Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060220\
Data File : FE032110.D
Signal(s) : FID1B.CH
Acq On : 02 Jun 2020 10:18
Operator : DD\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Jun 03 01:47:28 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE050720.M
Quant Title :
QLast Update : Thu May 07 13:58:31 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...	14.357	20104221	51.869 ug/ml
Target Compounds				
2)	N-DECANE	4.124	22154986	55.575 ug/ml
3)	N-DODECANE	6.124	23071342	57.079 ug/ml
4)	N-TETRADECANE	7.915	23637237	56.599 ug/ml
5)	N-HEXADECANE	9.512	23313656	54.495 ug/ml
6)	N-OCTADECANE	10.953	24108942	53.745 ug/ml
7)	N-EICOSANE	12.260	23475299	52.935 ug/ml
8)	N-DOCOSANE	13.459	23402628	52.215 ug/ml
10)	N-TETRACOSANE	14.563	22922760	51.786 ug/ml
11)	N-HEXACOSANE	15.584	22139415	50.601 ug/ml
12)	N-OCTACOSANE	16.535	21537683	49.598 ug/ml

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

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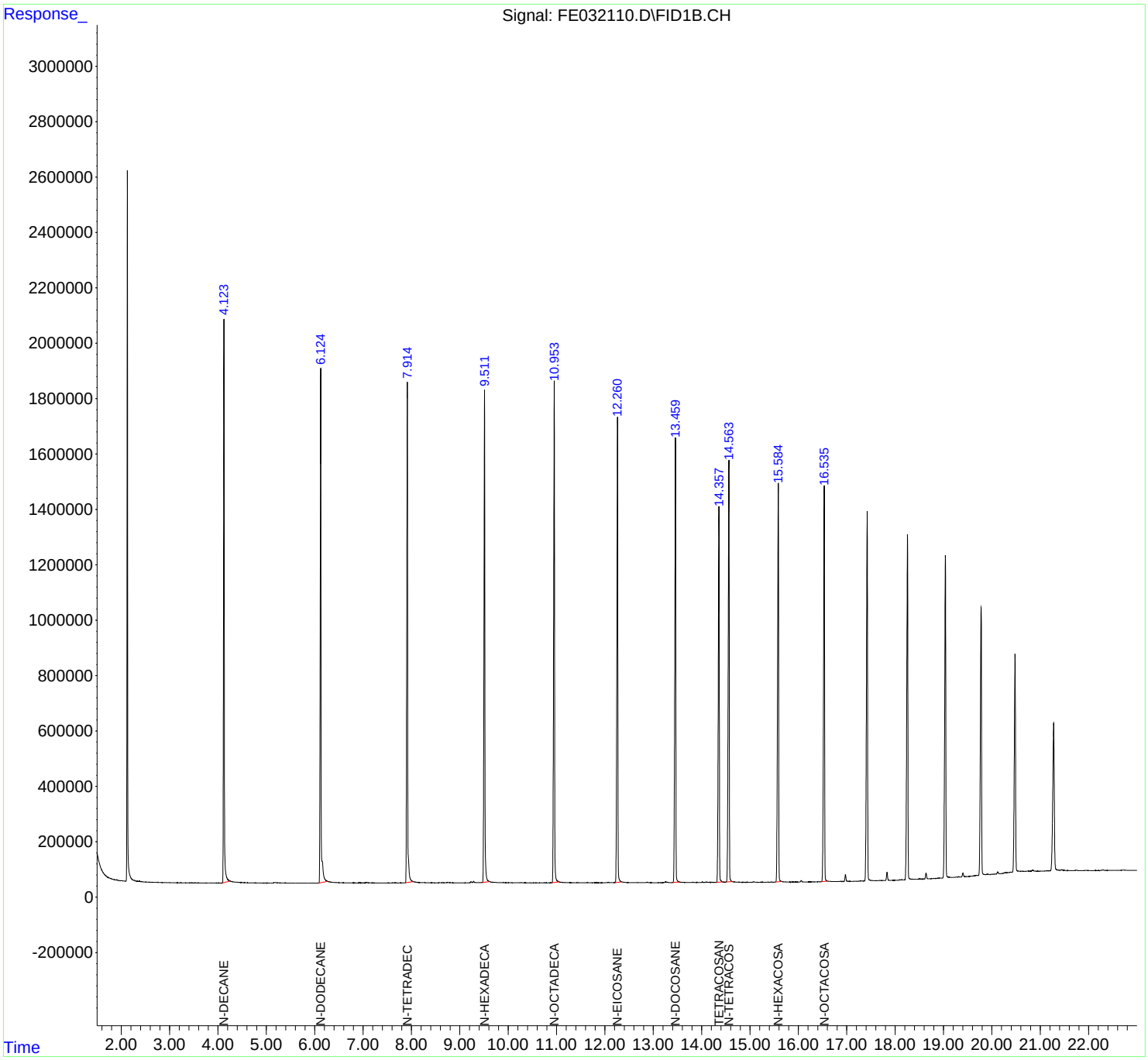
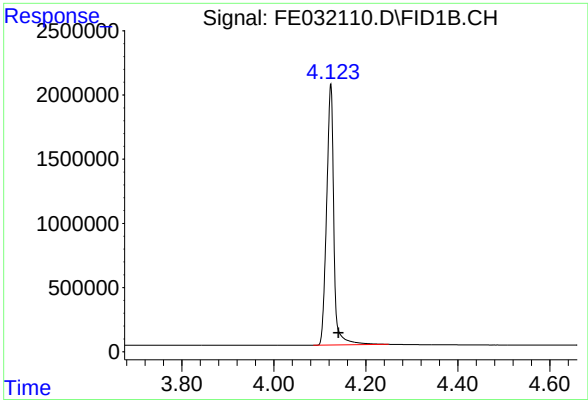
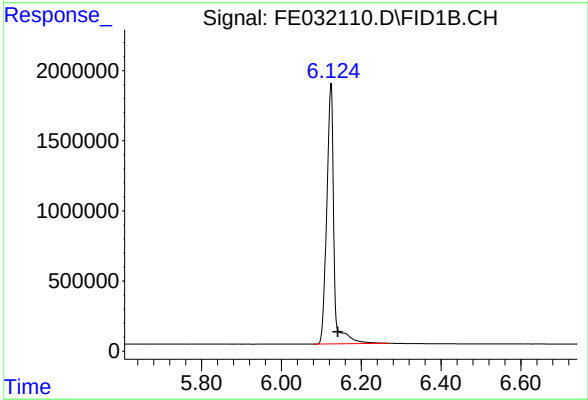




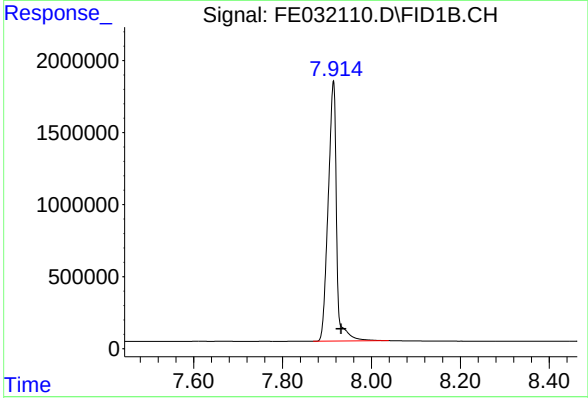
#2 N-DECANE

R.T.: 4.124 min
Delta R.T.: -0.017 min
Response: 22154986
Conc: 55.57 ug/ml



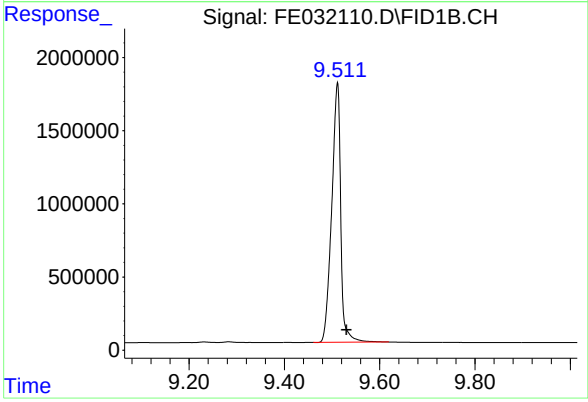
#3 N-DODECANE

R.T.: 6.124 min
Delta R.T.: -0.017 min
Response: 23071342
Conc: 57.08 ug/ml



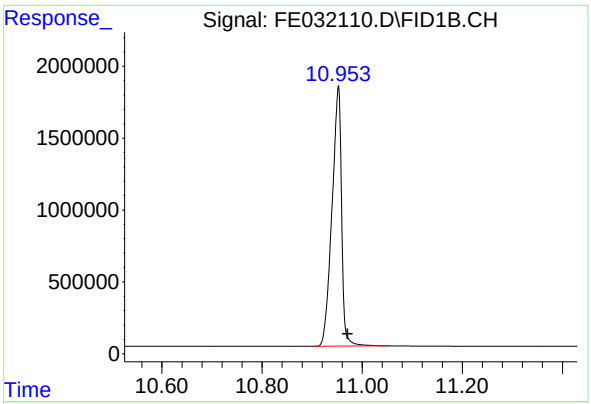
#4 N-TETRADECANE

R.T.: 7.915 min
Delta R.T.: -0.017 min
Response: 23637237
Conc: 56.60 ug/ml



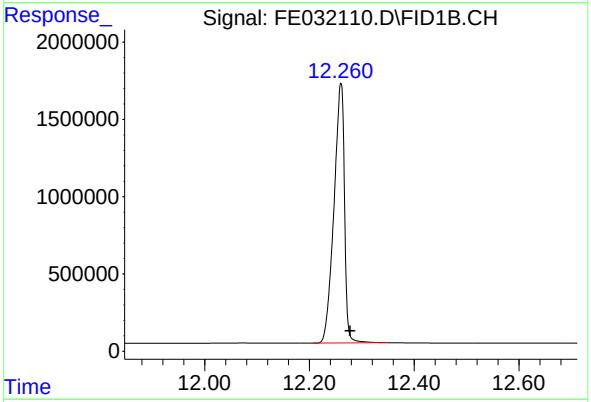
#5 N-HEXADECANE

R.T.: 9.512 min
Delta R.T.: -0.018 min
Response: 23313656
Conc: 54.50 ug/ml



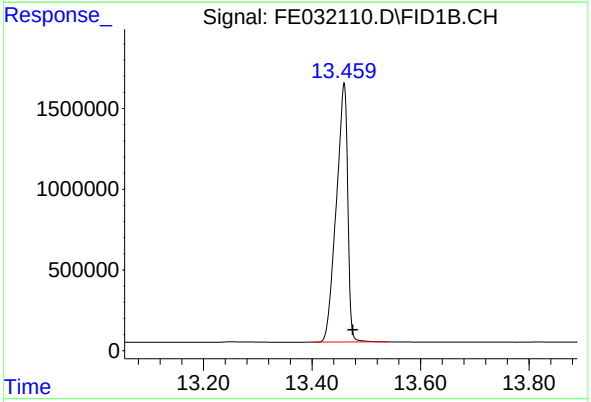
#6 N-OCTADECANE

R.T.: 10.953 min
Delta R.T.: -0.018 min
Response: 24108942
Conc: 53.74 ug/ml



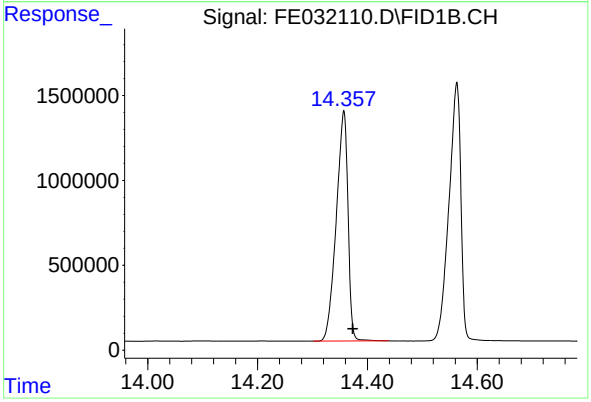
#7 N-EICOSANE

R.T.: 12.260 min
Delta R.T.: -0.017 min
Response: 23475299
Conc: 52.93 ug/ml



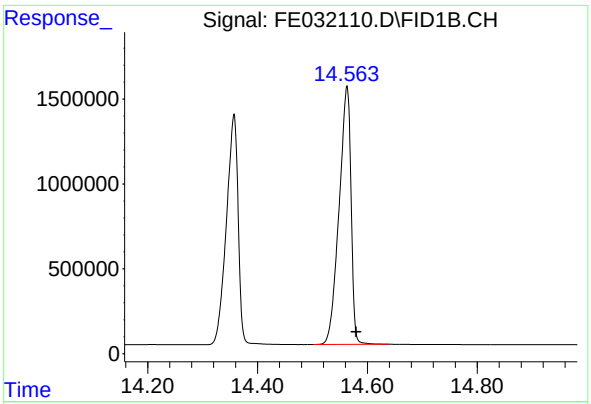
#8 N-DOCOSANE

R.T.: 13.459 min
Delta R.T.: -0.016 min
Response: 23402628
Conc: 52.22 ug/ml



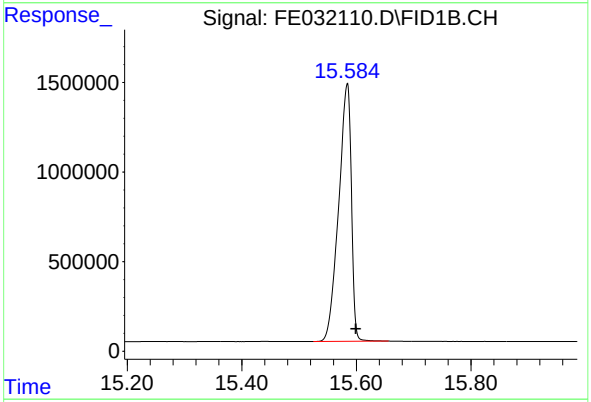
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.357 min
Delta R.T.: -0.016 min
Response: 20104221
Conc: 51.87 ug/ml



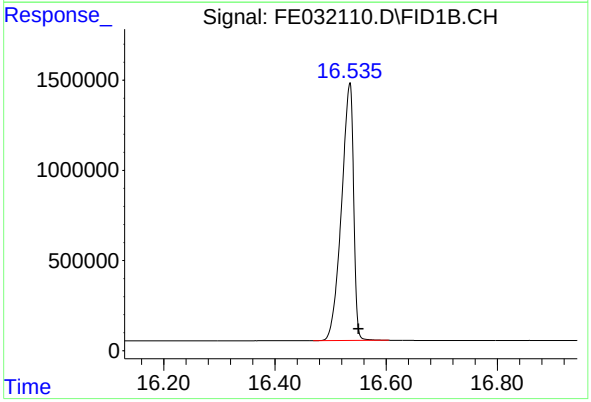
#10 N-TETRACOSANE

R.T.: 14.563 min
Delta R.T.: -0.016 min
Response: 22922760
Conc: 51.79 ug/ml



#11 N-HEXACOSANE

R.T.: 15.584 min
Delta R.T.: -0.015 min
Response: 22139415
Conc: 50.60 ug/ml



#12 N-OCTACOSANE

R.T.: 16.535 min
Delta R.T.: -0.015 min
Response: 21537683
Conc: 49.60 ug/ml