

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF030819\
 Data File : FF003759.D
 Signal(s) : FID2B.ch
 Acq On : 08 Mar 2019 12:39
 Operator : AJ\SJ
 Sample : PB117731BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 PB117731BS

Manual Integrations
 APPROVED

Sohil
 3/11/2019 10:37:00 AM

Integration File: autoint1.e
 Quant Time: Mar 08 21:46:22 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...	14.587	1868844	13.423 ug/ml
Target Compounds			
1) N-OCTANE	2.231	1944621	12.667 ug/ml
2) N-DECANE	4.320	2337313	15.195 ug/ml
3) N-DODECANE	6.340	2391418	15.323 ug/ml
4) N-TETRADECANE	8.132	2432900	15.174 ug/ml
5) N-HEXADECANE	9.732	2431423	14.929 ug/ml
6) N-OCTADECANE	11.174	2396700	14.547 ug/ml
7) N-EICOSANE	12.486	2339457	14.300 ug/ml
8) N-DOCOSANE	13.686	2263074	14.022 ug/ml
10) N-TETRACOSANE	14.791	2203638	13.928 ug/ml
11) N-HEXACOSANE	15.815	2124179	13.763 ug/ml
12) N-OCTACOSANE	16.767	2091082	13.838 ug/ml
13) N-TRIACONTANE	17.658	2070595	14.076 ug/ml
14) N-DOTRIACONTANE	18.494	2035491	14.313 ug/ml
15) N-TETRATRIACONTANE	19.280	1927147	14.393 ug/mlm
16) N-HEXATRIACONTANE	20.025	1874461	14.366 ug/ml
17) N-OCTATRIACONTANE	20.756	1677771	14.531 ug/ml
18) N-TETRACONTANE	21.640	1777703	14.289 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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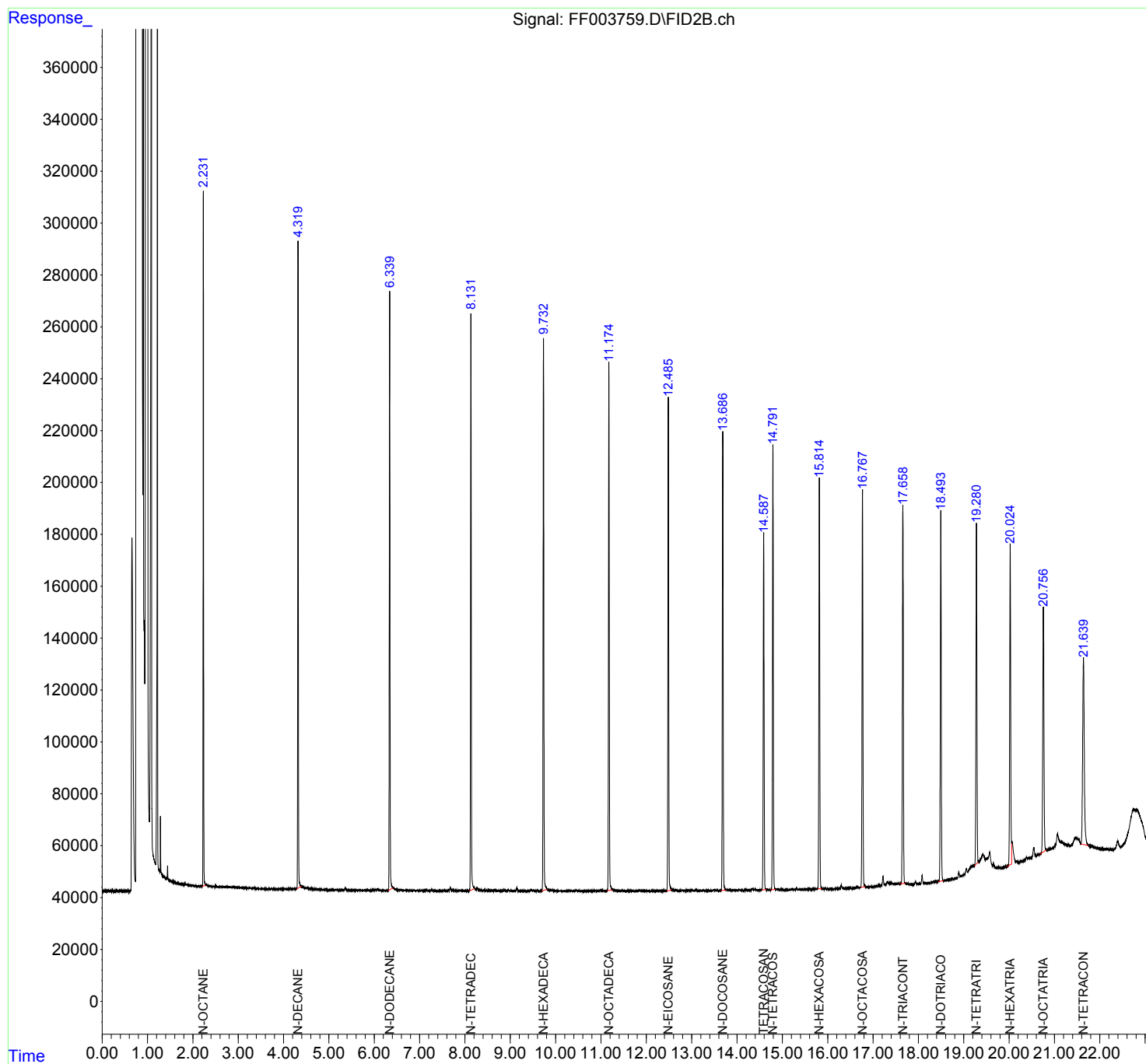
Instrument :
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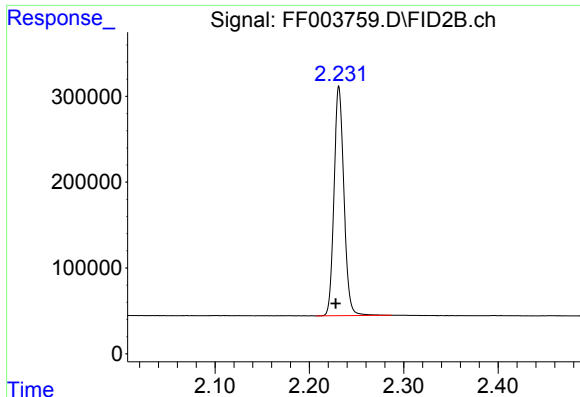
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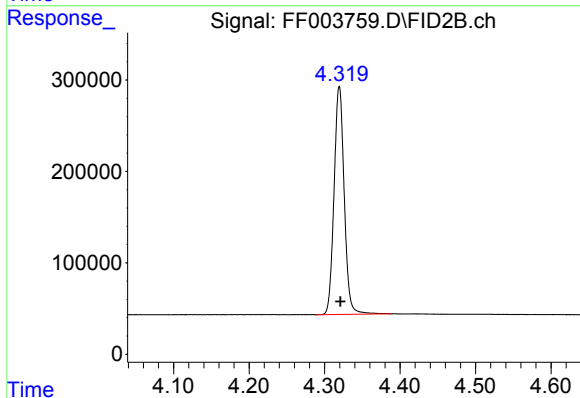
#1 N-OCTANE

R.T.: 2.231 min
Delta R.T.: 0.003 min
Response: 1944621
Conc: 12.67 ug/ml

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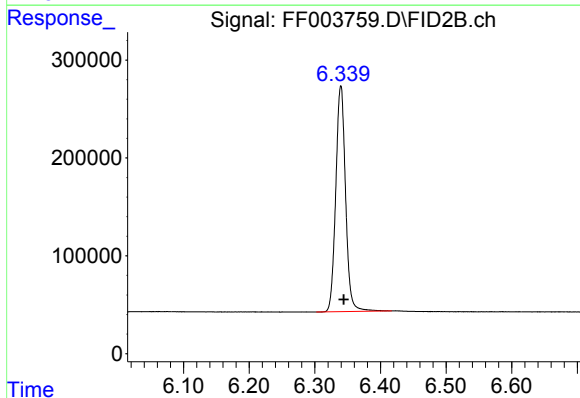
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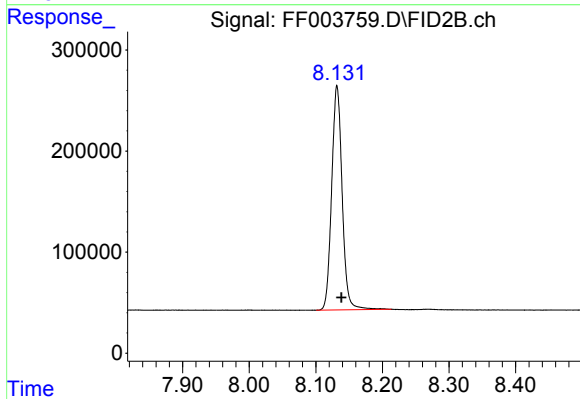
#2 N-DECANE

R.T.: 4.320 min
Delta R.T.: -0.001 min
Response: 2337313
Conc: 15.20 ug/ml



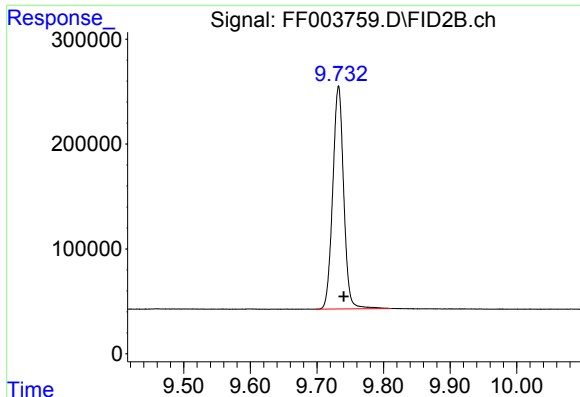
#3 N-DODECANE

R.T.: 6.340 min
Delta R.T.: -0.004 min
Response: 2391418
Conc: 15.32 ug/ml



#4 N-TETRADECANE

R.T.: 8.132 min
Delta R.T.: -0.006 min
Response: 2432900
Conc: 15.17 ug/ml



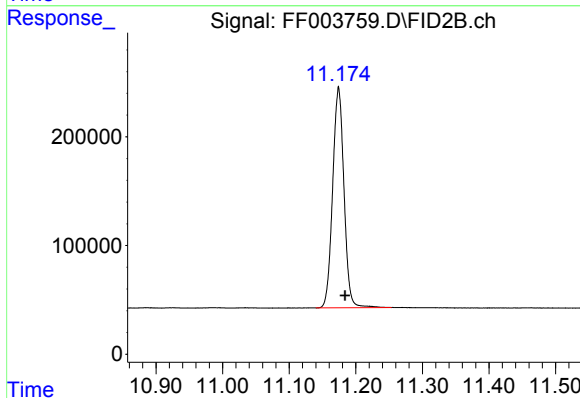
#5 N-HEXADECANE

R.T.: 9.732 min
Delta R.T.: -0.008 min
Response: 2431423
Conc: 14.93 ug/ml

Instrument :
FID_F
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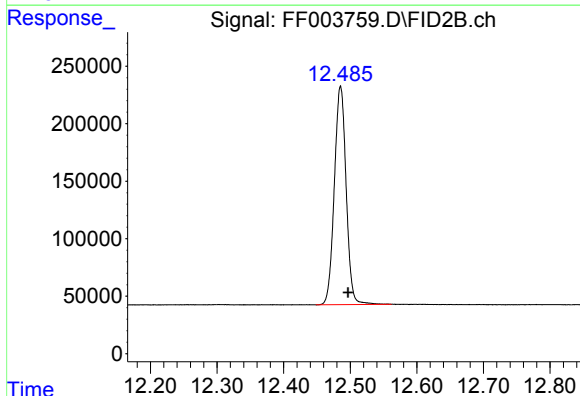
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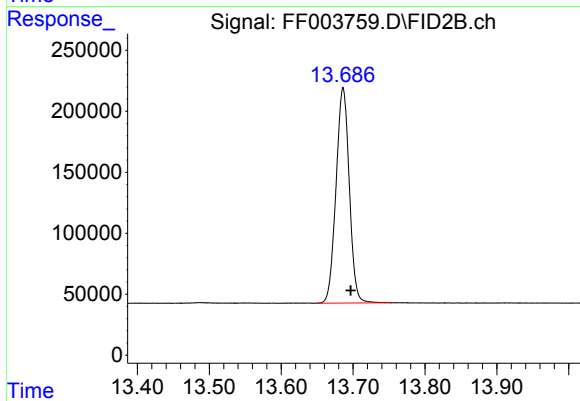
#6 N-OCTADECANE

R.T.: 11.174 min
Delta R.T.: -0.010 min
Response: 2396700
Conc: 14.55 ug/ml



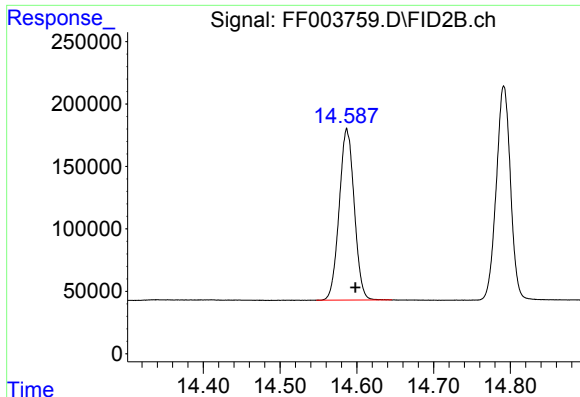
#7 N-EICOSANE

R.T.: 12.486 min
Delta R.T.: -0.011 min
Response: 2339457
Conc: 14.30 ug/ml



#8 N-DOCOSANE

R.T.: 13.686 min
Delta R.T.: -0.011 min
Response: 2263074
Conc: 14.02 ug/ml



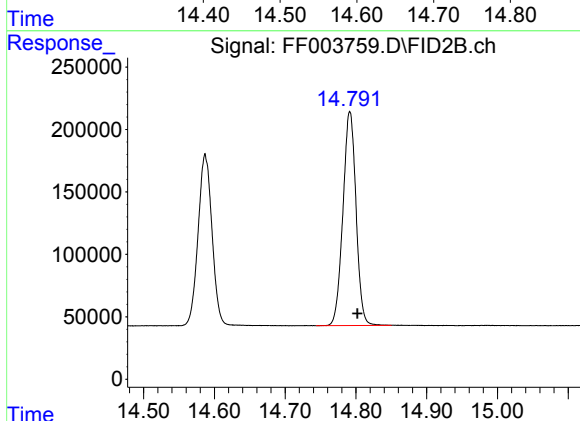
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.587 min
Delta R.T.: -0.011 min
Response: 1868844
Conc: 13.42 ug/ml

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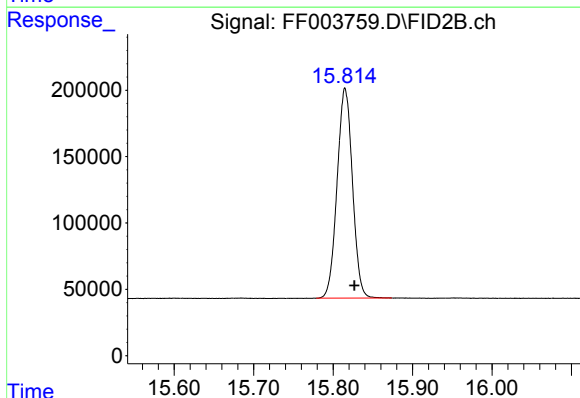
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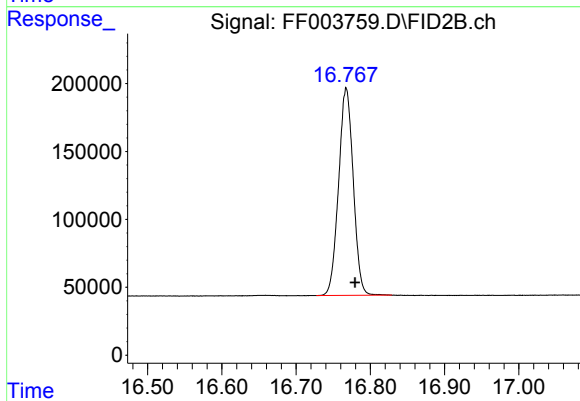
#10 N-TETRACOSANE

R.T.: 14.791 min
Delta R.T.: -0.011 min
Response: 2203638
Conc: 13.93 ug/ml



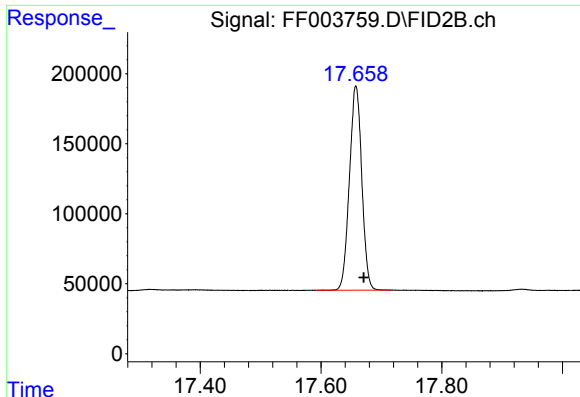
#11 N-HEXACOSANE

R.T.: 15.815 min
Delta R.T.: -0.012 min
Response: 2124179
Conc: 13.76 ug/ml



#12 N-OCTACOSANE

R.T.: 16.767 min
Delta R.T.: -0.012 min
Response: 2091082
Conc: 13.84 ug/ml



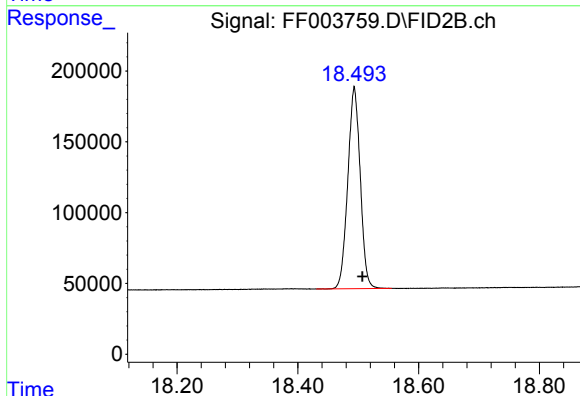
#13 N-TRIACONTANE

R.T.: 17.658 min
Delta R.T.: -0.013 min
Response: 2070595
Conc: 14.08 ug/ml

Instrument :
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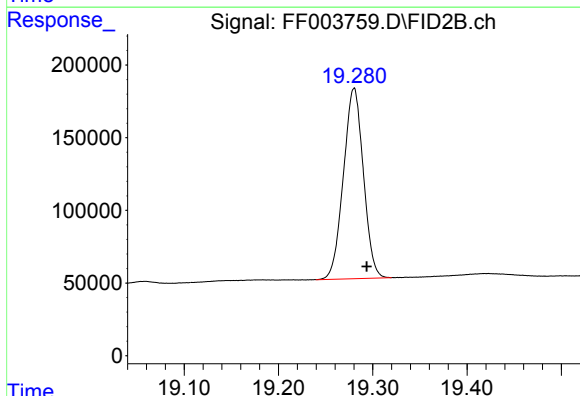
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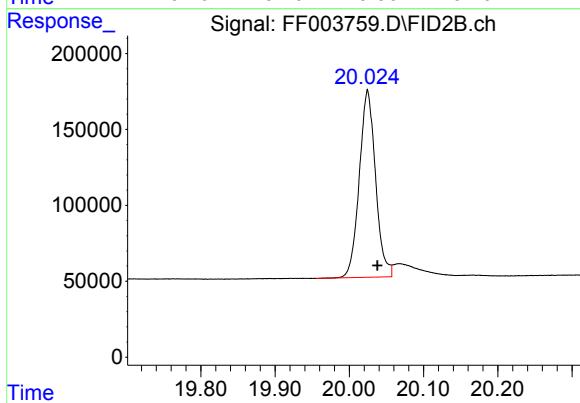
#14 N-DOTRIACONTANE

R.T.: 18.494 min
Delta R.T.: -0.013 min
Response: 2035491
Conc: 14.31 ug/ml



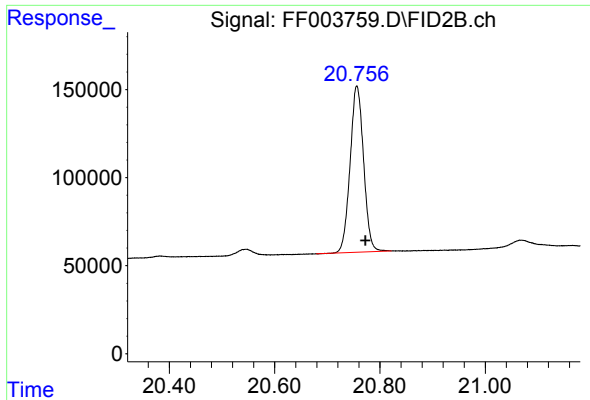
#15 N-TETRATRIACONTANE

R.T.: 19.280 min
Delta R.T.: -0.013 min
Response: 1927147
Conc: 14.39 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.025 min
Delta R.T.: -0.013 min
Response: 1874461
Conc: 14.37 ug/ml



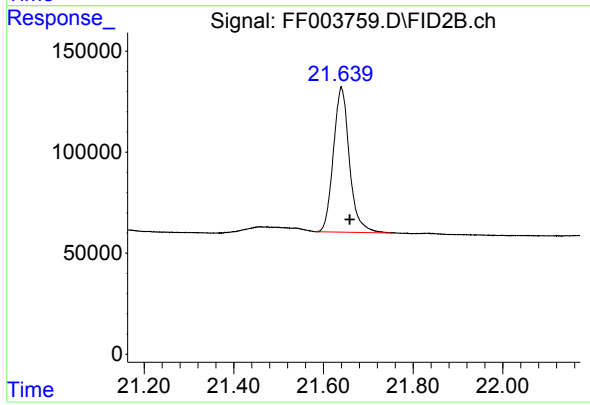
#17 N-OCTATRIACONTANE

R.T.: 20.756 min
Delta R.T.: -0.016 min
Response: 1677771
Conc: 14.53 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.640 min
Delta R.T.: -0.019 min
Response: 1777703
Conc: 14.29 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	2.231	2.207	2.287	BB	266036	1944621	79.93%	5.087%
2	4.320	4.289	4.389	BB	249674	2337313	96.07%	6.115%
3	6.340	6.302	6.417	BB	231962	2391418	98.29%	6.256%
4	8.132	8.100	8.214	BB	221764	2432900	100.00%	6.365%
5	9.732	9.699	9.812	BB	212441	2431423	99.94%	6.361%
6	11.174	11.140	11.254	BB	202858	2396700	98.51%	6.270%
7	12.486	12.449	12.562	BB	189901	2339457	96.16%	6.120%
8	13.686	13.649	13.754	BB	176509	2263074	93.02%	5.920%
9	14.587	14.547	14.645	BB	137250	1868844	76.82%	4.889%
10	14.791	14.744	14.850	BB	171420	2203638	90.58%	5.765%
11	15.815	15.779	15.874	BB	158168	2124179	87.31%	5.557%
12	16.768	16.727	16.829	BB	152879	2091082	85.95%	5.471%
13	17.658	17.592	17.717	BB	145890	2070595	85.11%	5.417%
14	18.494	18.430	18.555	BB	142501	2035491	83.67%	5.325%
15	19.280	19.087	19.324	BB	131201	1963807	80.72%	5.138%
16	20.025	19.955	20.057	BV	123130	1874461	77.05%	4.904%
17	20.756	20.679	20.822	BB	94413	1677771	68.96%	4.389%
18	21.640	21.584	21.752	BB	71720	1777703	73.07%	4.651%
Sum of corrected areas:							38224476	

FF030119.M Mon Mar 11 10:07:59 2019