

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062222\
 Data File : FE036151.D
 Signal(s) : FID1B.ch
 Acq On : 22 Jun 2022 12:03
 Operator : YP\AJ
 Sample : N3203-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 GATE-6-JET-GROUT-SPOILSMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/23/2022
 Supervised By :Ankita Jodhani 06/23/2022

Integration File: autoint1.e
 Quant Time: Jun 23 02:35:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\C44-FE062122.M
 Quant Title :
 QLast Update : Wed Jun 22 08:57:44 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...	14.963	3343909	23.122 ug/mlm
Target Compounds			
1) N-OCTANE	1.985	2166887	18.395 ug/ml
2) N-NONANE	3.263	14060	0.115 ug/mlm
3) N-DECANE	4.551	273134	2.194 ug/ml
4) N-UNDECANE	5.698	450816	3.615 ug/ml
5) N-DODECANE	6.713	278703	2.228 ug/ml
6) N-TETRADECANE	8.614	12804640	102.737 ug/mlm
7) N-HEXADECANE	10.116	5264039	42.857 ug/ml
8) N-OCTADECANE	11.559	3806264	30.777 ug/mlm
9) N-EICOSANE	12.866	5032683	41.672 ug/mlm
10) N-TETRACOSANE	15.168	3487079	29.715 ug/mlm
11) N-OCTACOSANE	17.137	4234248	37.442 ug/mlm
12) N-DOTRIACONTANE	18.854	4310349	39.407 ug/mlm
14) N-HEXATRIACONTANE	20.377	3494884	35.507 ug/mlm
15) N-TETRACONTANE	21.997	4127145	42.469 ug/ml
16) N-TETRTETRACOOCTANE	24.727	308115	3.049 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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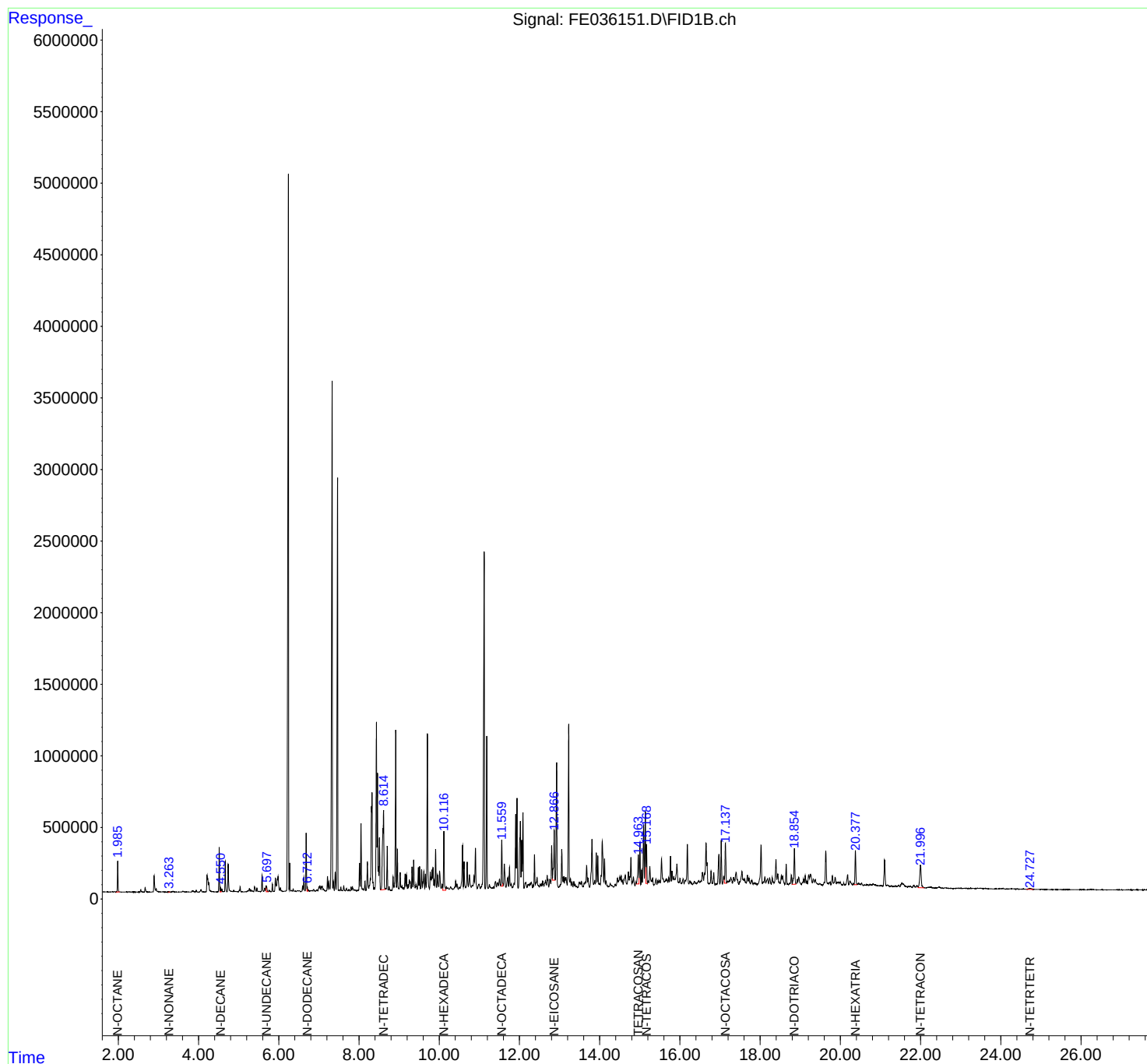
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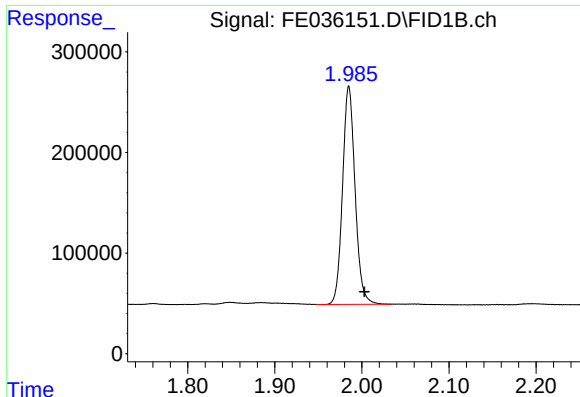
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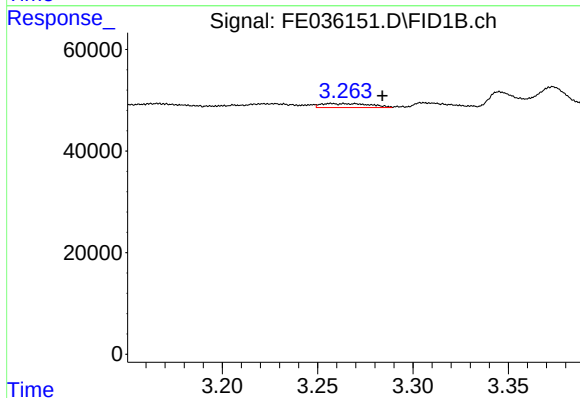
#1 N-OCTANE

R.T.: 1.985 min
Delta R.T.: -0.018 min
Response: 2166887
Conc: 18.40 ug/ml

Instrument :
FID_E
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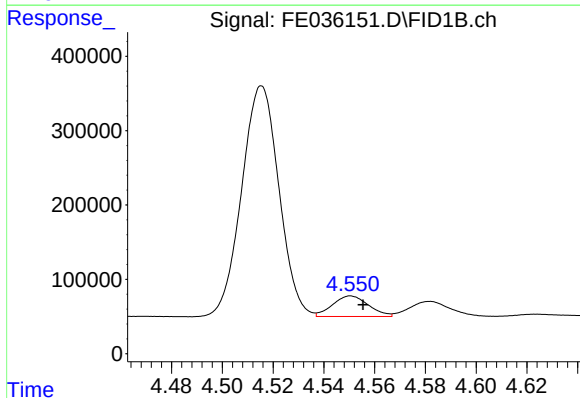
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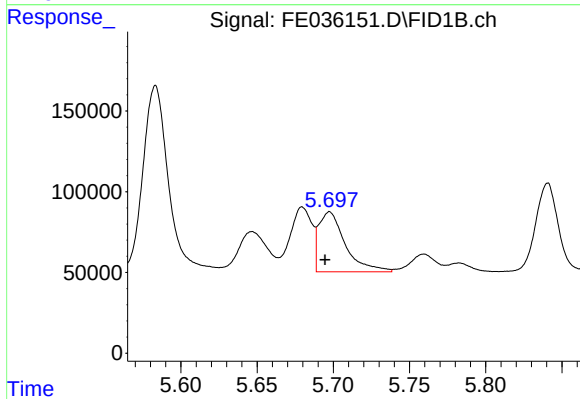
#2 N-NONANE

R.T.: 3.263 min
Delta R.T.: -0.021 min
Response: 14060
Conc: 0.12 ug/ml m



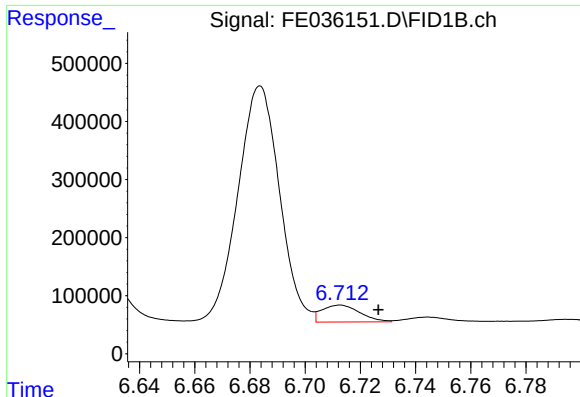
#3 N-DECANE

R.T.: 4.551 min
Delta R.T.: -0.005 min
Response: 273134
Conc: 2.19 ug/ml



#4 N-UNDECANE

R.T.: 5.698 min
Delta R.T.: 0.003 min
Response: 450816
Conc: 3.62 ug/ml



#5 N-DODECANE

R.T.: 6.713 min
Delta R.T.: -0.014 min
Response: 278703
Conc: 2.23 ug/ml

Instrument :

FID_E

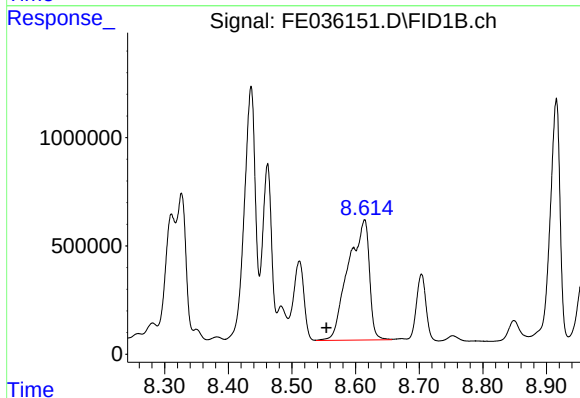
ClientSampleId :

GATE-6-JET-GROUT-SPOILSMS

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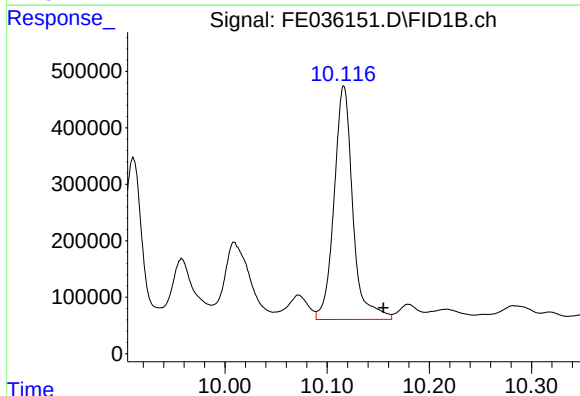
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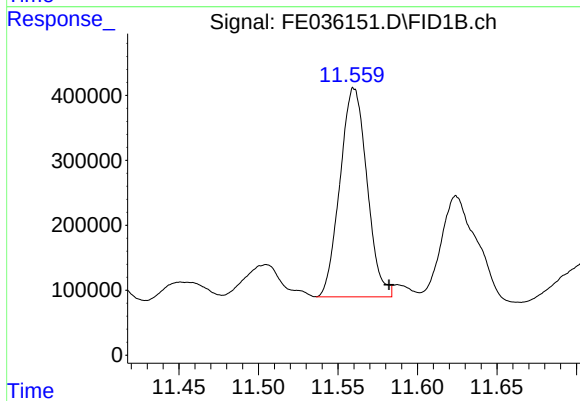
#6 N-TETRADECANE

R.T.: 8.614 min
Delta R.T.: 0.060 min
Response: 12804640
Conc: 102.74 ug/ml m



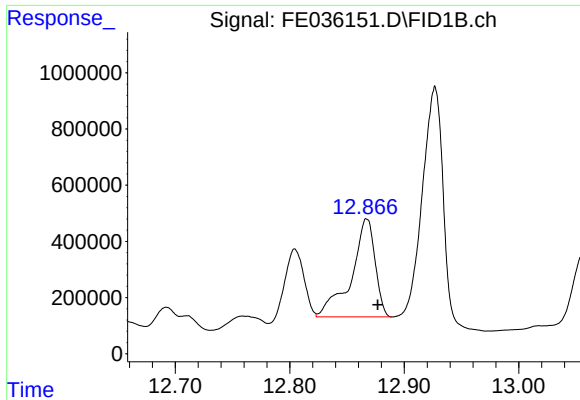
#7 N-HEXADECANE

R.T.: 10.116 min
Delta R.T.: -0.039 min
Response: 5264039
Conc: 42.86 ug/ml



#8 N-OCTADECANE

R.T.: 11.559 min
Delta R.T.: -0.023 min
Response: 3806264
Conc: 30.78 ug/ml m



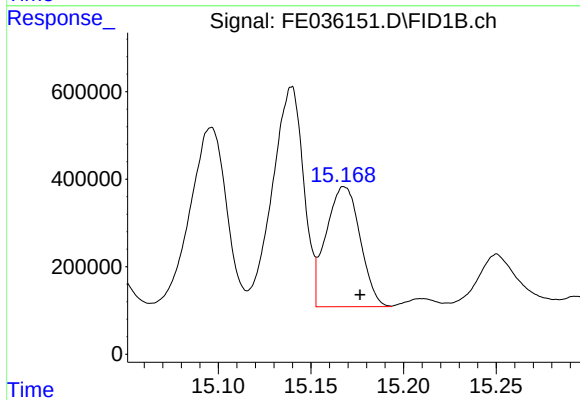
#9 N-EICOSANE

R.T.: 12.866 min
Delta R.T.: -0.011 min
Response: 5032683
Conc: 41.67 ug/ml

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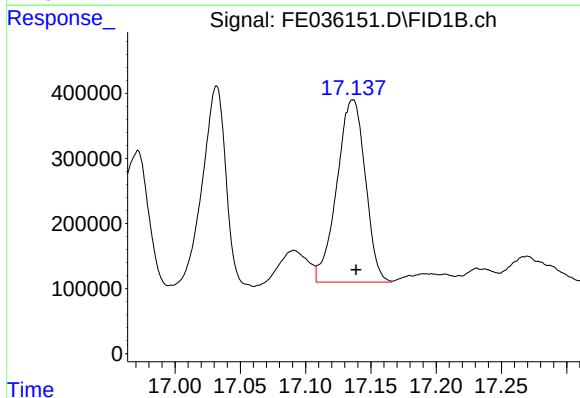
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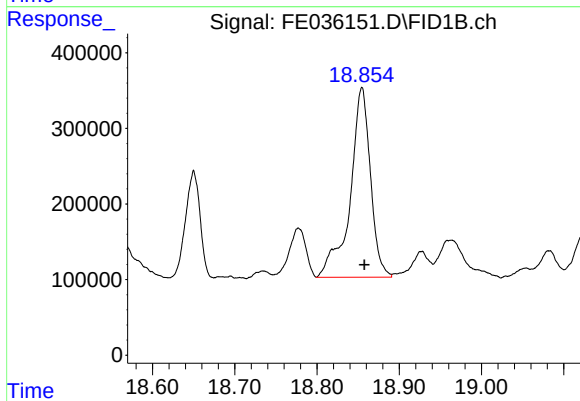
#10 N-TETRACOSANE

R.T.: 15.168 min
Delta R.T.: -0.009 min
Response: 3487079
Conc: 29.72 ug/ml m



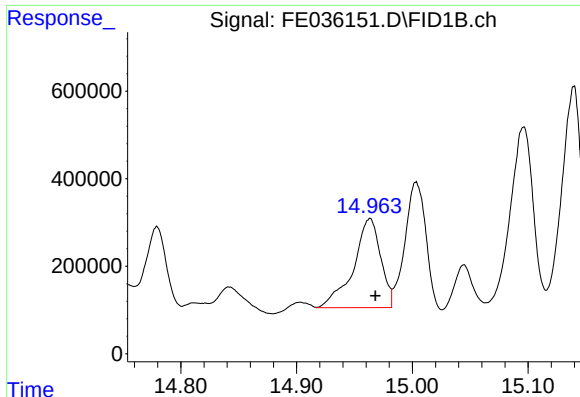
#11 N-OCTACOSANE

R.T.: 17.137 min
Delta R.T.: -0.002 min
Response: 4234248
Conc: 37.44 ug/ml m



#12 N-DOTRIACONTANE

R.T.: 18.854 min
Delta R.T.: -0.003 min
Response: 4310349
Conc: 39.41 ug/ml m



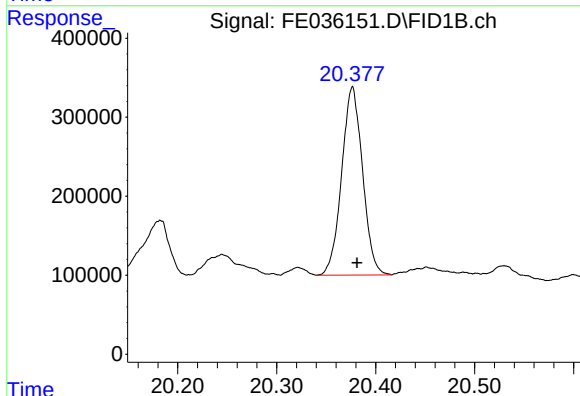
#13 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.963 min
Delta R.T.: -0.005 min
Response: 3343909
Conc: 23.12 ug/ml

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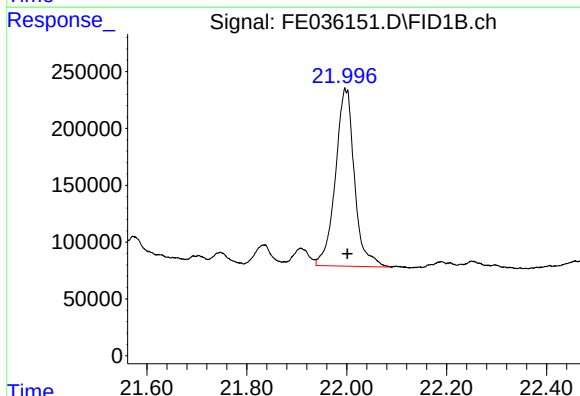
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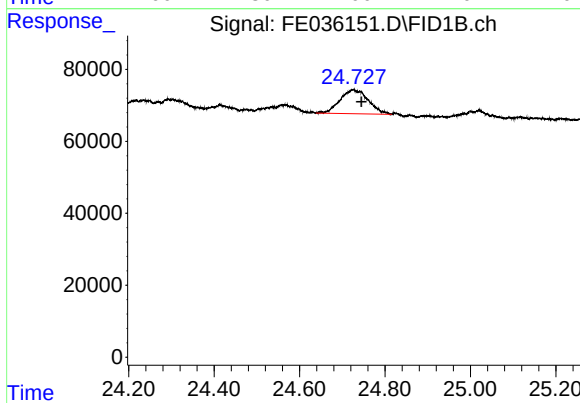
#14 N-HEXATRIACONTANE

R.T.: 20.377 min
Delta R.T.: -0.005 min
Response: 3494884
Conc: 35.51 ug/ml m



#15 N-TETRACONTANE

R.T.: 21.997 min
Delta R.T.: -0.005 min
Response: 4127145
Conc: 42.47 ug/ml



#16 N-TETRTETRACOOCTANE

R.T.: 24.727 min
Delta R.T.: -0.018 min
Response: 308115
Conc: 3.05 ug/ml