Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062122\
Data File : FE036142.D
Signal(s) : FID1B.ch
Acq On : 21 Jun 2022 20:26
Operator : YP\AJ
Sample : 4400 TRPH STD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
4400 TRPH STD

Integration File: autoint1.e
Quant Time: Jun 22 08:49:48 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\C44-FE062122.M
Quant Title :
QLast Update : Wed Jun 22 08:44:52 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	6910462	50.000	ug/ml
	Target Compounds				
1)	N-OCTANE	1.995	44834130	400.000	ug/ml
2)	N-NONANE	3.272	46500151	400.000	ug/ml
3)	N-DECANE	4.540	71040478	600.000	ug/ml
4)	N-UNDECANE	5.679	71077688	600.000	ug/ml
5)	N-DODECANE	6.709	71281517	600.000	ug/ml
6)	N-TETRADECANE	8.536	71194366	600.000	ug/ml
7)	N-HEXADECANE	10.139	58415919	500.000	ug/ml
8)	N-OCTADECANE	11.569	29438115	250.000	ug/ml
9)	N-EICOSANE	12.869	11544020	100.000	ug/ml
10)	N-TETRACOSANE	15.170	11242947	100.000	ug/ml
11)	N-OCTACOSANE	17.135	5387369	50.000	ug/ml
12)	N-DOTRIACONTANE	18.853	5065402	50.000	ug/ml
14)	N-HEXATRIACONTANE	20.377	4661225	50.000	ug/ml
15)	N-TETRACONTANE	21.992	4676549	50.000	ug/ml
16)	N-TETRTETRACOCTANE	24.734	4963730	50.000	ug/ml

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

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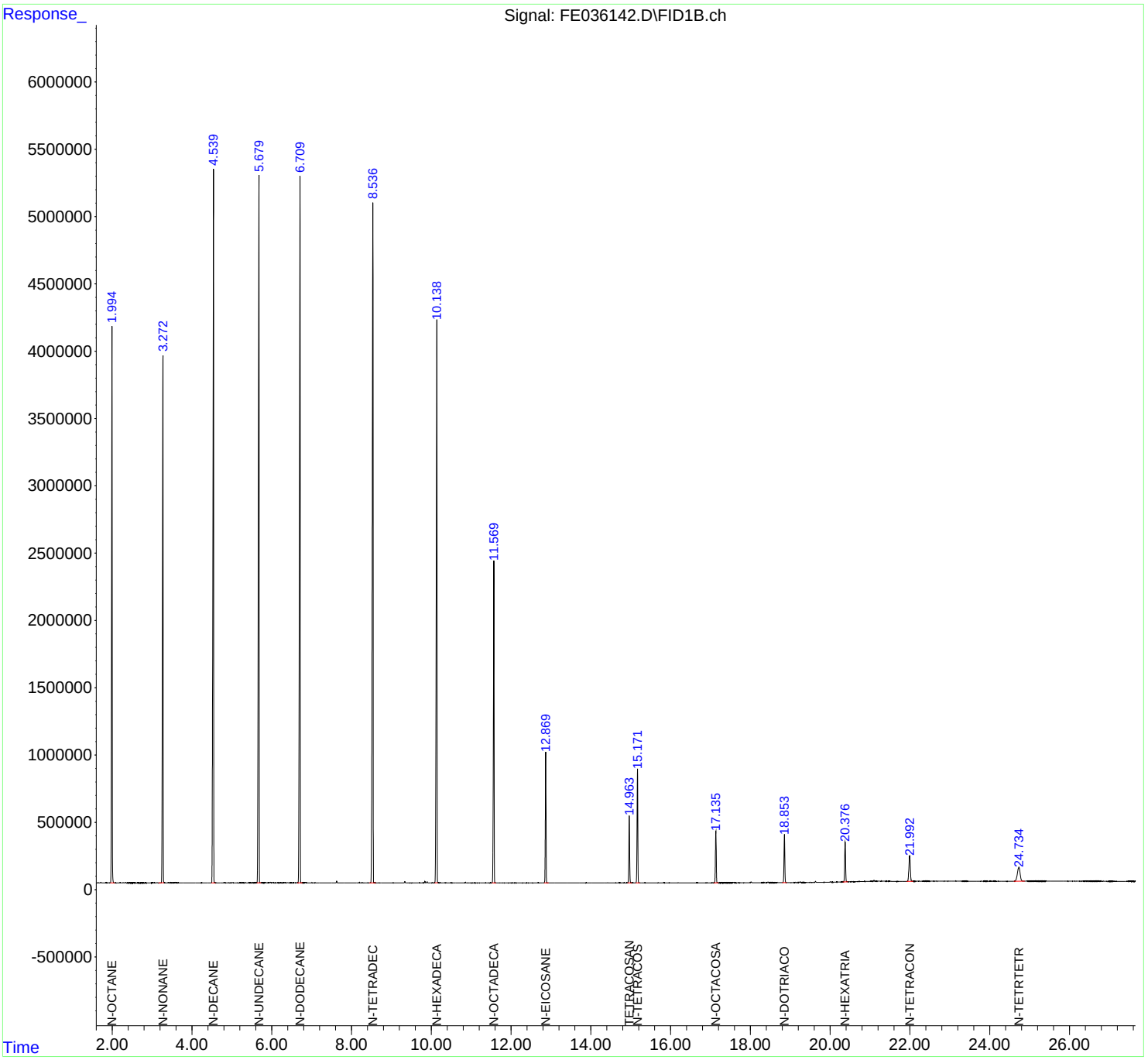
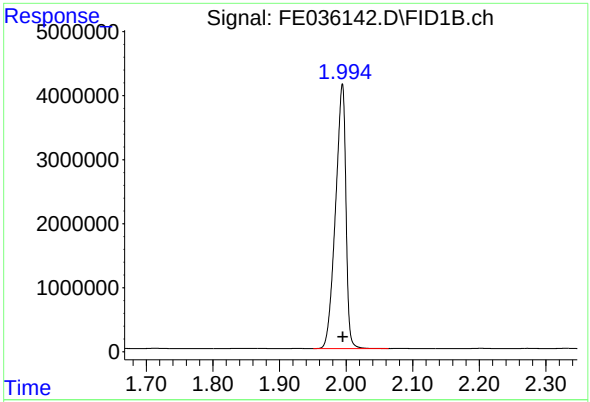
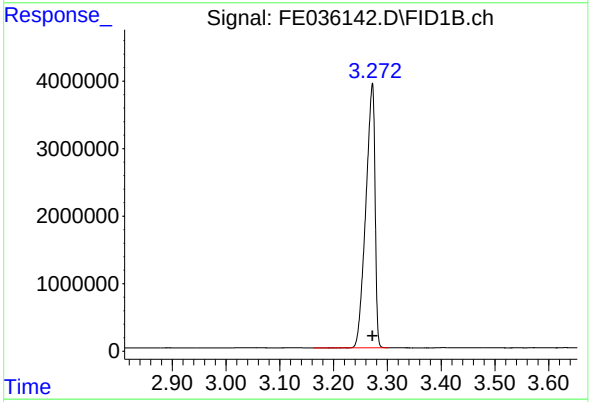




#1 N-OCTANE

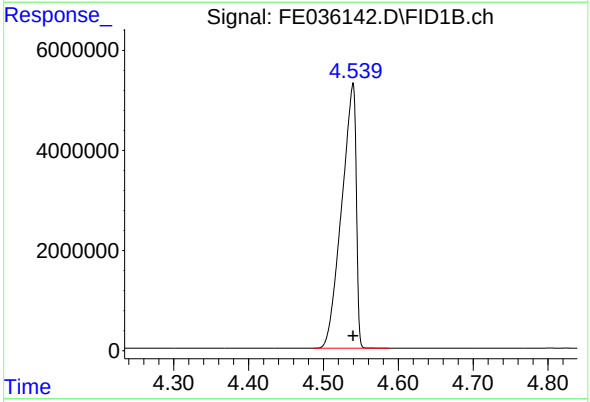
R.T.: 1.995 min
Delta R.T.: 0.000 min
Response: 44834130
Conc: 400.00 ug/ml

Instrument :
FID_E
ClientSampleId :
4400 TRPH STD



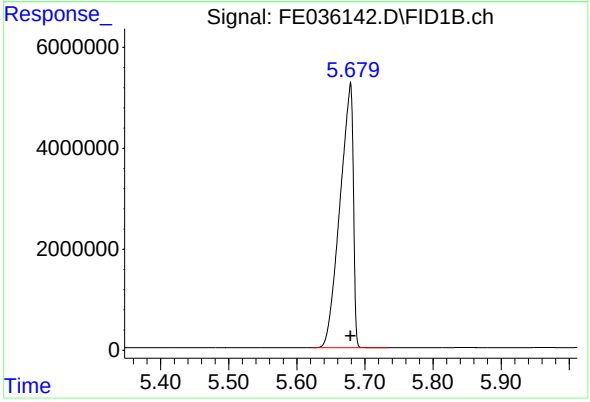
#2 N-NONANE

R.T.: 3.272 min
Delta R.T.: 0.000 min
Response: 46500151
Conc: 400.00 ug/ml



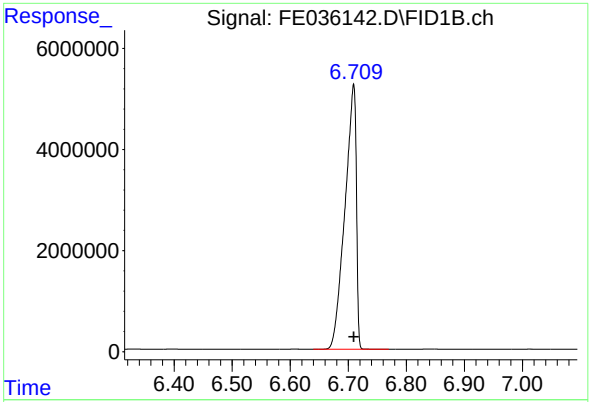
#3 N-DECANE

R.T.: 4.540 min
Delta R.T.: 0.000 min
Response: 71040478
Conc: 600.00 ug/ml



#4 N-UNDECANE

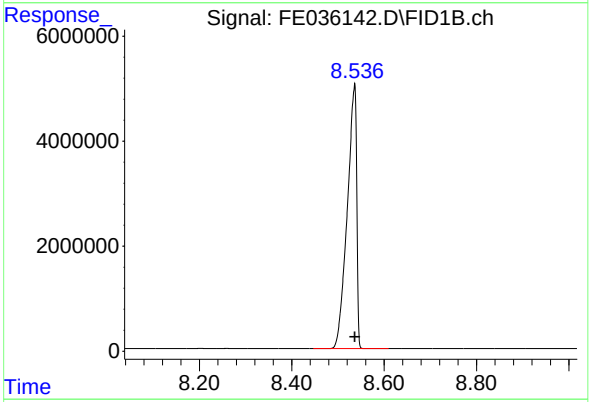
R.T.: 5.679 min
Delta R.T.: 0.000 min
Response: 71077688
Conc: 600.00 ug/ml



#5 N-DODECANE

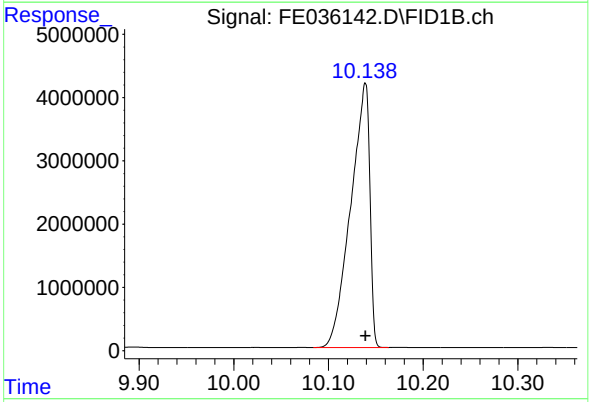
R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 71281517
Conc: 600.00 ug/ml

Instrument :
FID_E
ClientSampleId :
4400 TRPH STD



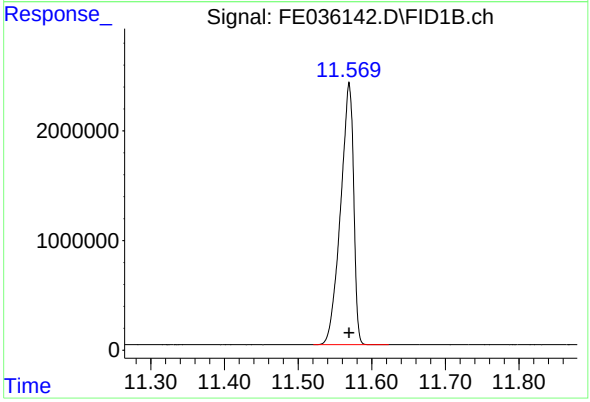
#6 N-TETRADECANE

R.T.: 8.536 min
Delta R.T.: 0.000 min
Response: 71194366
Conc: 600.00 ug/ml



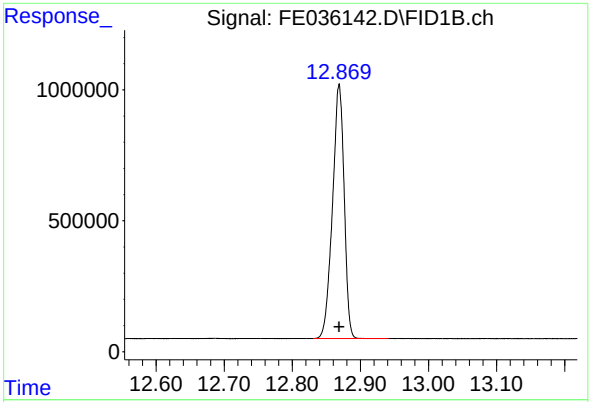
#7 N-HEXADECANE

R.T.: 10.139 min
Delta R.T.: 0.000 min
Response: 58415919
Conc: 500.00 ug/ml



#8 N-OCTADECANE

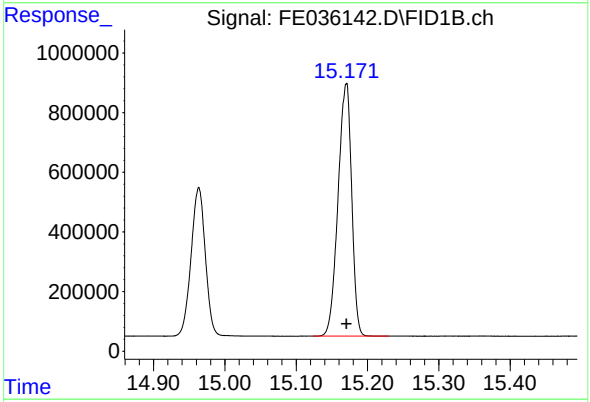
R.T.: 11.569 min
Delta R.T.: 0.000 min
Response: 29438115
Conc: 250.00 ug/ml



#9 N-EICOSANE

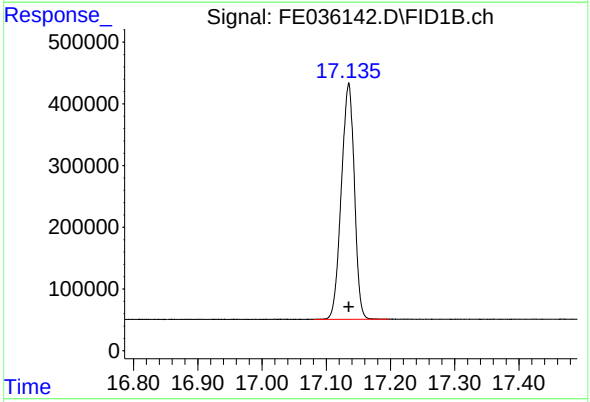
R.T.: 12.869 min
Delta R.T.: 0.000 min
Response: 11544020
Conc: 100.00 ug/ml

Instrument :
FID_E
ClientSampleId :
4400 TRPH STD



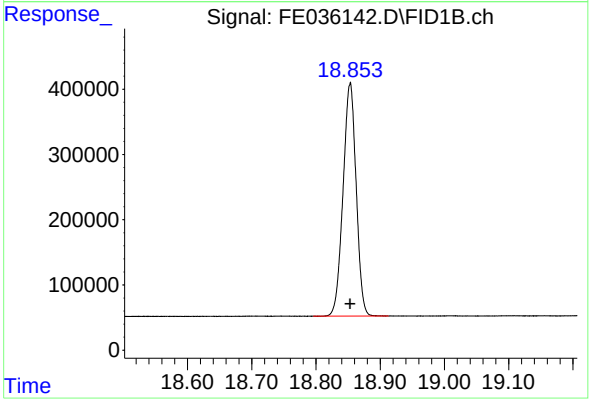
#10 N-TETRACOSANE

R.T.: 15.170 min
Delta R.T.: 0.000 min
Response: 11242947
Conc: 100.00 ug/ml



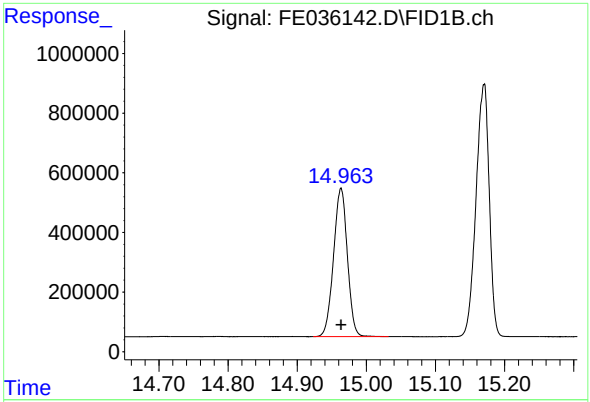
#11 N-OCTACOSANE

R.T.: 17.135 min
Delta R.T.: 0.000 min
Response: 5387369
Conc: 50.00 ug/ml



#12 N-DOTRIACONTANE

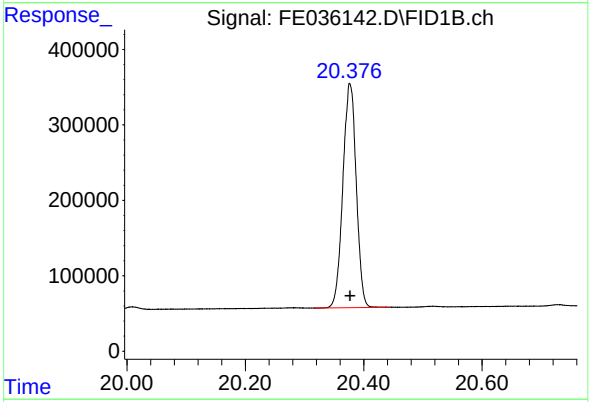
R.T.: 18.853 min
Delta R.T.: 0.000 min
Response: 5065402
Conc: 50.00 ug/ml



#13 TETRACOSANE-d50 (SURROGATE)

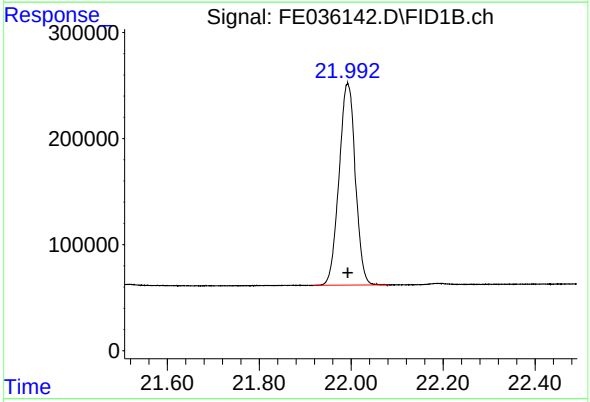
R.T.: 14.963 min
Delta R.T.: 0.000 min
Response: 6910462
Conc: 50.00 ug/ml

Instrument :
FID_E
ClientSampleId :
4400 TRPH STD



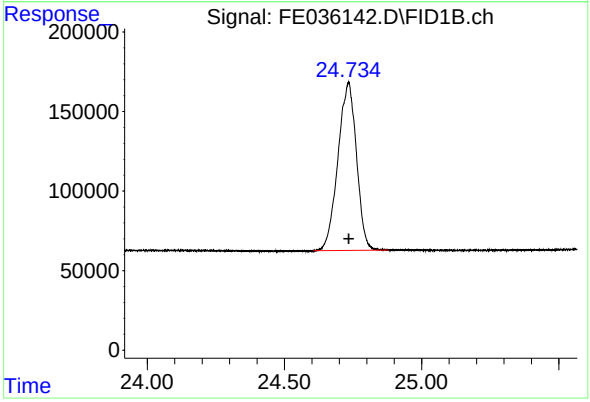
#14 N-HEXATRIACONTANE

R.T.: 20.377 min
Delta R.T.: 0.000 min
Response: 4661225
Conc: 50.00 ug/ml



#15 N-TETRACONTANE

R.T.: 21.992 min
Delta R.T.: 0.000 min
Response: 4676549
Conc: 50.00 ug/ml



#16 N-TETRTETRACOCTANE

R.T.: 24.734 min
Delta R.T.: 0.000 min
Response: 4963730
Conc: 50.00 ug/ml