

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062222\
 Data File : FE036152.D
 Signal(s) : FID1B.ch
 Acq On : 22 Jun 2022 12:38
 Operator : YP\AJ
 Sample : N3203-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

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 02:36:35 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	3506647	24.248 ug/mlm
Target Compounds			
1) N-OCTANE	1.986	2280711	19.362 ug/ml
2) N-NONANE	3.262	15545	0.127 ug/mlm
3) N-DECANE	4.551	292519	2.349 ug/ml
4) N-UNDECANE	5.699	470508	3.773 ug/ml
5) N-DODECANE	6.713	231889	1.854 ug/ml
6) N-TETRADECANE	8.614	13538947	108.629 ug/mlm
7) N-HEXADECANE	10.117	5619449	45.751 ug/ml
8) N-OCTADECANE	11.562	4076807	32.964 ug/mlm
9) N-EICOSANE	12.867	5379030	44.540 ug/mlm
10) N-TETRACOSANE	15.166	3595036	30.635 ug/mlm
11) N-OCTACOSANE	17.136	4435286	39.220 ug/mlm
12) N-DOTRIACONTANE	18.856	4388119	40.118 ug/mlm
14) N-HEXATRIACONTANE	20.377	3688357	37.472 ug/mlm
15) N-TETRACONTANE	21.997	4382967	45.101 ug/ml
16) N-TETRTETRACOOCTANE	24.734	364827	3.610 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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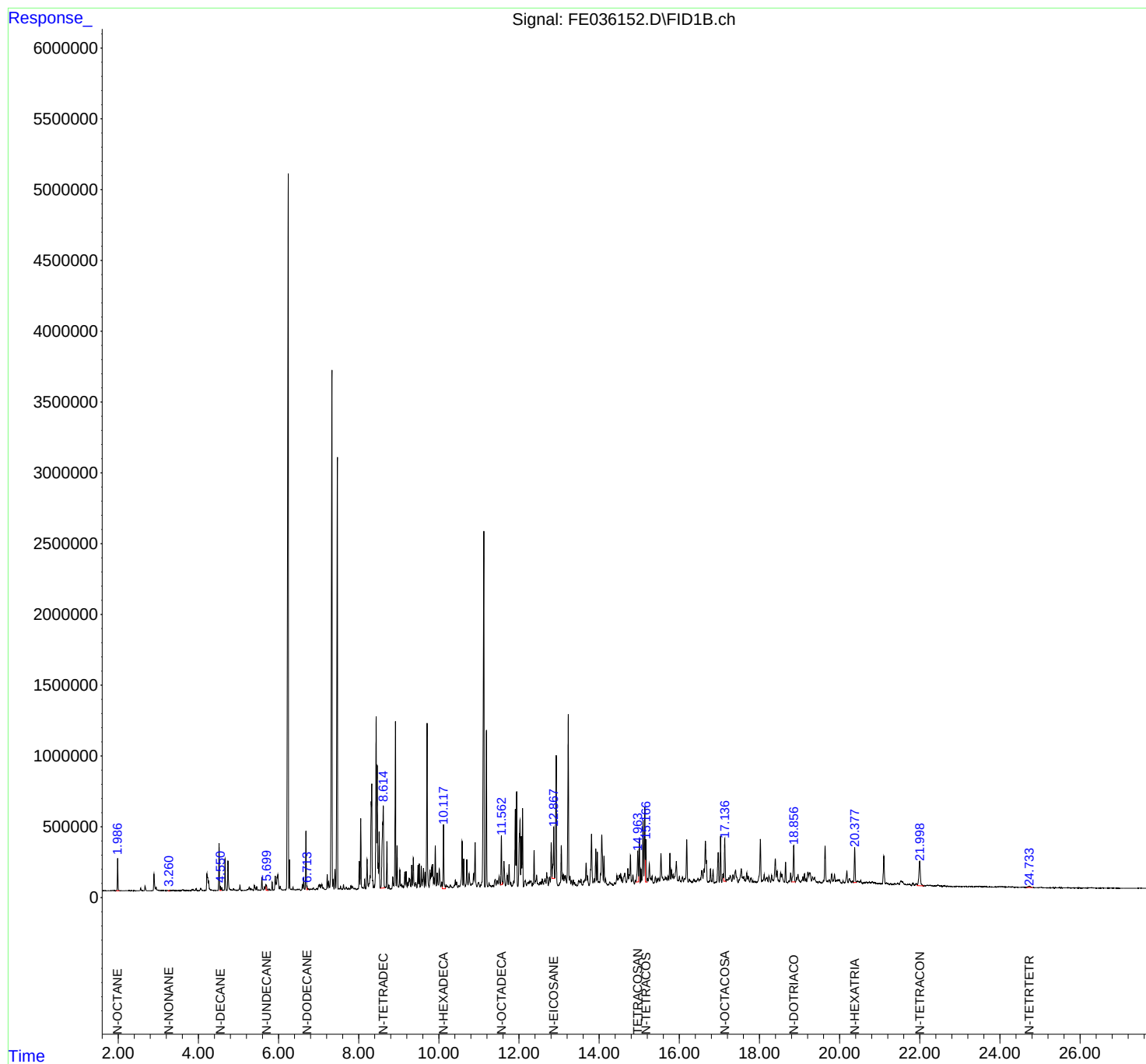
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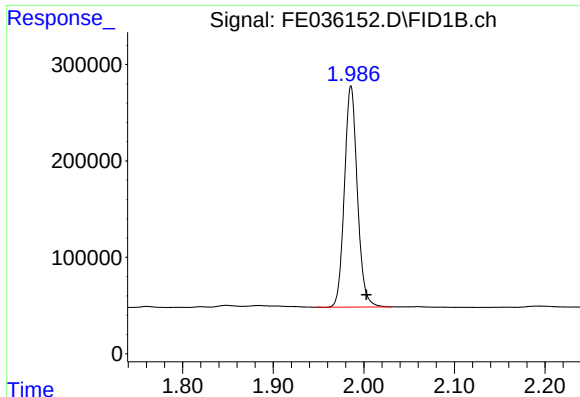
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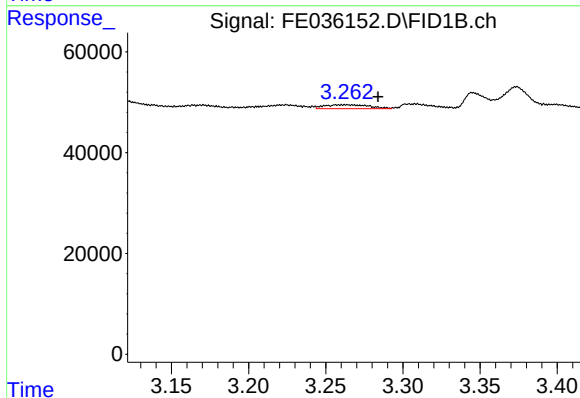
#1 N-OCTANE

R.T.: 1.986 min
Delta R.T.: -0.017 min
Response: 2280711
Conc: 19.36 ug/ml

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

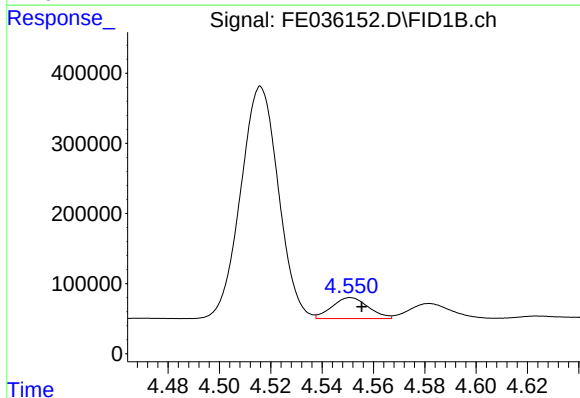
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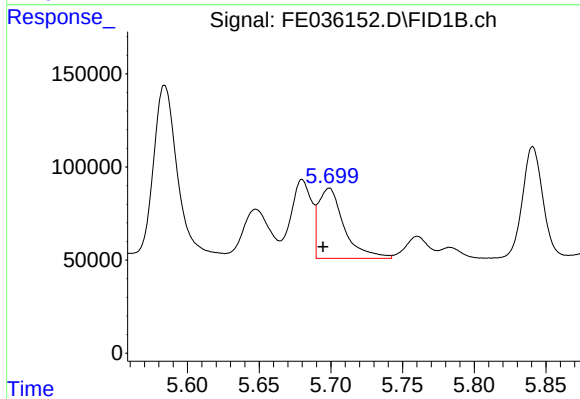
#2 N-NONANE

R.T.: 3.262 min
Delta R.T.: -0.022 min
Response: 15545
Conc: 0.13 ug/ml m



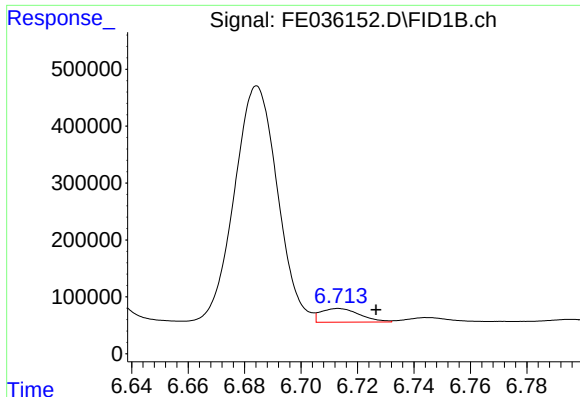
#3 N-DECANE

R.T.: 4.551 min
Delta R.T.: -0.004 min
Response: 292519
Conc: 2.35 ug/ml



#4 N-UNDECANE

R.T.: 5.699 min
Delta R.T.: 0.004 min
Response: 470508
Conc: 3.77 ug/ml



#5 N-DODECANE

R.T.: 6.713 min
Delta R.T.: -0.013 min
Response: 231889
Conc: 1.85 ug/ml

Instrument :

FID_E

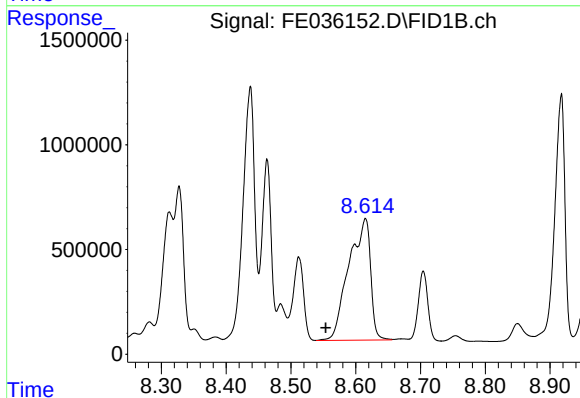
ClientSampleId :

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Manual Integrations

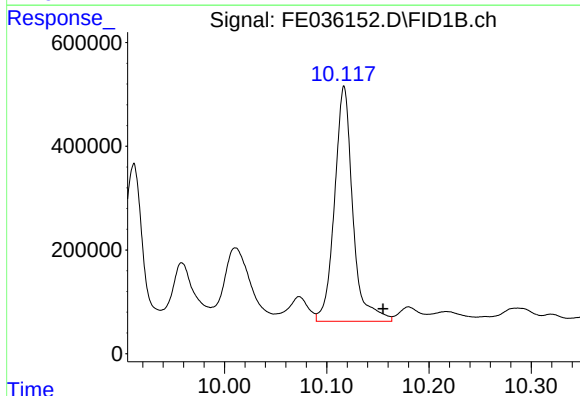
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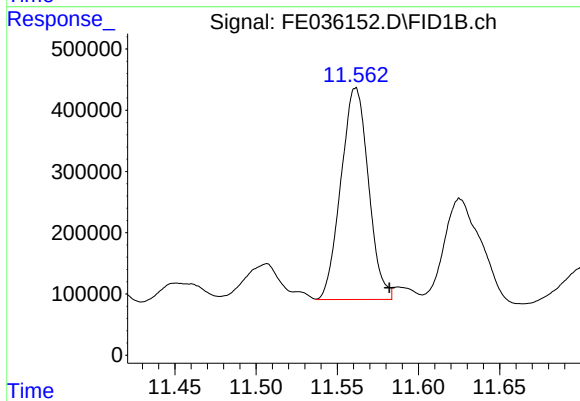
#6 N-TETRADECANE

R.T.: 8.614 min
Delta R.T.: 0.060 min
Response: 13538947
Conc: 108.63 ug/ml m



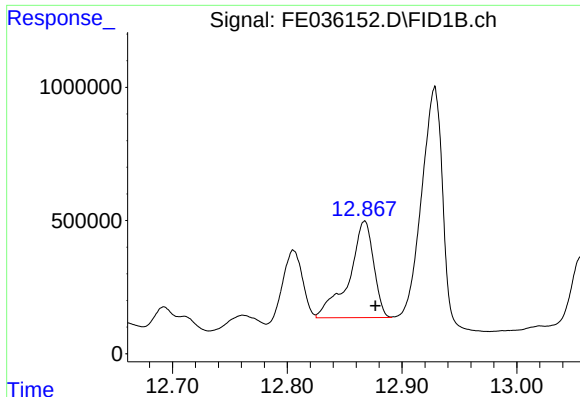
#7 N-HEXADECANE

R.T.: 10.117 min
Delta R.T.: -0.038 min
Response: 5619449
Conc: 45.75 ug/ml



#8 N-OCTADECANE

R.T.: 11.562 min
Delta R.T.: -0.021 min
Response: 4076807
Conc: 32.96 ug/ml m



#9 N-EICOSANE

R.T.: 12.867 min
Delta R.T.: -0.009 min
Response: 5379030
Conc: 44.54 ug/ml

Instrument :

FID_E

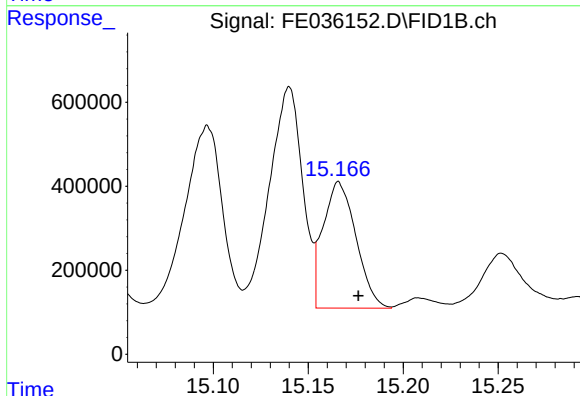
ClientSampleId :

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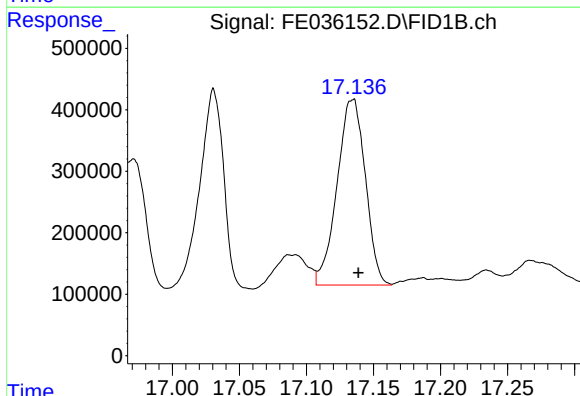
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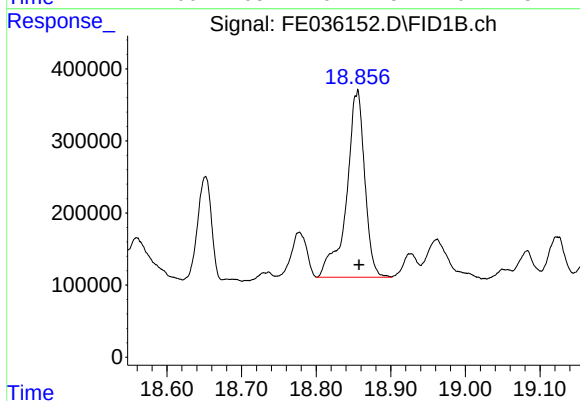
#10 N-TETRACOSANE

R.T.: 15.166 min
Delta R.T.: -0.011 min
Response: 3595036
Conc: 30.64 ug/ml m



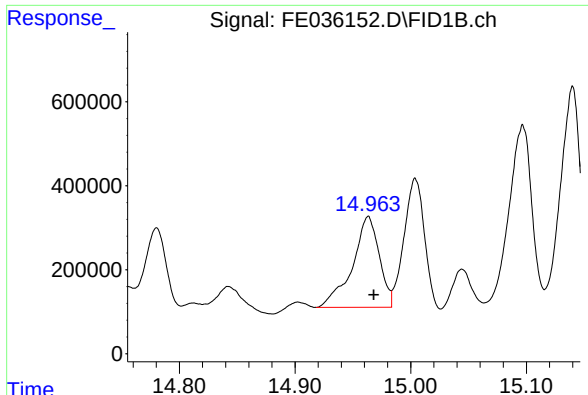
#11 N-OCTACOSANE

R.T.: 17.136 min
Delta R.T.: -0.003 min
Response: 4435286
Conc: 39.22 ug/ml m



#12 N-DOTRIACONTANE

R.T.: 18.856 min
Delta R.T.: -0.002 min
Response: 4388119
Conc: 40.12 ug/ml m



#13 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.963 min
Delta R.T.: -0.005 min
Response: 3506647
Conc: 24.25 ug/ml

Instrument :

FID_E

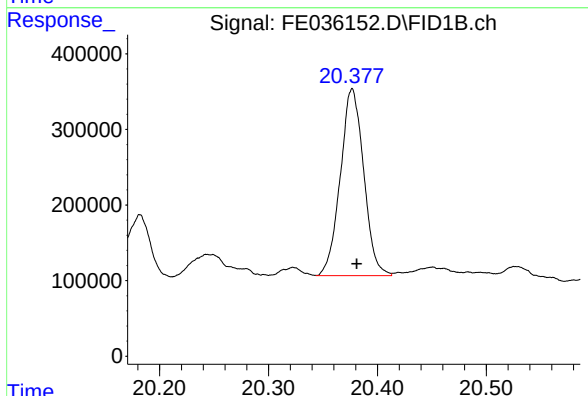
ClientSampleId :

GATE-6-JET-GROUT-SPOILSMRD

Manual Integrations

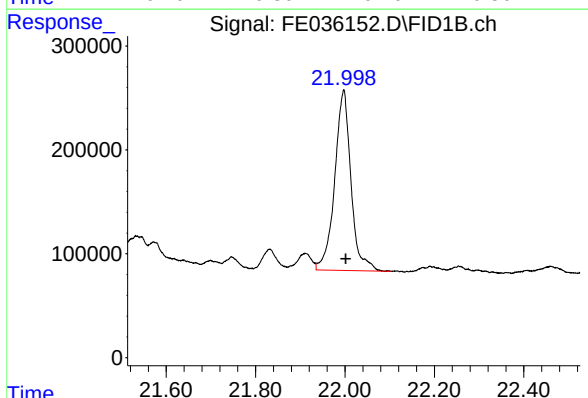
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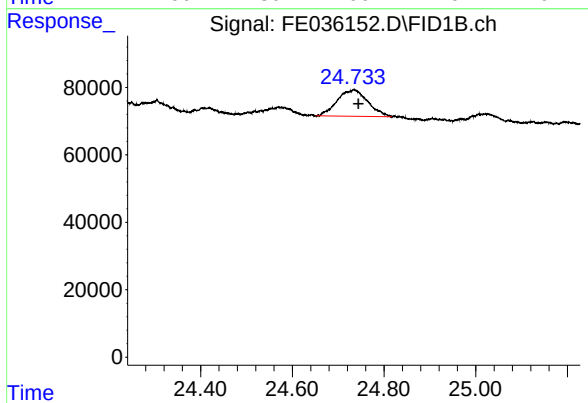
#14 N-HEXATRIACONTANE

R.T.: 20.377 min
Delta R.T.: -0.004 min
Response: 3688357
Conc: 37.47 ug/ml m



#15 N-TETRACONTANE

R.T.: 21.997 min
Delta R.T.: -0.004 min
Response: 4382967
Conc: 45.10 ug/ml



#16 N-TETRTETRACOOCTANE

R.T.: 24.734 min
Delta R.T.: -0.010 min
Response: 364827
Conc: 3.61 ug/ml