

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041322\
 Data File : FG009602.D
 Signal(s) : FID1A.ch
 Acq On : 13 Apr 2022 14:44
 Operator : AJ\MA
 Sample : 440 TRPH STD
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 440 TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/14/2022
 Supervised By :mohammad ahmed 04/15/2022

Integration File: sample.e
 Quant Time: Apr 13 15:22:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\C44-FG041322.M
 Quant Title :
 QLast Update : Wed Apr 13 15:10:27 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...	14.629	855354	5.327 ug/ml
Target Compounds			
1) N-OCTANE	2.230	5813157	43.750 ug/ml
2) N-NONANE	3.251	6043205	43.096 ug/ml
3) N-DECANE	4.327	9356999	43.696 ug/ml
4) N-UNDECANE	5.370	9736166	65.045 ug/ml
5) N-DODECANE	6.355	9729797	65.692 ug/ml
6) N-TETRADECANE	8.156	9539533	65.773 ug/ml
7) N-HEXADECANE	9.762	7992772	54.748 ug/ml
8) N-OCTADECANE	11.208	3900788	27.140 ug/ml
9) N-EICOSANE	12.523	1531432	10.822 ug/ml
10) N-TETRACOSANE	14.834	1396701	10.769 ug/ml
11) N-OCTACOSANE	16.814	654503	5.430 ug/ml
12) N-DOTRIACONTANE	18.541	645627	5.584 ug/ml
14) N-HEXATRIACONTANE	20.072	629134	5.478 ug/ml
15) N-TETRACONTANE	21.725	489352	5.113 ug/ml
16) N-TETRTETRACOOCTANE	24.496	336589	4.631 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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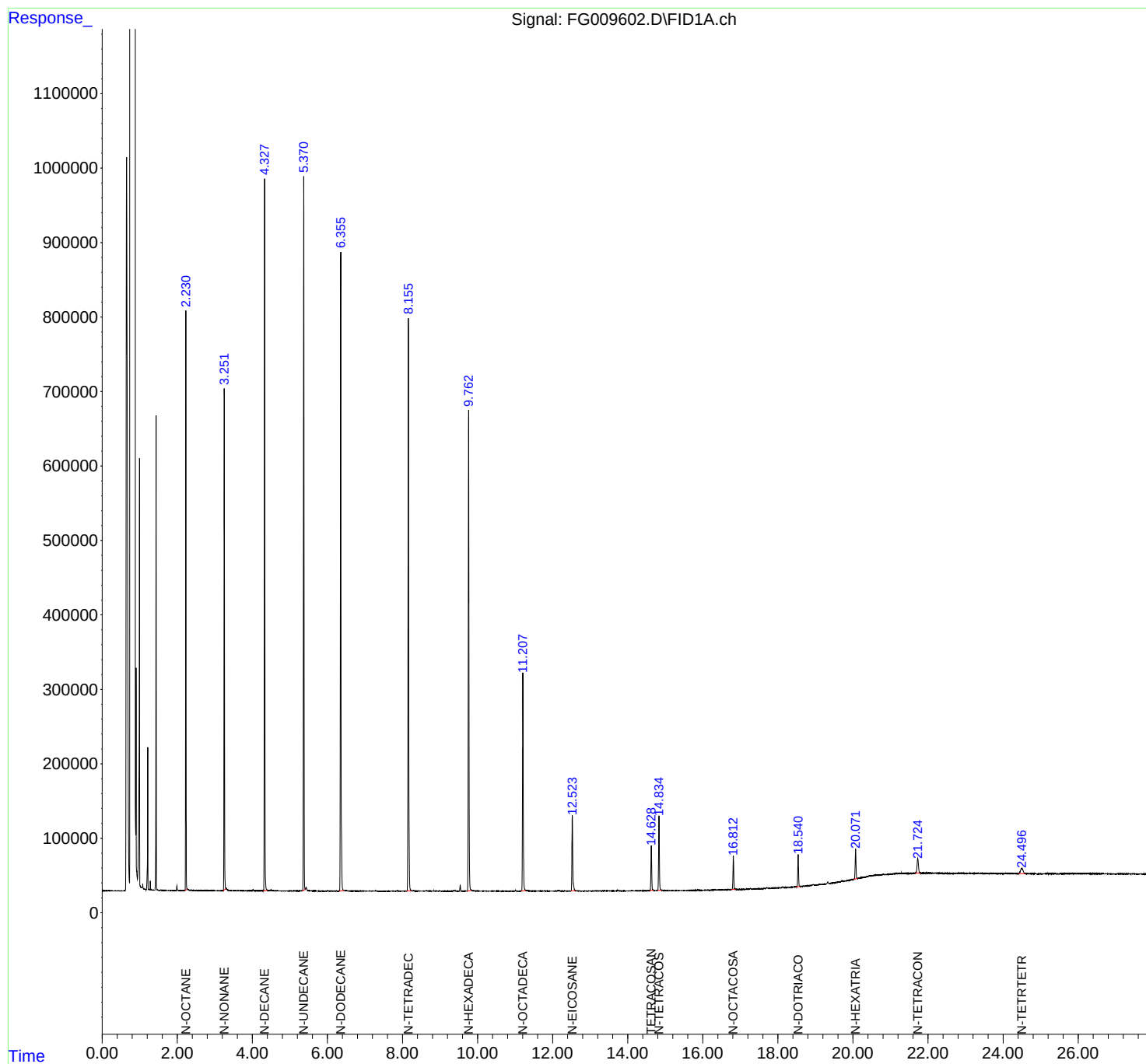
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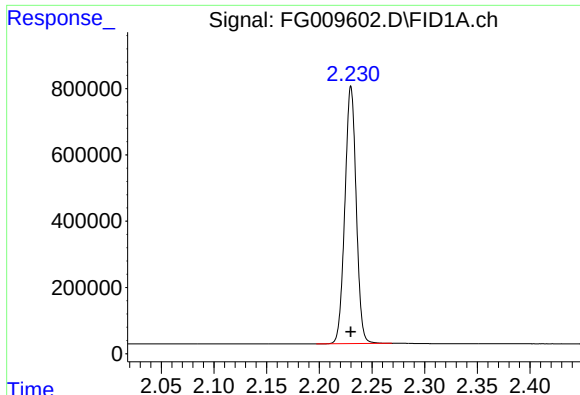
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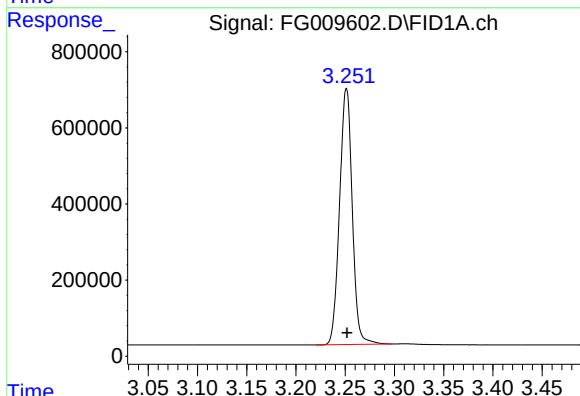
#1 N-OCTANE

R.T.: 2.230 min
Delta R.T.: 0.000 min
Response: 5813157
Conc: 43.75 ug/ml

Instrument :
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440 TRPH STD

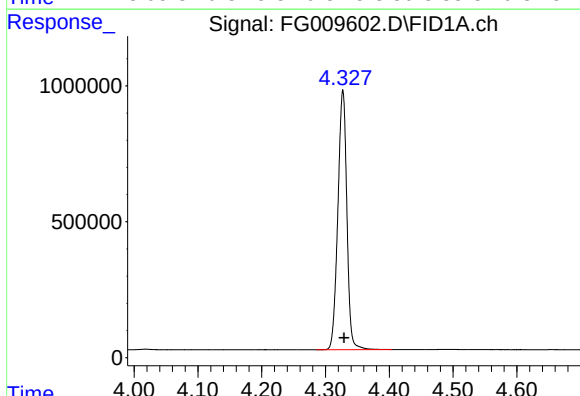
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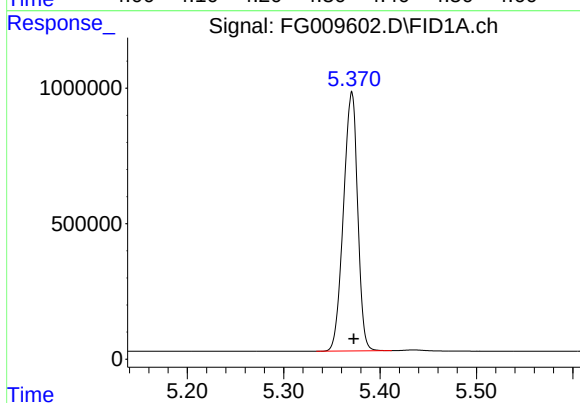
#2 N-NONANE

R.T.: 3.251 min
Delta R.T.: 0.000 min
Response: 6043205
Conc: 43.10 ug/ml



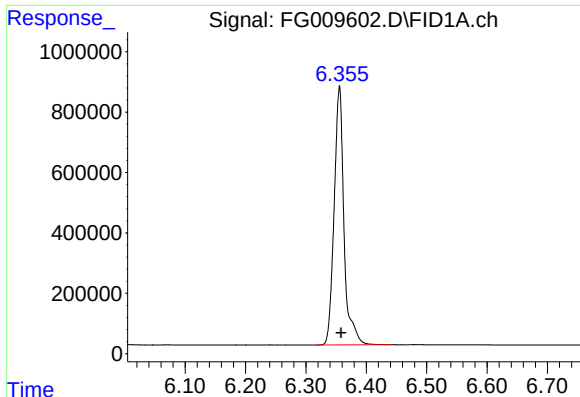
#3 N-DECANE

R.T.: 4.327 min
Delta R.T.: -0.002 min
Response: 9356999
Conc: 43.70 ug/ml



#4 N-UNDECANE

R.T.: 5.370 min
Delta R.T.: -0.002 min
Response: 9736166
Conc: 65.04 ug/ml



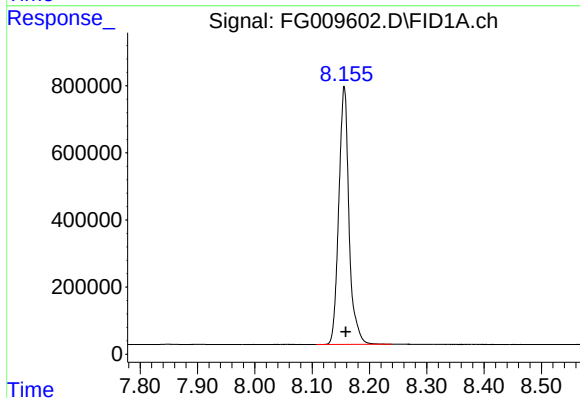
#5 N-DODECANE

R.T.: 6.355 min
Delta R.T.: -0.003 min
Response: 9729797
Conc: 65.69 ug/ml

Instrument :
FID_G
ClientSampleId :
440 TRPH STD

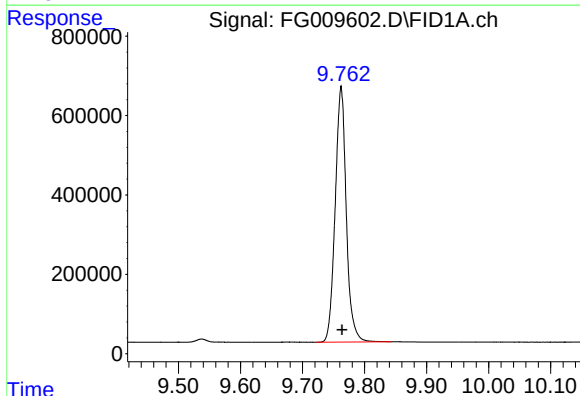
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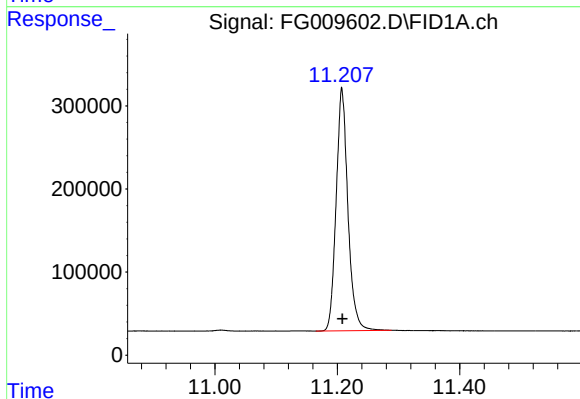
#6 N-TETRADECANE

R.T.: 8.156 min
Delta R.T.: -0.003 min
Response: 9539533
Conc: 65.77 ug/ml



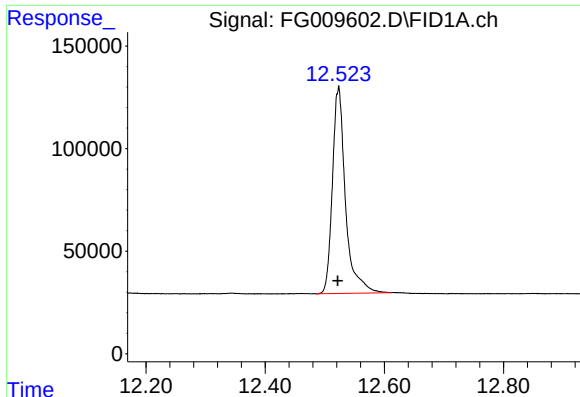
#7 N-HEXADECANE

R.T.: 9.762 min
Delta R.T.: -0.002 min
Response: 7992772
Conc: 54.75 ug/ml



#8 N-OCTADECANE

R.T.: 11.208 min
Delta R.T.: 0.000 min
Response: 3900788
Conc: 27.14 ug/ml



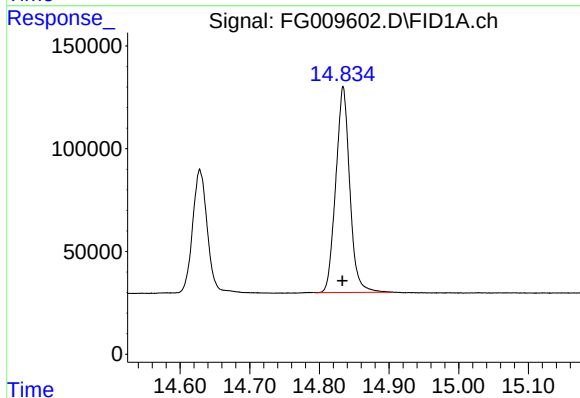
#9 N-EICOSANE

R.T.: 12.523 min
Delta R.T.: 0.001 min
Response: 1531432
Conc: 10.82 ug/ml

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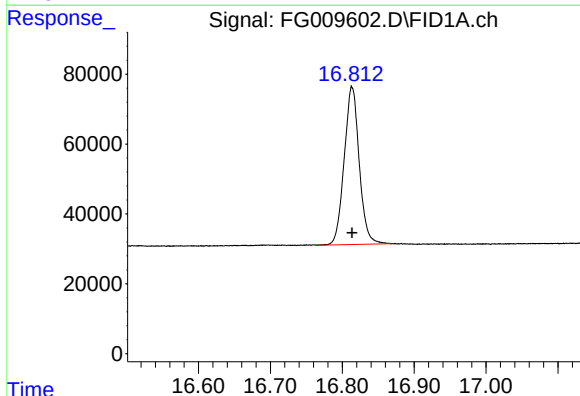
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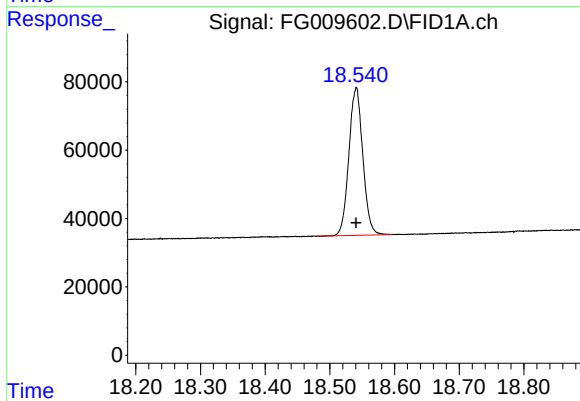
#10 N-TETRACOSANE

R.T.: 14.834 min
Delta R.T.: 0.000 min
Response: 1396701
Conc: 10.77 ug/ml



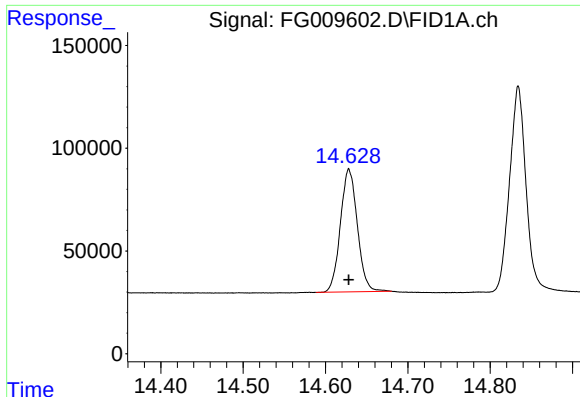
#11 N-OCTACOSANE

R.T.: 16.814 min
Delta R.T.: 0.000 min
Response: 654503
Conc: 5.43 ug/ml



#12 N-DOTRIACONTANE

R.T.: 18.541 min
Delta R.T.: 0.000 min
Response: 645627
Conc: 5.58 ug/ml



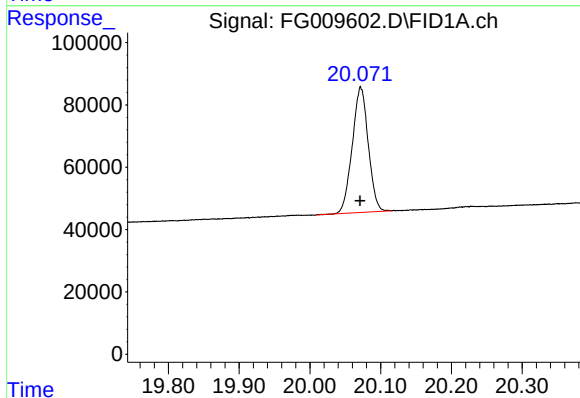
#13 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.629 min
Delta R.T.: 0.000 min
Response: 855354
Conc: 5.33 ug/ml

Instrument :
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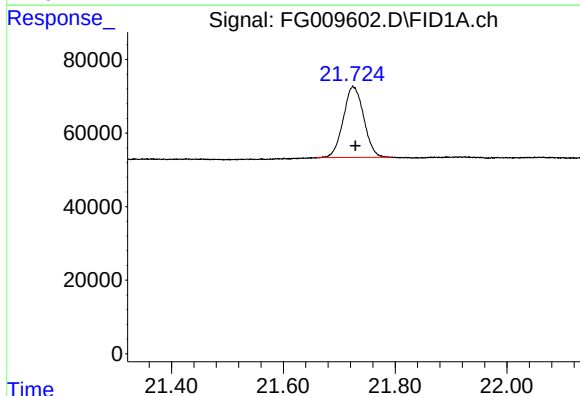
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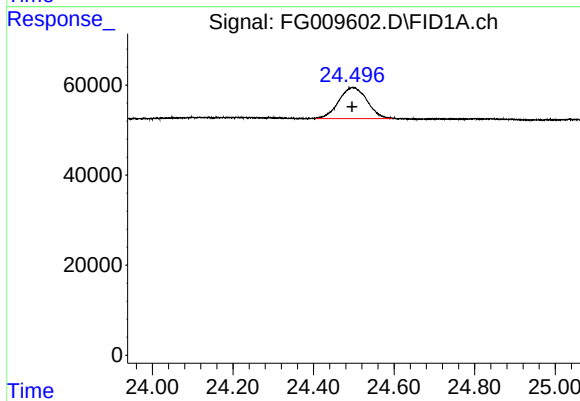
#14 N-HEXATRIACONTANE

R.T.: 20.072 min
Delta R.T.: 0.000 min
Response: 629134
Conc: 5.48 ug/ml



#15 N-TETRACONTANE

R.T.: 21.725 min
Delta R.T.: -0.004 min
Response: 489352
Conc: 5.11 ug/ml



#16 N-TETRTETRACOOCTANE

R.T.: 24.496 min
Delta R.T.: 0.000 min
Response: 336589
Conc: 4.63 ug/ml m