

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG031619\
 Data File : FG004214.D
 Signal(s) : FID1A.ch
 Acq On : 15 Mar 2019 13:48
 Operator : AJ\SJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Mar 15 23:54:24 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				
9) S	TETRACOSANE-d50 (SURR...	14.439	5560863	44.232 ug/ml
Target Compounds				
2)	N-DECANE	4.165	7017478	52.488 ug/ml
3)	N-DODECANE	6.190	7119258	52.514 ug/ml
4)	N-TETRADECANE	7.984	7156073	51.318 ug/ml
5)	N-HEXADECANE	9.585	7124398	50.060 ug/ml
6)	N-OCTADECANE	11.028	6986308	48.694 ug/ml
7)	N-EICOSANE	12.339	6729939	47.110 ug/ml
8)	N-DOCOSANE	13.538	6466671	45.559 ug/ml
10)	N-TETRACOSANE	14.643	6261106	44.396 ug/ml
11)	N-HEXACOSANE	15.666	6109030	43.864 ug/ml
12)	N-OCTACOSANE	16.615	6073982	44.365 ug/ml

(f)=RT Delta > 1/2 Window

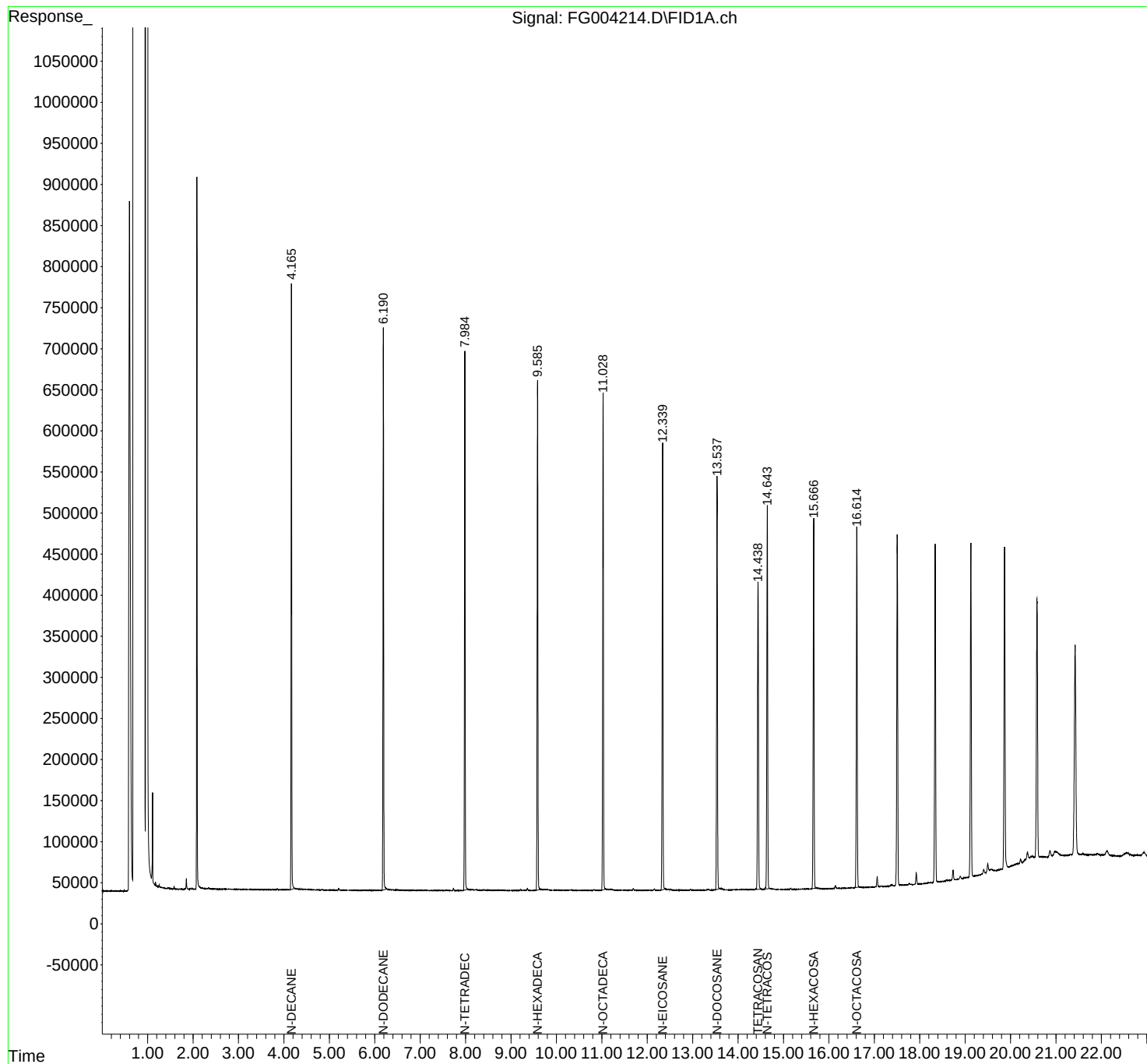
(m)=manual int.

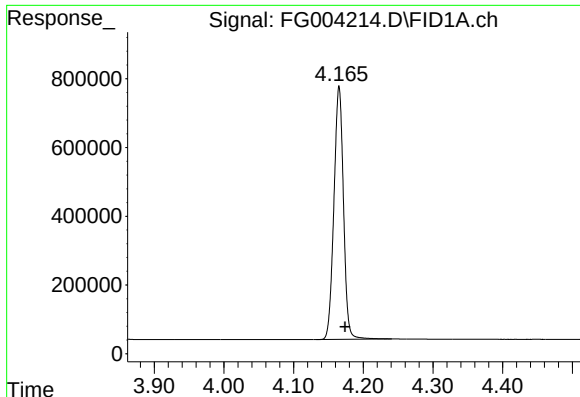
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Signal Info : 20mx0.18mmx0.18um

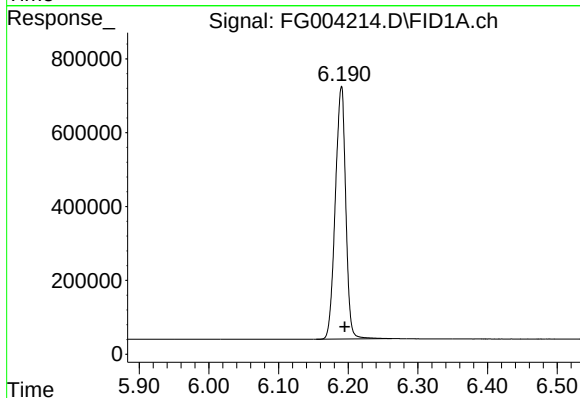




#2 N-DECANE

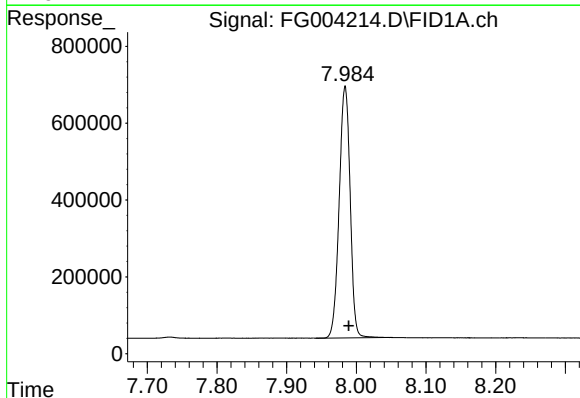
R.T.: 4.165 min
Delta R.T.: -0.008 min
Response: 7017478
Conc: 52.49 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



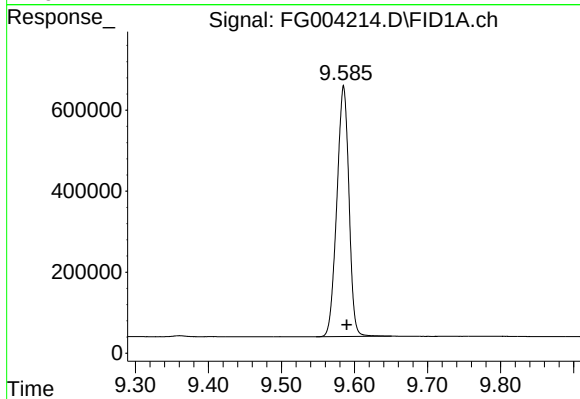
#3 N-DODECANE

R.T.: 6.190 min
Delta R.T.: -0.005 min
Response: 7119258
Conc: 52.51 ug/ml



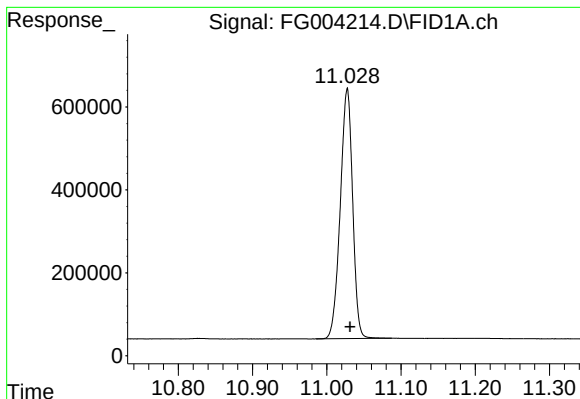
#4 N-TETRADECANE

R.T.: 7.984 min
Delta R.T.: -0.005 min
Response: 7156073
Conc: 51.32 ug/ml



#5 N-HEXADECANE

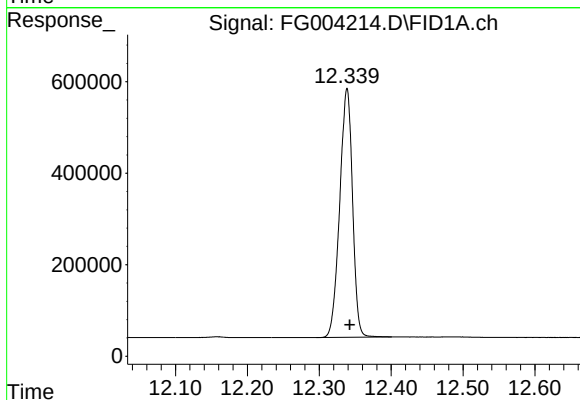
R.T.: 9.585 min
Delta R.T.: -0.004 min
Response: 7124398
Conc: 50.06 ug/ml



#6 N-OCTADECANE

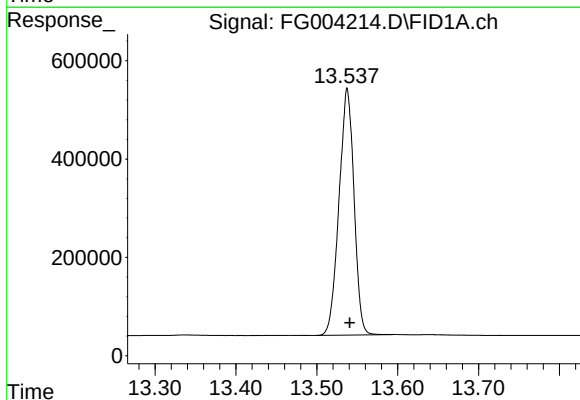
R.T.: 11.028 min
Delta R.T.: -0.004 min
Response: 6986308
Conc: 48.69 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



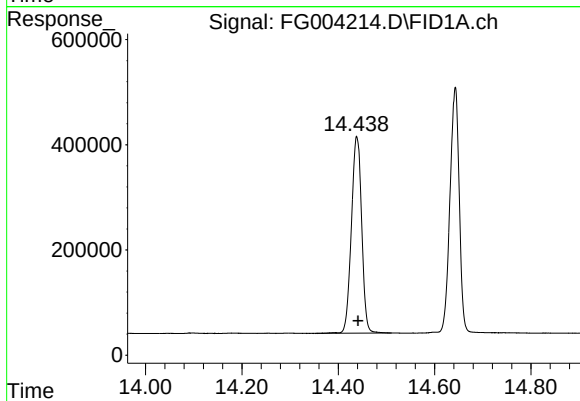
#7 N-EICOSANE

R.T.: 12.339 min
Delta R.T.: -0.004 min
Response: 6729939
Conc: 47.11 ug/ml



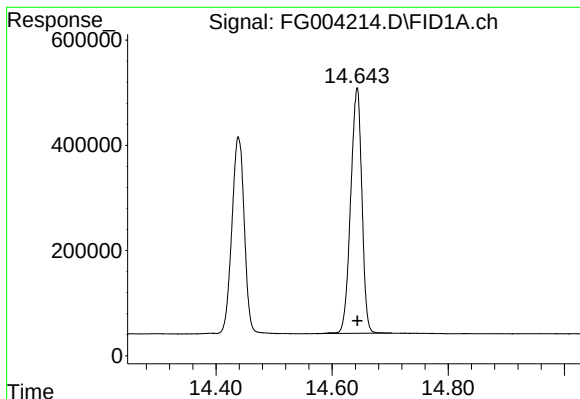
#8 N-DOCOSANE

R.T.: 13.538 min
Delta R.T.: -0.003 min
Response: 6466671
Conc: 45.56 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

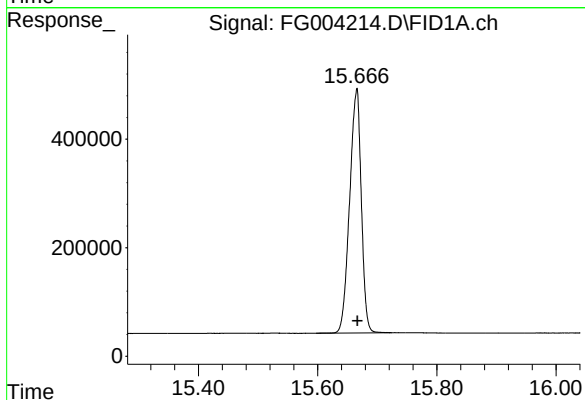
R.T.: 14.439 min
Delta R.T.: -0.003 min
Response: 5560863
Conc: 44.23 ug/ml



#10 N-TETRACOSANE

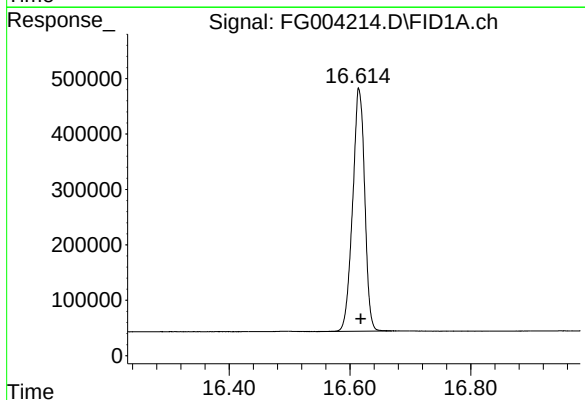
R.T.: 14.643 min
Delta R.T.: 0.000 min
Response: 6261106
Conc: 44.40 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#11 N-HEXACOSANE

R.T.: 15.666 min
Delta R.T.: -0.001 min
Response: 6109030
Conc: 43.86 ug/ml



#12 N-OCTACOSANE

R.T.: 16.615 min
Delta R.T.: -0.003 min
Response: 6073982
Conc: 44.36 ug/ml

rteres

Area Percent Report

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 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.165	4.132	4.241	BB	736646	7017478	98.06%	9.665%
2	6.190	6.154	6.262	BB	686565	7119258	99.49%	9.805%
3	7.984	7.942	8.051	BB	655599	7156073	100.00%	9.856%
4	9.585	9.547	9.651	BB	618402	7124398	99.56%	9.813%
5	11.028	10.986	11.087	BB	602163	6986308	97.63%	9.622%
6	12.339	12.296	12.401	BB	544552	6729939	94.05%	9.269%
7	13.538	13.499	13.592	BB	502574	6466671	90.37%	8.907%
8	14.439	14.354	14.511	BB	372964	5560863	77.71%	7.659%
9	14.643	14.572	14.702	BB	468087	6261106	87.49%	8.624%
10	15.666	15.597	15.724	BB	450515	6109030	85.37%	8.414%
11	16.615	16.544	16.669	BB	439632	6073982	84.88%	8.366%
Sum of corrected areas:						72605105		

FG030419.M Mon Mar 18 10:23:05 2019