Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG031519\
Data File : FG004195.D
Signal(s) : FID1A.ch
Acq On : 14 Mar 2019 17:26
Operator : AJ\SJ
Sample : #4 FUEL OIL STD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Mar 15 03:23:28 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG030419.M
Quant Title :
QLast Update : Tue Mar 05 03:05:54 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
	Target Compounds			
1)	N-OCTANE	2.091	166558	1.267 ug/ml
2)	N-DECANE	4.168	2060204	15.409 ug/ml
3)	N-DODECANE	6.195	5550430	40.942 ug/ml
4)	N-TETRADECANE	7.991	6454100	46.284 ug/ml
5)	N-HEXADECANE	9.593	6147303	43.194 ug/ml
6)	N-OCTADECANE	11.034	4505904	31.406 ug/ml
7)	N-EICOSANE	12.342	2551630	17.862 ug/ml
8)	N-DOCOSANE	13.541	806258	5.680 ug/ml
10)	N-TETRACOSANE	14.644	282626	2.004 ug/ml
15)	N-TETRATRIACONTANE	19.128	56561	0.477 ug/ml
16)	N-HEXATRIACONTANE	19.911	1564169	14.129 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

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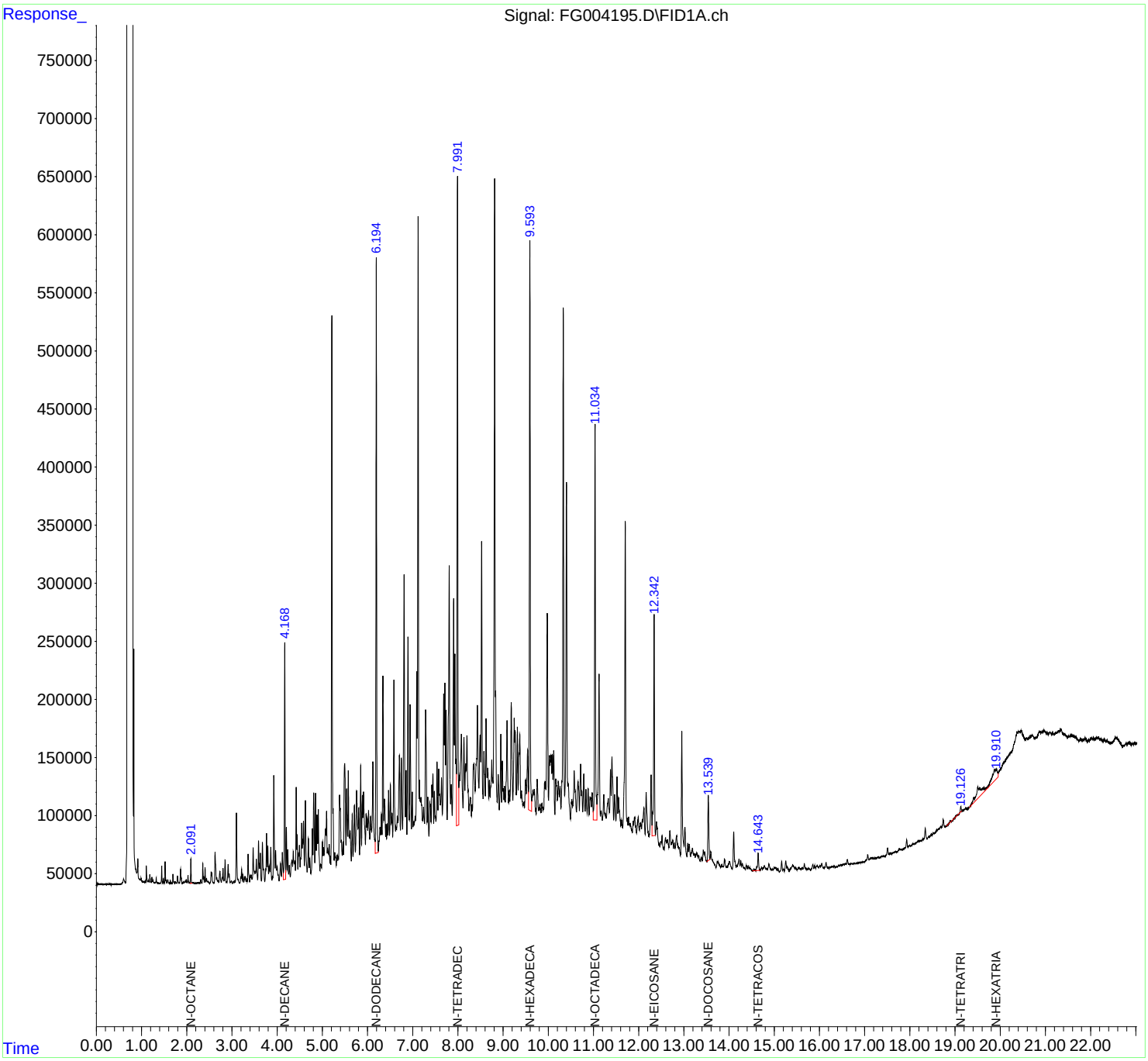
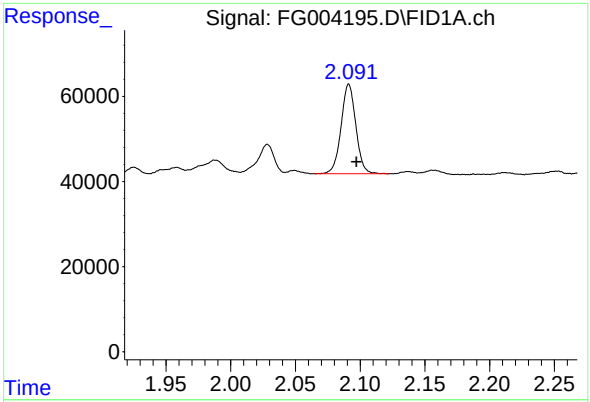
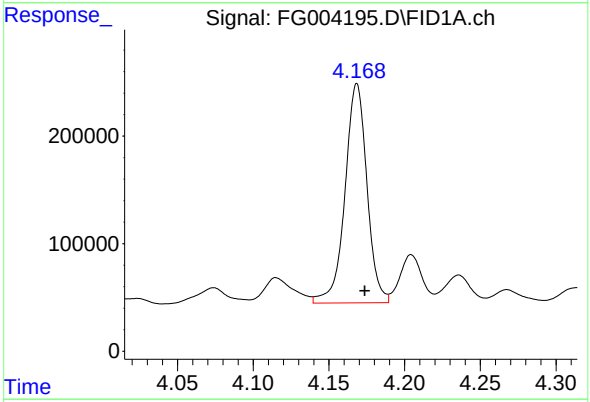




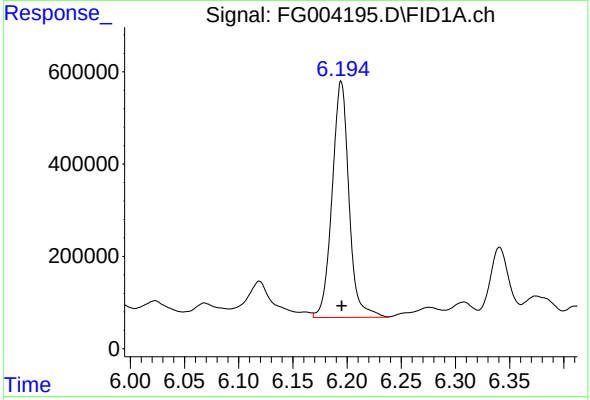
#1 N-OCTANE

R.T.: 2.091 min
Delta R.T.: -0.006 min
Response: 166558
Conc: 1.27 ug/ml



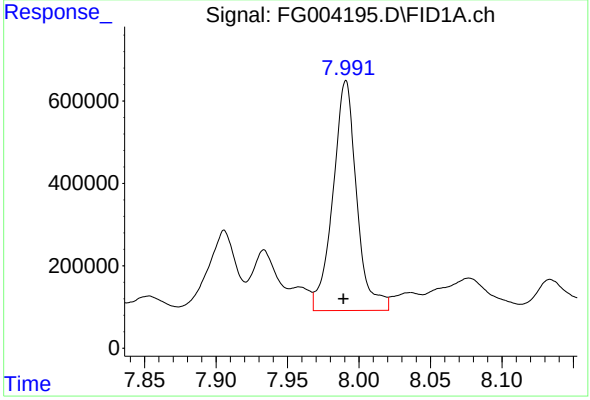
#2 N-DECANE

R.T.: 4.168 min
Delta R.T.: -0.005 min
Response: 2060204
Conc: 15.41 ug/ml



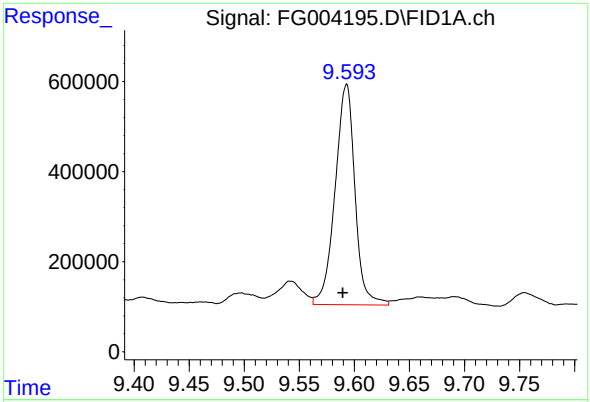
#3 N-DODECANE

R.T.: 6.195 min
Delta R.T.: 0.000 min
Response: 5550430
Conc: 40.94 ug/ml



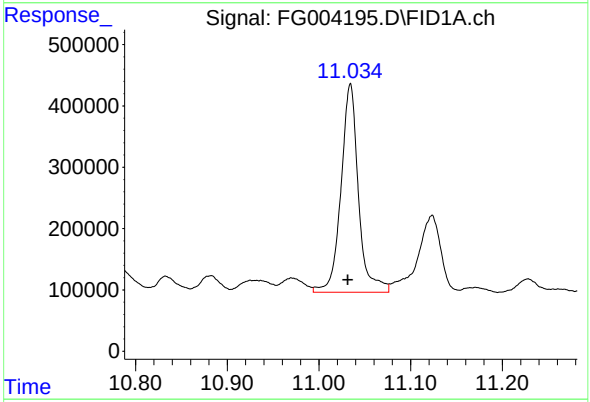
#4 N-TETRADECANE

R.T.: 7.991 min
Delta R.T.: 0.002 min
Response: 6454100
Conc: 46.28 ug/ml



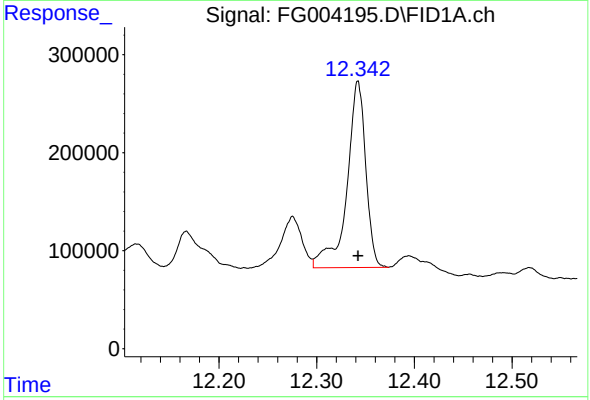
#5 N-HEXADECANE

R.T.: 9.593 min
Delta R.T.: 0.003 min
Response: 6147303
Conc: 43.19 ug/ml



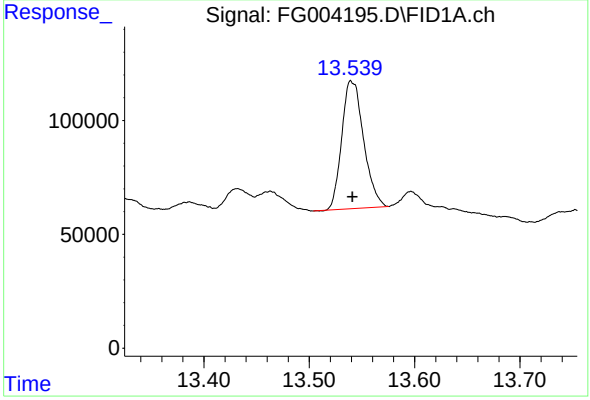
#6 N-OCTADECANE

R.T.: 11.034 min
Delta R.T.: 0.003 min
Response: 4505904
Conc: 31.41 ug/ml



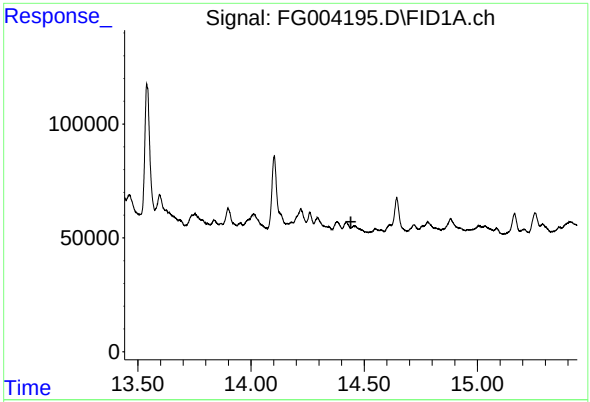
#7 N-EICOSANE

R.T.: 12.342 min
Delta R.T.: 0.000 min
Response: 2551630
Conc: 17.86 ug/ml



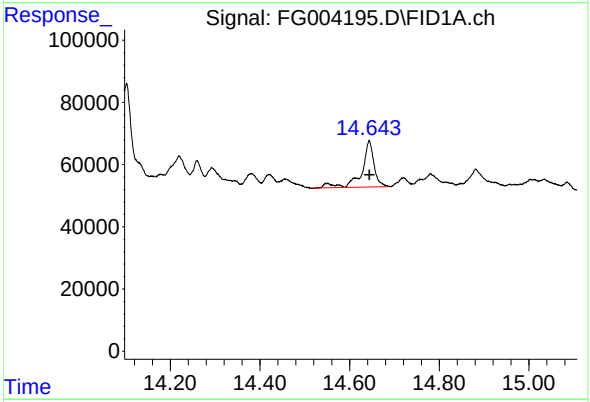
#8 N-DOCOSANE

R.T.: 13.541 min
Delta R.T.: 0.000 min
Response: 806258
Conc: 5.68 ug/ml



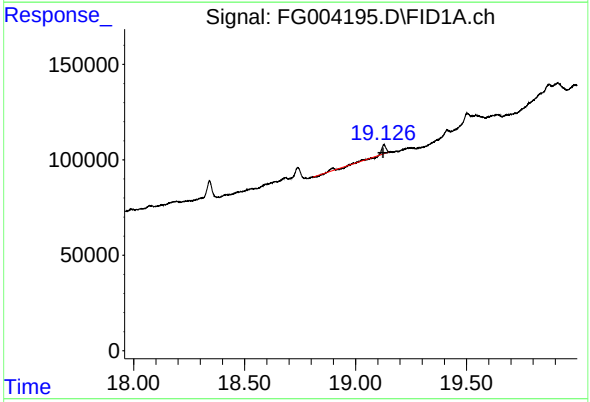
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 0.000 min
Exp R.T. : 14.441 min
Response: 0
Conc: N.D.



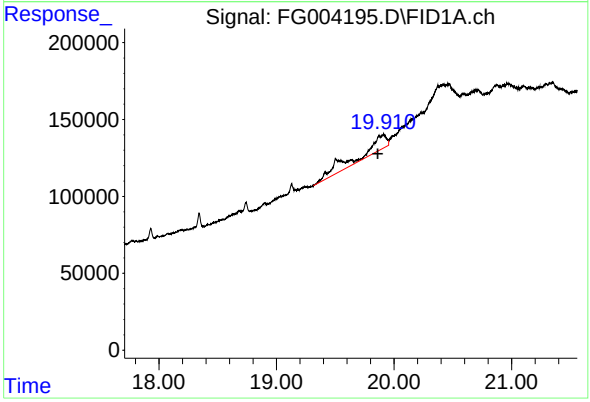
#10 N-TETRACOSANE

R.T.: 14.644 min
Delta R.T.: 0.000 min
Response: 282626
Conc: 2.00 ug/ml



#15 N-TETRATRIACONTANE

R.T.: 19.128 min
Delta R.T.: 0.004 min
Response: 56561
Conc: 0.48 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 19.911 min
Delta R.T.: 0.049 min
Response: 1564169
Conc: 14.13 ug/ml