Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032020\
Data File : FE031528.D
Signal(s) : FID1B.CH
Acq On : 20 Mar 2020 11:13
Operator : DD\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Mar 20 23:24:55 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE031020.M
Quant Title :
QLast Update : Fri Mar 20 08:17:28 2020
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	TETRACOSANE-d50 (SURR...	14.441	18721520	50.725 ug/ml
	Target Compounds			
2)	N-DECANE	4.186	21708010	54.481 ug/ml
3)	N-DODECANE	6.194	22342327	54.532 ug/ml
4)	N-TETRADECANE	7.989	22385957	53.827 ug/ml
5)	N-HEXADECANE	9.589	22581582	53.105 ug/ml
6)	N-OCTADECANE	11.032	22451117	52.424 ug/ml
7)	N-EICOSANE	12.343	22129068	51.767 ug/ml
8)	N-DOCOSANE	13.541	21808537	51.115 ug/ml
10)	N-TETRACOSANE	14.647	21460893	50.395 ug/ml
11)	N-HEXACOSANE	15.668	21000552	49.999 ug/ml
12)	N-OCTACOSANE	16.619	20956627	49.933 ug/ml

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

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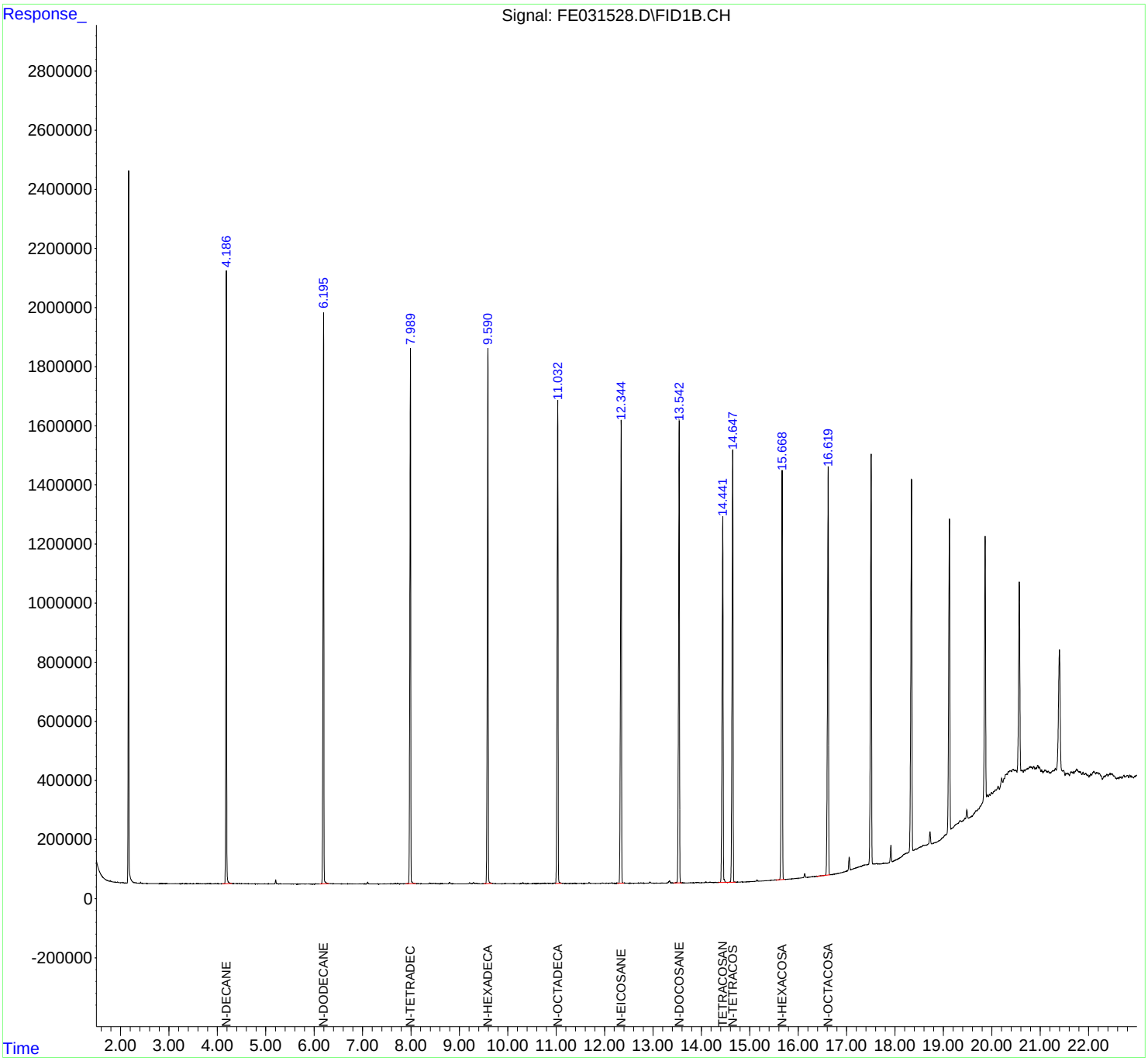
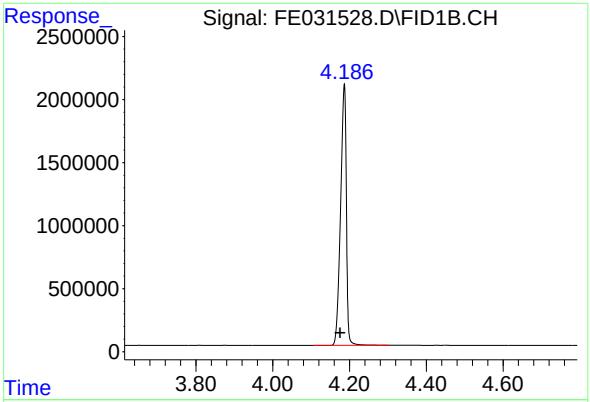
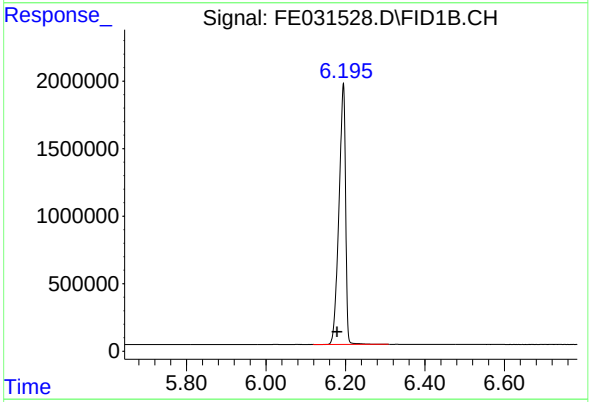




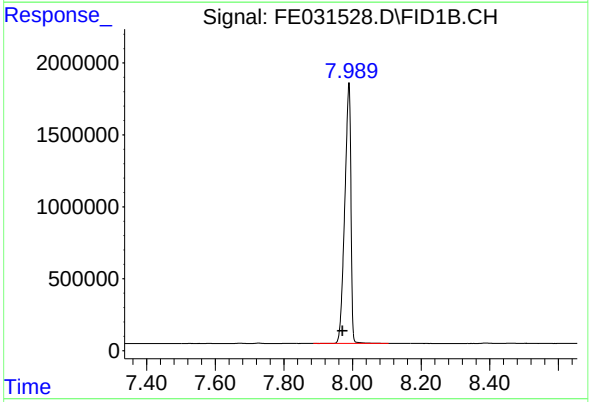
#2 N-DECANE

R.T.: 4.186 min
Delta R.T.: 0.010 min
Response: 21708010
Conc: 54.48 ug/ml



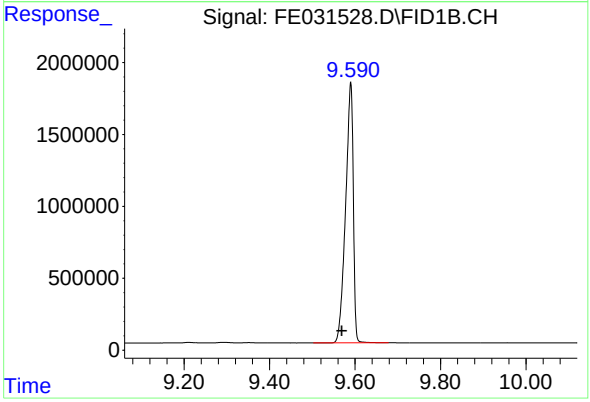
#3 N-DODECANE

R.T.: 6.194 min
Delta R.T.: 0.015 min
Response: 22342327
Conc: 54.53 ug/ml



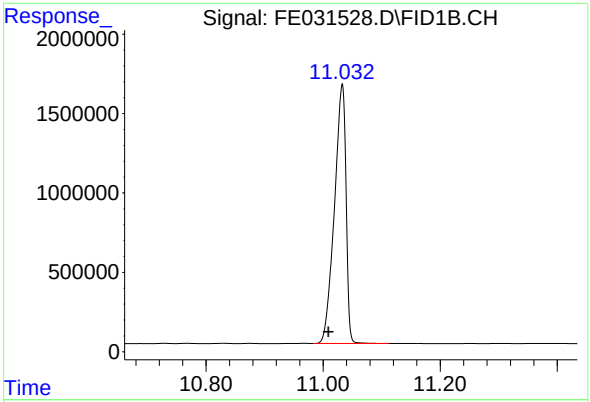
#4 N-TETRADECANE

R.T.: 7.989 min
Delta R.T.: 0.018 min
Response: 22385957
Conc: 53.83 ug/ml



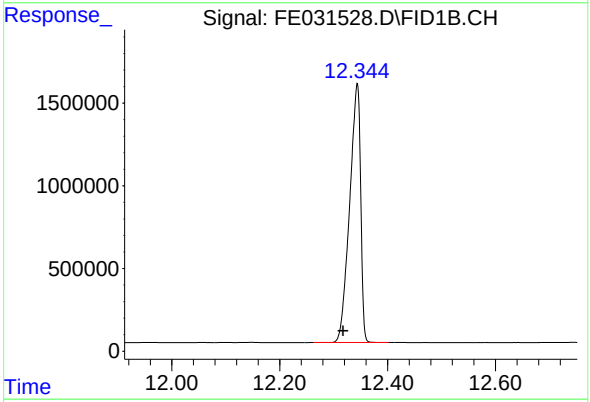
#5 N-HEXADECANE

R.T.: 9.589 min
Delta R.T.: 0.021 min
Response: 22581582
Conc: 53.11 ug/ml



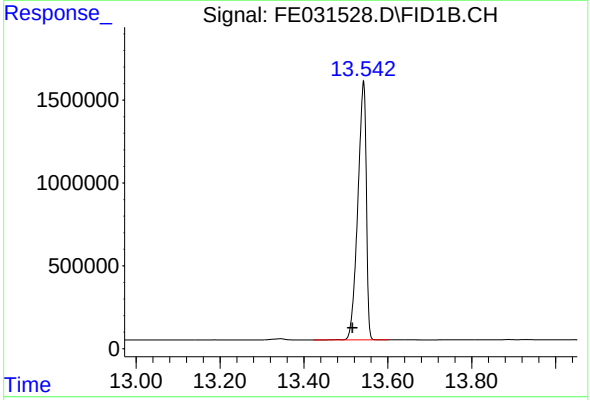
#6 N-OCTADECANE

R.T.: 11.032 min
Delta R.T.: 0.023 min
Response: 22451117
Conc: 52.42 ug/ml



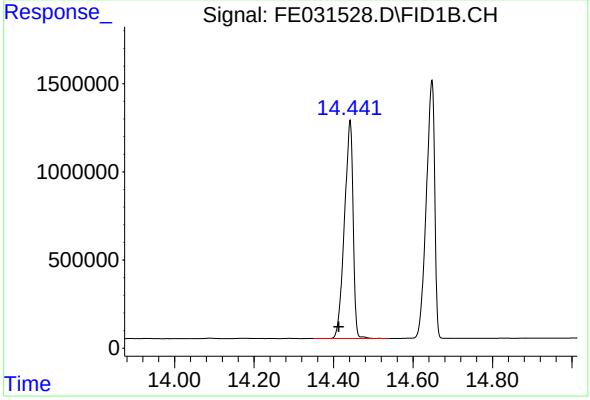
#7 N-EICOSANE

R.T.: 12.343 min
Delta R.T.: 0.025 min
Response: 22129068
Conc: 51.77 ug/ml



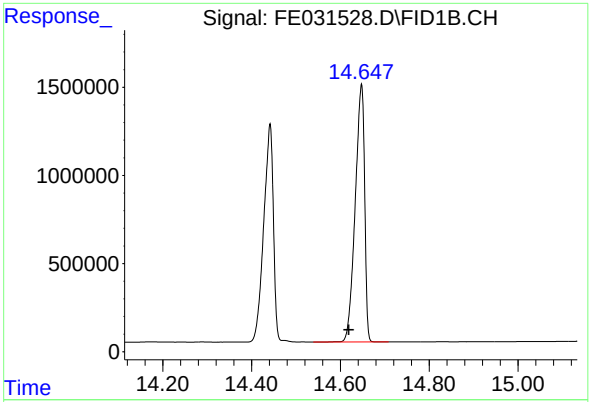
#8 N-DOCOSANE

R.T.: 13.541 min
Delta R.T.: 0.025 min
Response: 21808537
Conc: 51.12 ug/ml



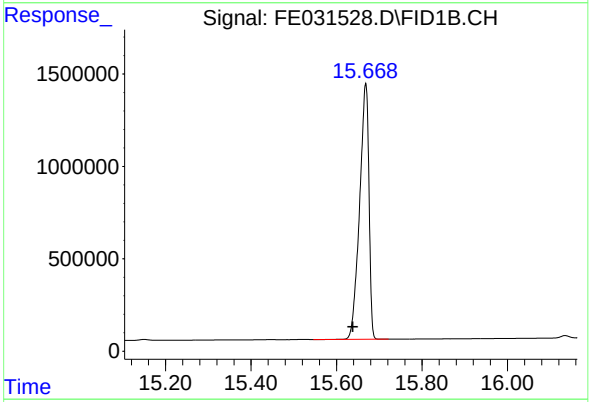
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.441 min
Delta R.T.: 0.028 min
Response: 18721520
Conc: 50.73 ug/ml



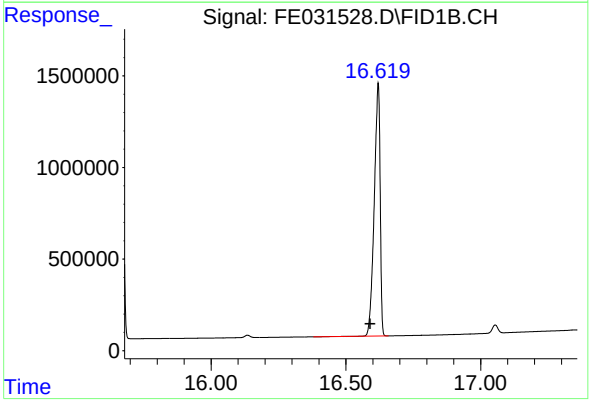
#10 N-TETRACOSANE

R.T.: 14.647 min
Delta R.T.: 0.028 min
Response: 21460893
Conc: 50.39 ug/ml



#11 N-HEXACOSANE

R.T.: 15.668 min
Delta R.T.: 0.030 min
Response: 21000552
Conc: 50.00 ug/ml



#12 N-OCTACOSANE

R.T.: 16.619 min
Delta R.T.: 0.030 min
Response: 20956627
Conc: 49.93 ug/ml