

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031619\
 Data File : FF003864.D
 Signal(s) : FID2B.ch
 Acq On : 15 Mar 2019 20:36
 Operator : AJ\SJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Sohil
 3/18/2019 11:46:12 AM

Integration File: autoint1.e
 Quant Time: Mar 15 23:01:35 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF030119.M
 Quant Title :
 QLast Update : Mon Mar 04 08:35:38 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...	14.589	6080648	43.674 ug/ml
Target Compounds			
1) N-OCTANE	2.223	8358401	54.445 ug/ml
2) N-DECANE	4.316	8435129	54.838 ug/ml
3) N-DODECANE	6.338	8341030	53.446 ug/ml
4) N-TETRADECANE	8.131	8191818	51.092 ug/ml
5) N-HEXADECANE	9.732	7962464	48.888 ug/ml
6) N-OCTADECANE	11.175	7697920	46.723 ug/ml
7) N-EICOSANE	12.486	7362685	45.006 ug/ml
8) N-DOCOSANE	13.687	7087803	43.917 ug/ml
10) N-TETRACOSANE	14.793	6907234	43.656 ug/ml
11) N-HEXACOSANE	15.817	6829700	44.250 ug/ml
12) N-OCTACOSANE	16.769	6859313	45.392 ug/ml
13) N-TRIACONTANE	17.660	6968132	47.370 ug/ml
14) N-DOTRIACONTANE	18.496	6974175	49.041 ug/ml
15) N-TETRATRIACONTANE	19.282	7020696	52.434 ug/ml
16) N-HEXATRIACONTANE	20.026	7153994	54.828 ug/mlm
17) N-OCTATRIACONTANE	20.756	6472589	56.058 ug/mlm
18) N-TETRACONTANE	21.640	6628030	53.277 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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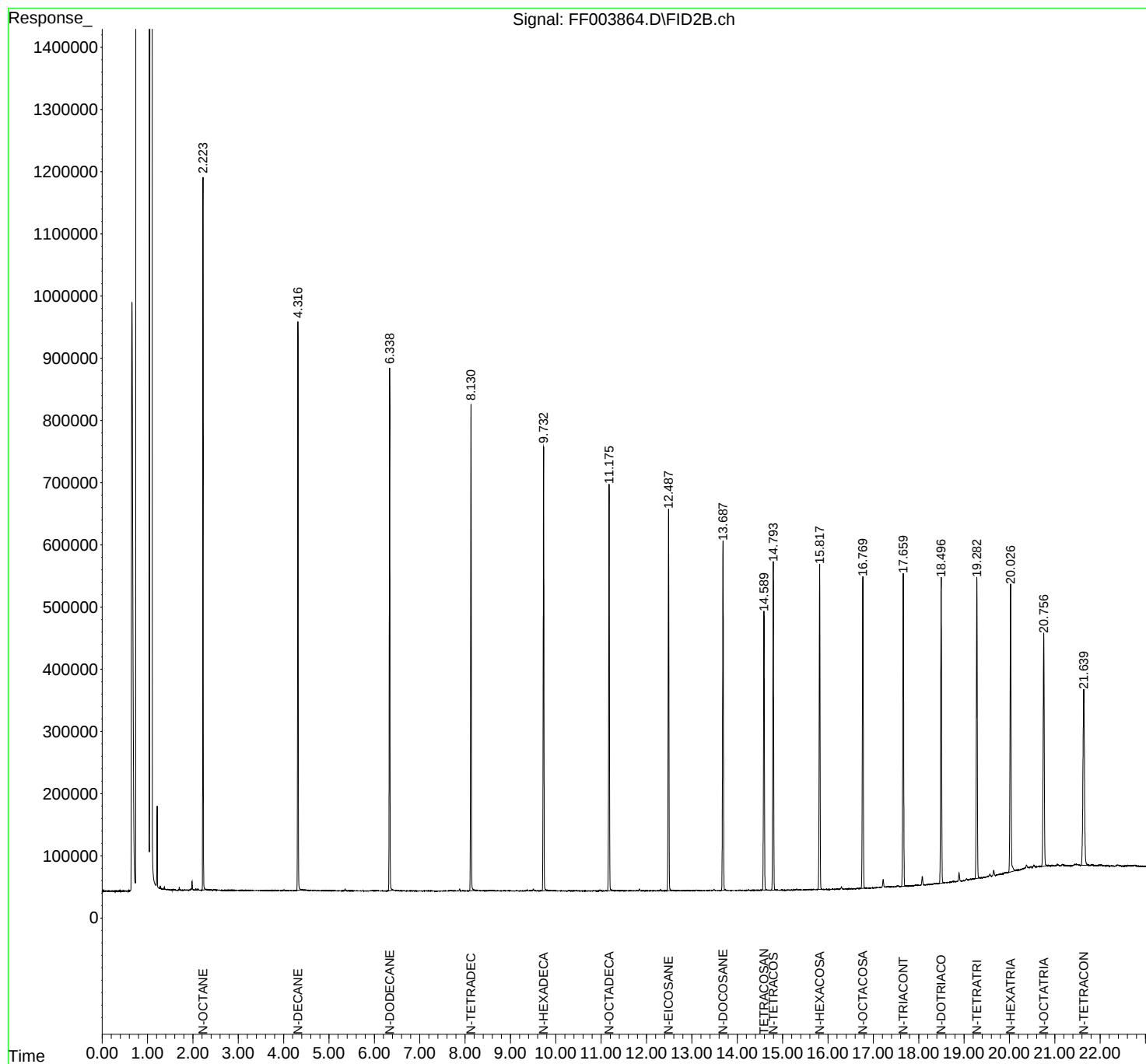
Instrument :
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50 PPM TRPH STD

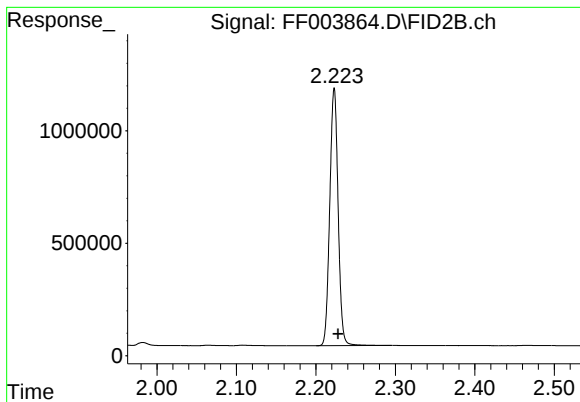
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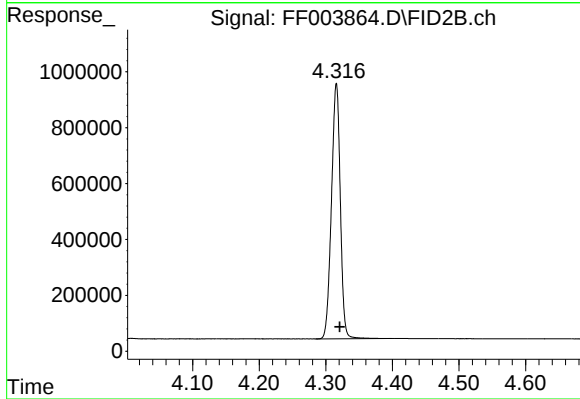
#1 N-OCTANE

R.T.: 2.223 min
Delta R.T.: -0.005 min
Response: 8358401
Conc: 54.44 ug/ml

Instrument :
FID_F
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50 PPM TRPH STD

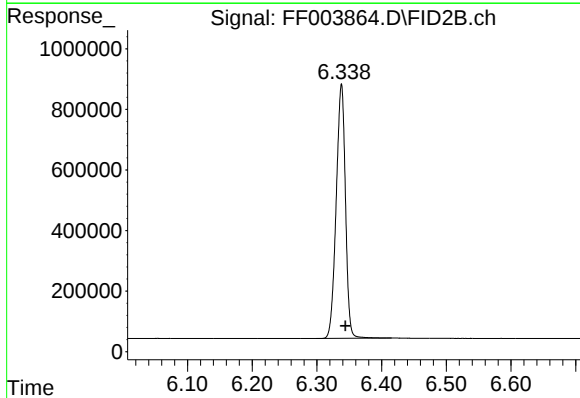
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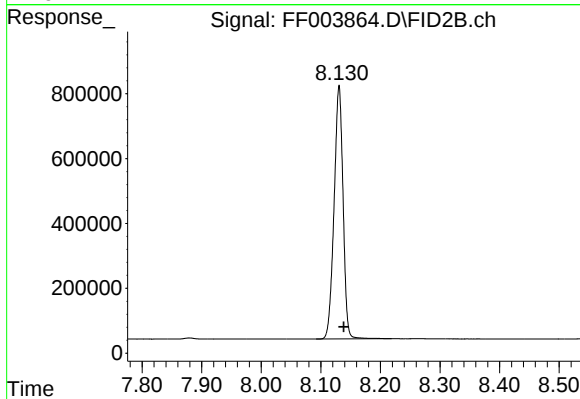
#2 N-DECANE

R.T.: 4.316 min
Delta R.T.: -0.005 min
Response: 8435129
Conc: 54.84 ug/ml



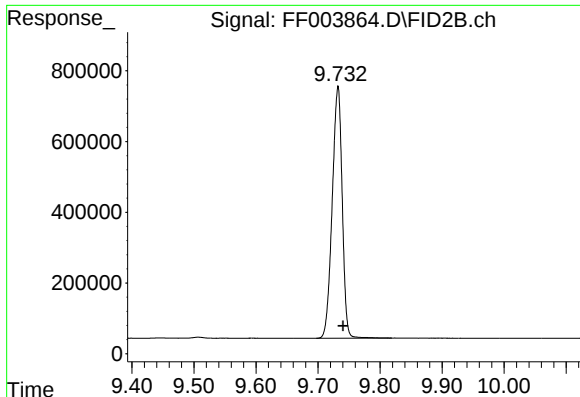
#3 N-DODECANE

R.T.: 6.338 min
Delta R.T.: -0.006 min
Response: 8341030
Conc: 53.45 ug/ml



#4 N-TETRADECANE

R.T.: 8.131 min
Delta R.T.: -0.008 min
Response: 8191818
Conc: 51.09 ug/ml



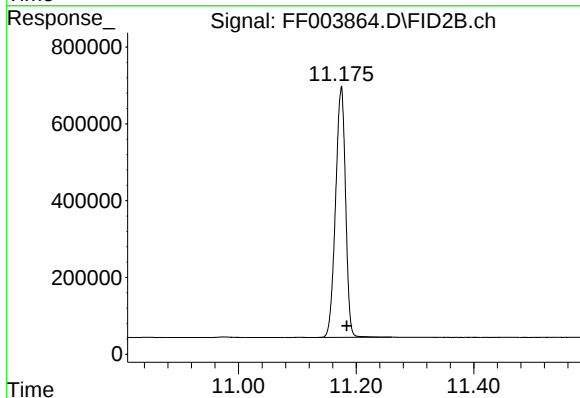
#5 N-HEXADECANE

R.T.: 9.732 min
Delta R.T.: -0.008 min
Response: 7962464
Conc: 48.89 ug/ml

Instrument :
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ClientSampleId :
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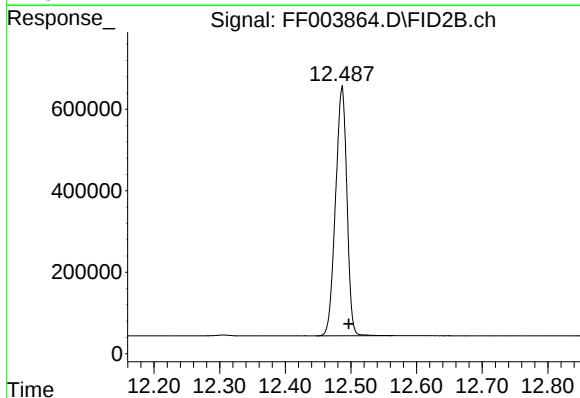
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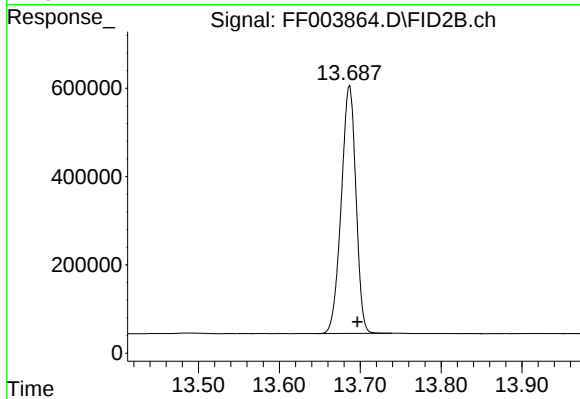
#6 N-OCTADECANE

R.T.: 11.175 min
Delta R.T.: -0.009 min
Response: 7697920
Conc: 46.72 ug/ml



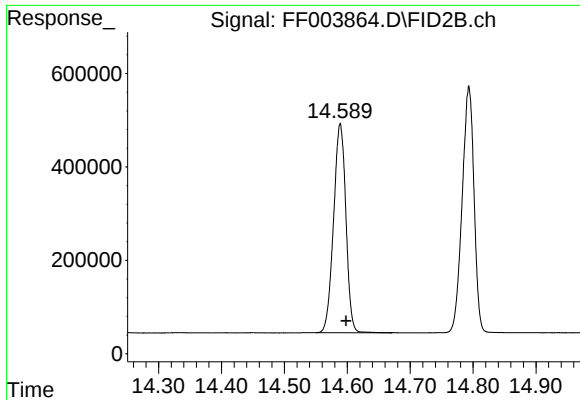
#7 N-EICOSANE

R.T.: 12.486 min
Delta R.T.: -0.010 min
Response: 7362685
Conc: 45.01 ug/ml



#8 N-DOCOSANE

R.T.: 13.687 min
Delta R.T.: -0.010 min
Response: 7087803
Conc: 43.92 ug/ml



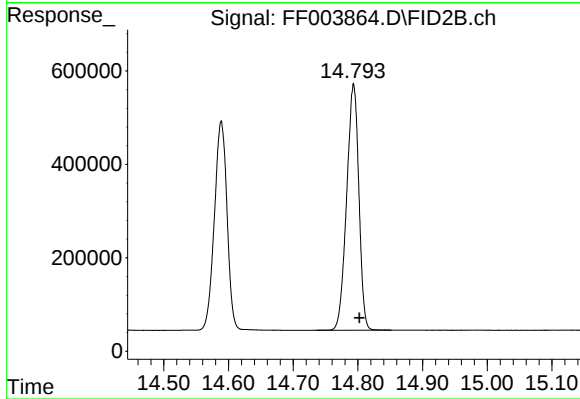
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.589 min
Delta R.T.: -0.009 min
Response: 6080648
Conc: 43.67 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

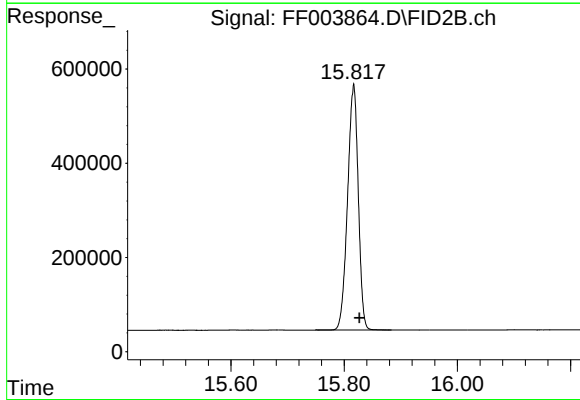
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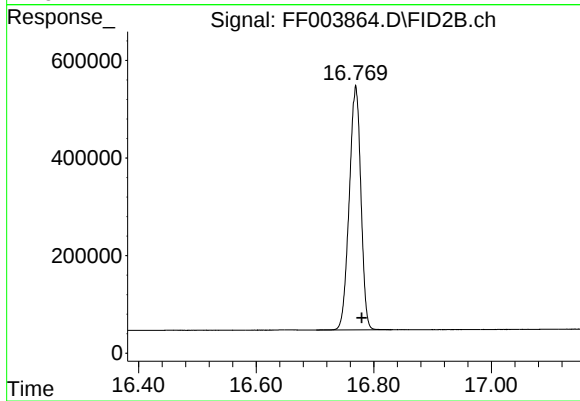
#10 N-TETRACOSANE

R.T.: 14.793 min
Delta R.T.: -0.009 min
Response: 6907234
Conc: 43.66 ug/ml



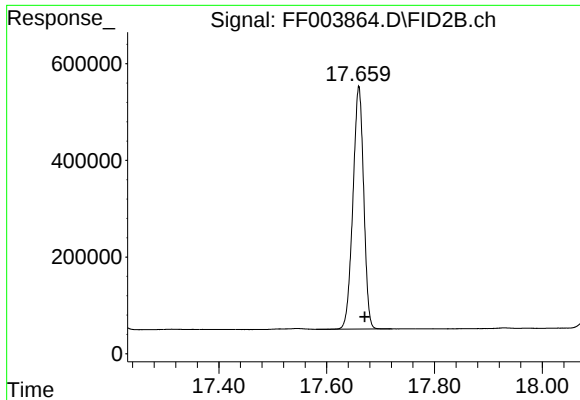
#11 N-HEXACOSANE

R.T.: 15.817 min
Delta R.T.: -0.010 min
Response: 6829700
Conc: 44.25 ug/ml



#12 N-OCTACOSANE

R.T.: 16.769 min
Delta R.T.: -0.010 min
Response: 6859313
Conc: 45.39 ug/ml



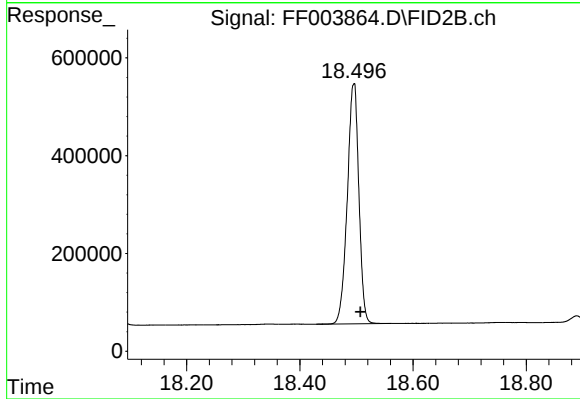
#13 N-TRIACONTANE

R.T.: 17.660 min
Delta R.T.: -0.011 min
Response: 6968132
Conc: 47.37 ug/ml

Instrument :
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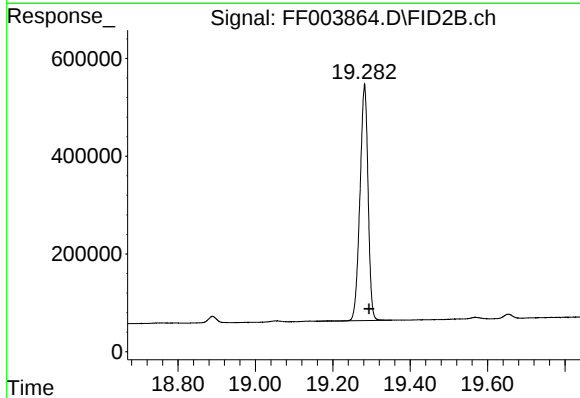
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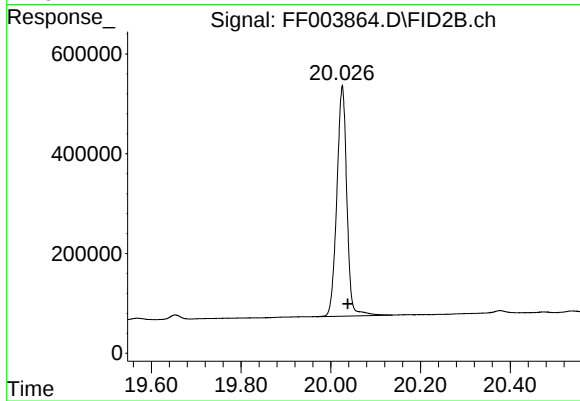
#14 N-DOTRIACONTANE

R.T.: 18.496 min
Delta R.T.: -0.011 min
Response: 6974175
Conc: 49.04 ug/ml



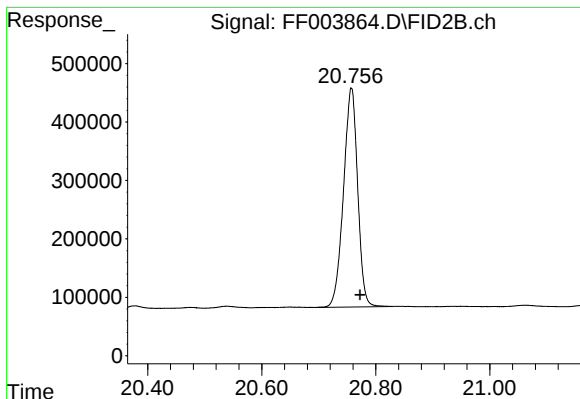
#15 N-TETRATRIACONTANE

R.T.: 19.282 min
Delta R.T.: -0.012 min
Response: 7020696
Conc: 52.43 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.026 min
Delta R.T.: -0.012 min
Response: 7153994
Conc: 54.83 ug/ml m



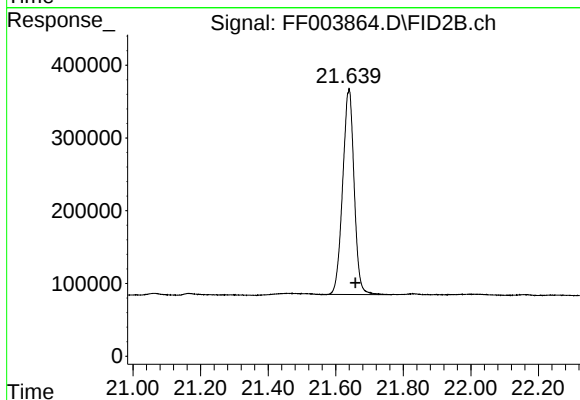
#17 N-OCTATRIACONTANE

R.T.: 20.756 min
Delta R.T.: -0.016 min
Response: 6472589
Conc: 56.06 ug/ml m

Instrument :
FID_F
ClientSampleId :
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#18 N-TETRACONTANE

R.T.: 21.640 min
Delta R.T.: -0.019 min
Response: 6628030
Conc: 53.28 ug/ml

rteres

Area Percent Report

Instrument :
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peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.223	2.200	2.295	BB	1147018	8358401	99.09%	6.366%
2	4.316	4.285	4.399	BB	914331	8435129	100.00%	6.424%
3	6.338	6.299	6.415	BB	842462	8341030	98.88%	6.352%
4	8.131	8.092	8.219	BB	779474	8191818	97.12%	6.239%
5	9.732	9.697	9.819	BB	711711	7962464	94.40%	6.064%
6	11.175	11.132	11.260	BB	656780	7697920	91.26%	5.863%
7	12.487	12.447	12.562	BB	614212	7362685	87.29%	5.607%
8	13.687	13.645	13.739	BB	562280	7087803	84.03%	5.398%
9	14.589	14.550	14.670	BB	447625	6080648	72.09%	4.631%
10	14.793	14.735	14.852	BB	527496	6907234	81.89%	5.261%
11	15.817	15.750	15.884	BB	522230	6829700	80.97%	5.201%
12	16.769	16.702	16.830	BB	498451	6859313	81.32%	5.224%
13	17.660	17.580	17.720	BB	503509	6968132	82.61%	5.307%
14	18.496	18.429	18.562	BB	490826	6974175	82.68%	5.311%
15	19.282	19.157	19.352	BB	483389	7020696	83.23%	5.347%
16	20.026	19.770	20.137	BV	461747	7099783	84.17%	5.407%
17	20.757	20.677	20.870	BB	375146	6498354	77.04%	4.949%
18	21.640	21.542	21.765	BB	282350	6628030	78.58%	5.048%
Sum of corrected areas:						131303315		

FF030119.M Mon Mar 18 09:22:59 2019