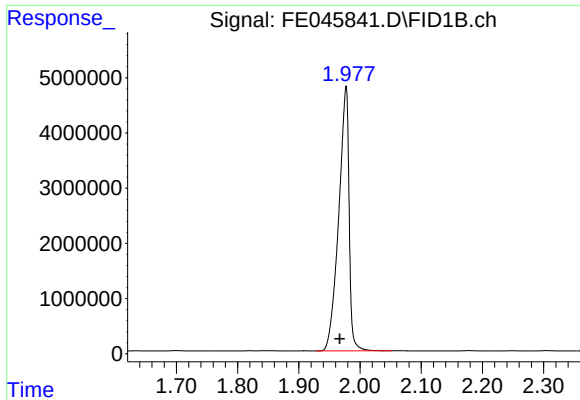
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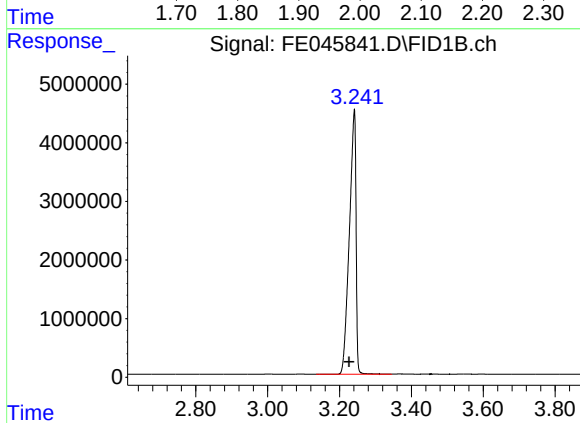




#1 N-OCTANE

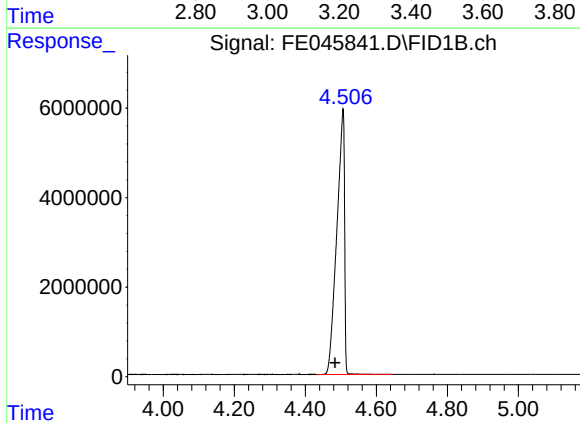
R.T.: 1.977 min
Delta R.T.: 0.010 min
Response: 56528541
Conc: 423.89 ug/ml

Instrument :
FID_E
ClientSampleId :
4400 TRPH STD



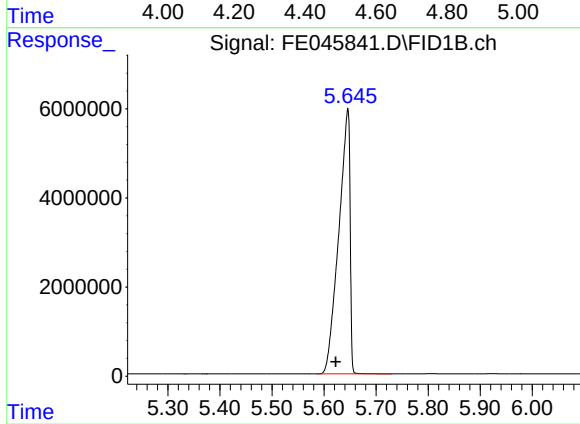
#2 N-NONANE

R.T.: 3.241 min
Delta R.T.: 0.015 min
Response: 58088976
Conc: 429.97 ug/ml



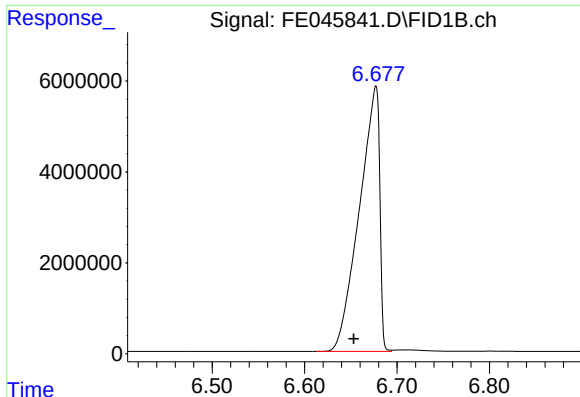
#3 N-DECANE

R.T.: 4.506 min
Delta R.T.: 0.023 min
Response: 89025710
Conc: 642.68 ug/ml



#4 N-UNDECANE

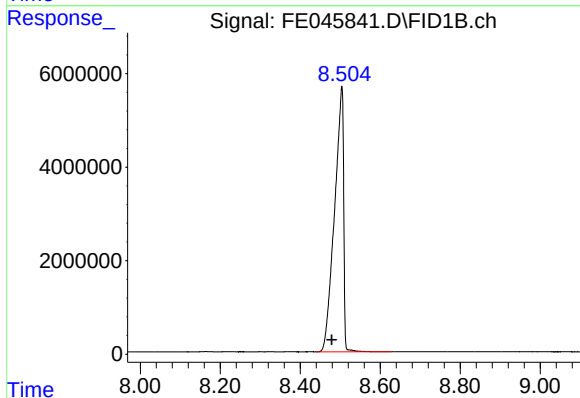
R.T.: 5.645 min
Delta R.T.: 0.023 min
Response: 89292967
Conc: 639.45 ug/ml



#5 N-DODECANE

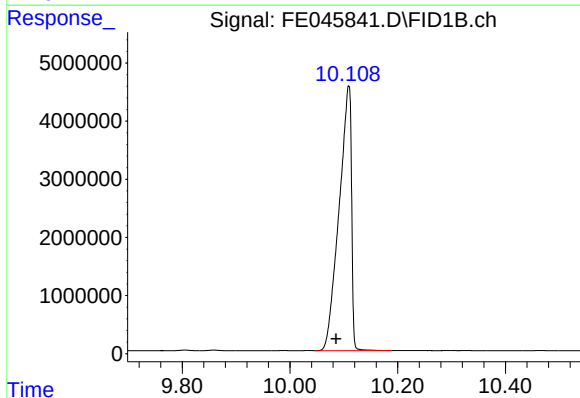
R.T.: 6.677 min
Delta R.T.: 0.024 min
Response: 88918476
Conc: 638.34 ug/ml

Instrument :
FID_E
ClientSampleId :
4400 TRPH STD



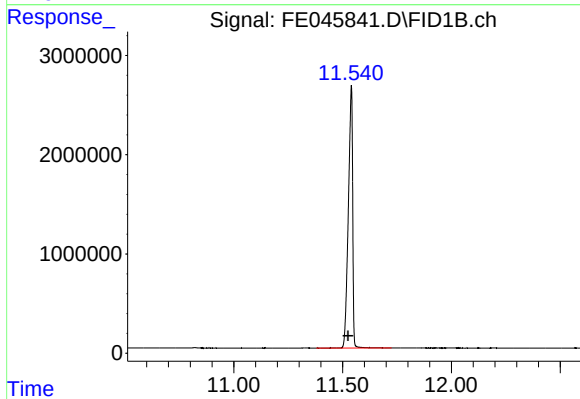
#6 N-TETRADECANE

R.T.: 8.504 min
Delta R.T.: 0.025 min
Response: 89376390
Conc: 641.12 ug/ml



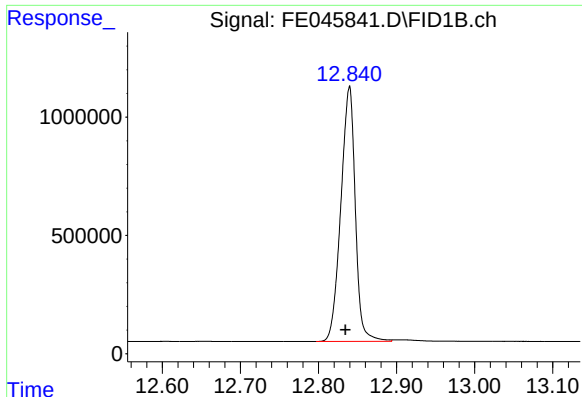
#7 N-HEXADECANE

R.T.: 10.109 min
Delta R.T.: 0.023 min
Response: 72817427
Conc: 529.97 ug/ml



#8 N-OCTADECANE

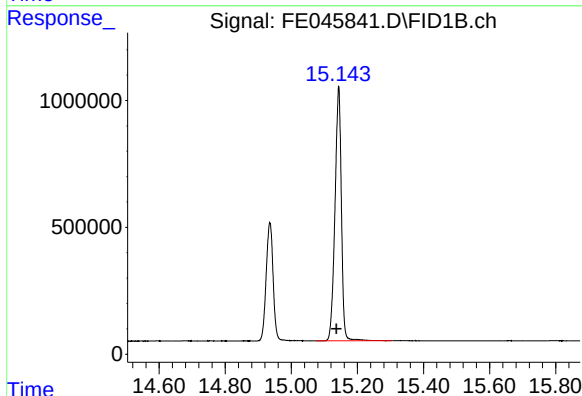
R.T.: 11.540 min
Delta R.T.: 0.015 min
Response: 36329275
Conc: 269.56 ug/ml



#9 N-EICOSANE

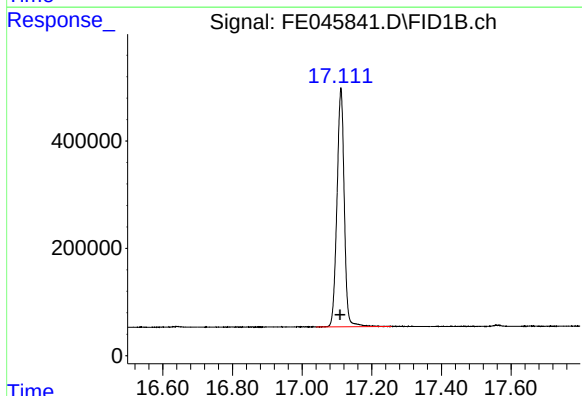
R.T.: 12.840 min
Delta R.T.: 0.005 min
Response: 13890695
Conc: 108.05 ug/ml

Instrument :
FID_E
ClientSampleId :
4400 TRPH STD



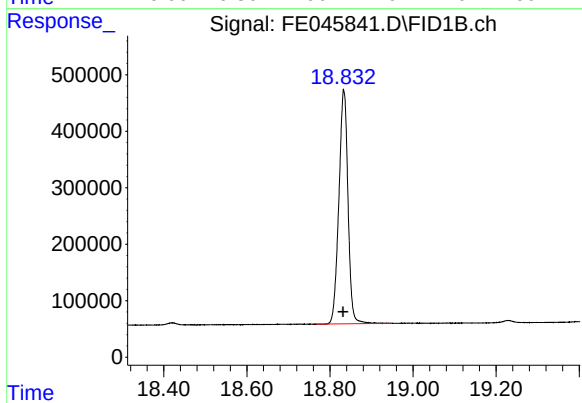
#10 N-TETRACOSANE

R.T.: 15.143 min
Delta R.T.: 0.007 min
Response: 13474549
Conc: 109.65 ug/ml



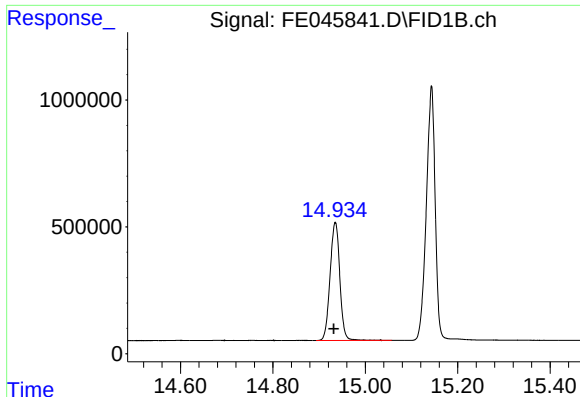
#11 N-OCTACOSANE

R.T.: 17.112 min
Delta R.T.: 0.002 min
Response: 6456167
Conc: 54.72 ug/ml



#12 N-DOTRIACONTANE

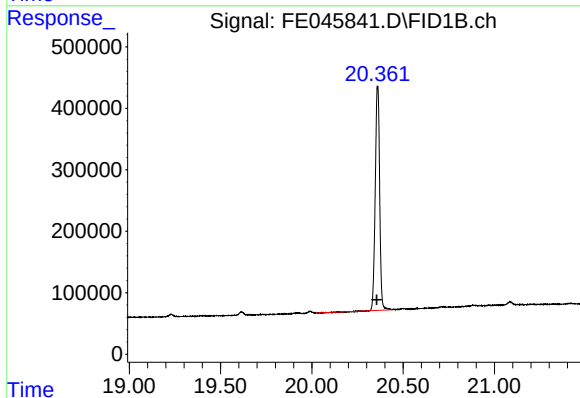
R.T.: 18.833 min
Delta R.T.: 0.002 min
Response: 6305717
Conc: 53.14 ug/ml



#13 TETRACOSANE-d50 (SURROGATE)

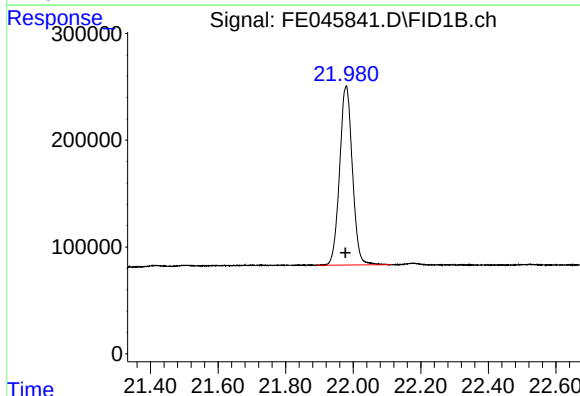
R.T.: 14.935 min
Delta R.T.: 0.003 min
Response: 6823898
Conc: 54.65 ug/ml

Instrument :
FID_E
ClientSampleId :
4400 TRPH STD



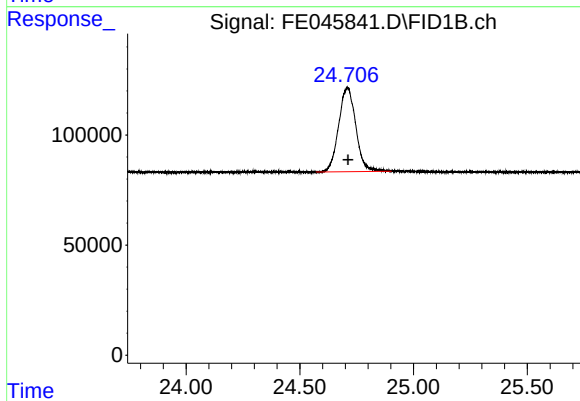
#14 N-HEXATRIACONTANE

R.T.: 20.360 min
Delta R.T.: 0.005 min
Response: 6111557
Conc: 53.65 ug/ml



#15 N-TETRACONTANE

R.T.: 21.980 min
Delta R.T.: 0.002 min
Response: 4394078
Conc: 52.37 ug/ml



#16 N-TETRTETRACOOCTANE

R.T.: 24.707 min
Delta R.T.: -0.005 min
Response: 2006964
Conc: 48.58 ug/ml