

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG030619\
 Data File : FG004058.D
 Signal(s) : FID1A.ch
 Acq On : 06 Mar 2019 11:44
 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 07 00:00:36 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...	14.440	6186481	49.209 ug/ml
Target Compounds			
1) N-OCTANE	2.089	7144138	54.357 ug/ml
2) N-DECANE	4.166	7339899	54.899 ug/ml
3) N-DODECANE	6.191	7387816	54.495 ug/ml
4) N-TETRADECANE	7.985	7420057	53.211 ug/ml
5) N-HEXADECANE	9.587	7445246	52.314 ug/ml
6) N-OCTADECANE	11.030	7419438	51.712 ug/ml
7) N-EICOSANE	12.340	7289103	51.024 ug/ml
8) N-DOCOSANE	13.540	7084685	49.913 ug/ml
10) N-TETRACOSANE	14.644	6891969	48.869 ug/ml
11) N-HEXACOSANE	15.666	6673744	47.918 ug/ml
12) N-OCTACOSANE	16.617	6482152	47.346 ug/ml
13) N-TRIACONTANE	17.505	6330192	47.401 ug/ml
14) N-DOTRIACONTANE	18.340	6294781	49.749 ug/ml
15) N-TETRATRIACONTANE	19.126	5882356	49.639 ug/ml
16) N-HEXATRIACONTANE	19.869	5756262	51.996 ug/ml
17) N-OCTATRIACONTANE	20.583	5285892	52.364 ug/ml
18) N-TETRACONTANE	21.423	6398167	60.324 ug/ml

(f)=RT Delta > 1/2 Window

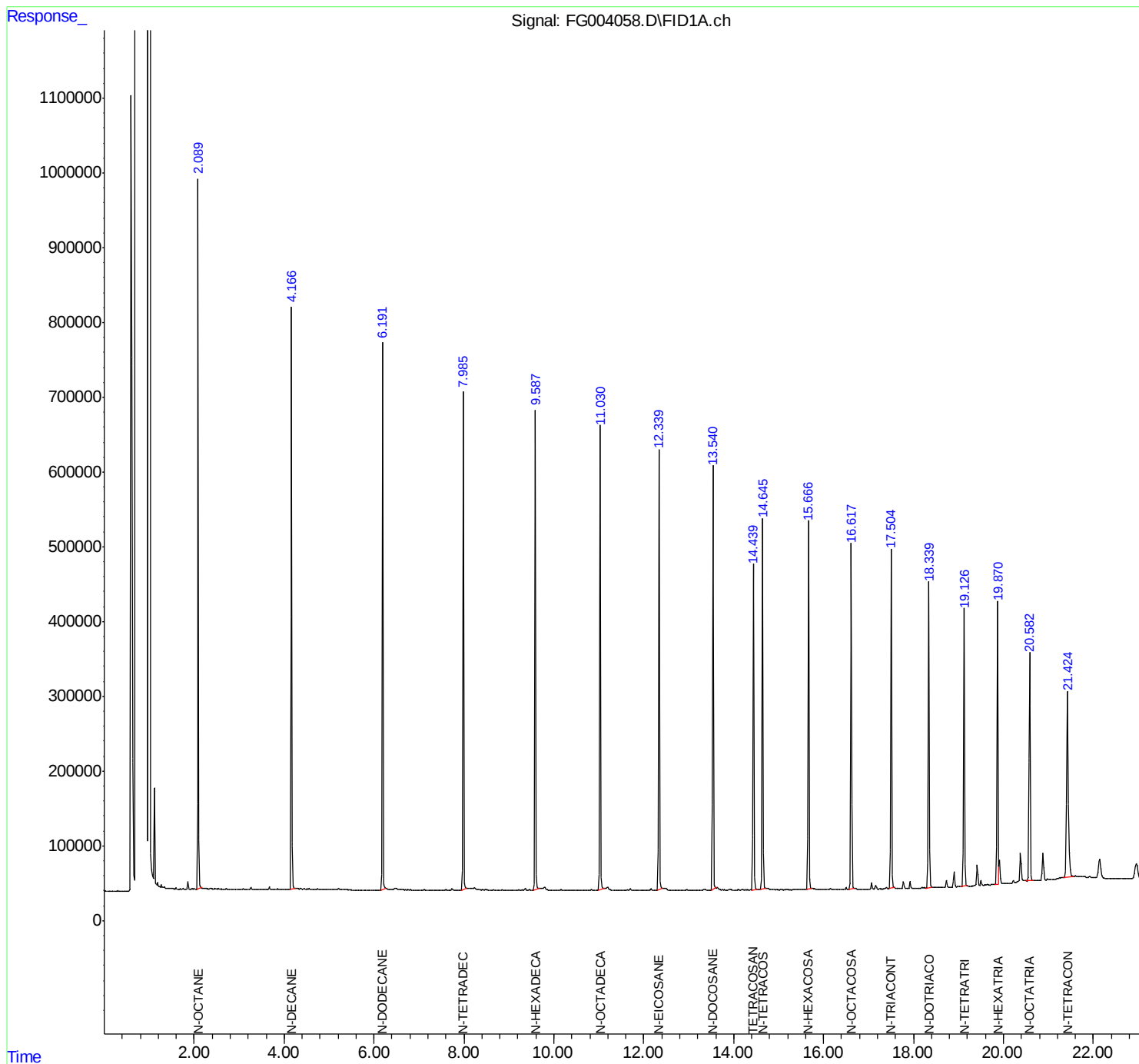
(m)=manual int.

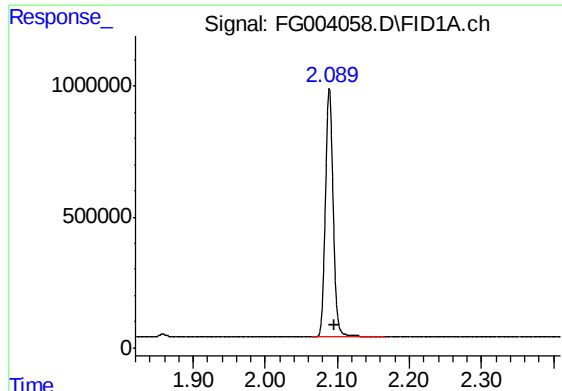
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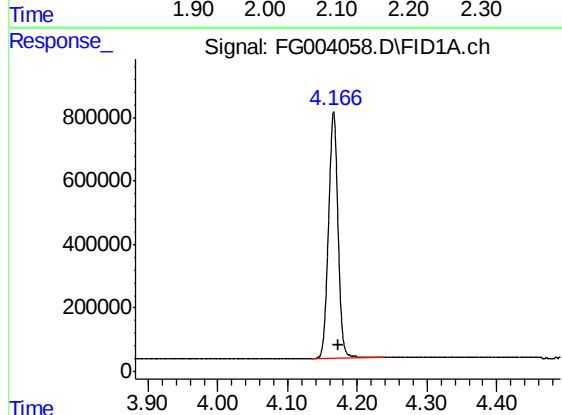




#1 N-OCTANE

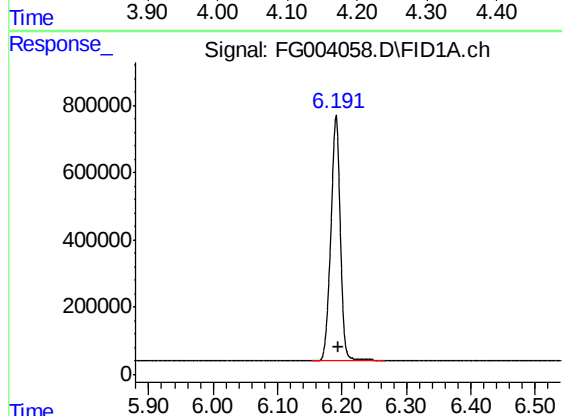
R.T.: 2.089 min
Delta R.T.: -0.008 min
Response: 7144138
Conc: 54.36 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



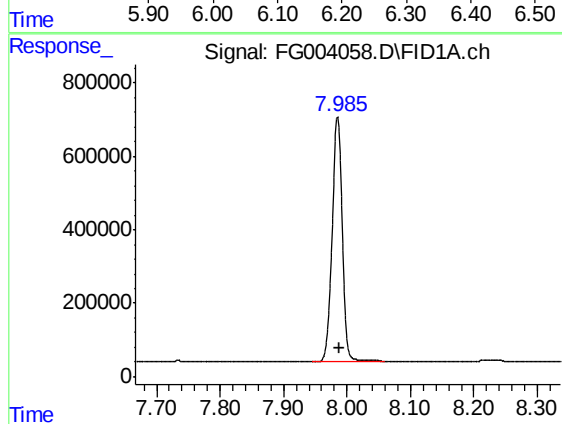
#2 N-DECANE

R.T.: 4.166 min
Delta R.T.: -0.008 min
Response: 7339899
Conc: 54.90 ug/ml



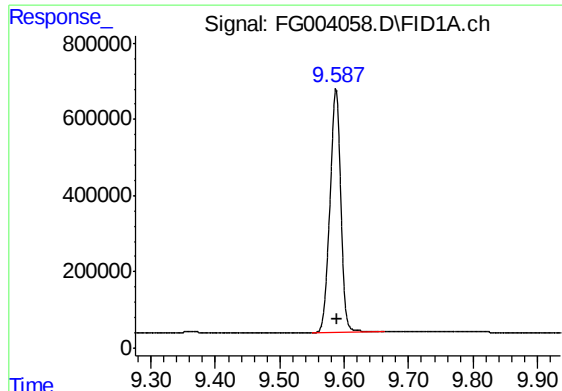
#3 N-DODECANE

R.T.: 6.191 min
Delta R.T.: -0.004 min
Response: 7387816
Conc: 54.50 ug/ml



#4 N-TETRADECANE

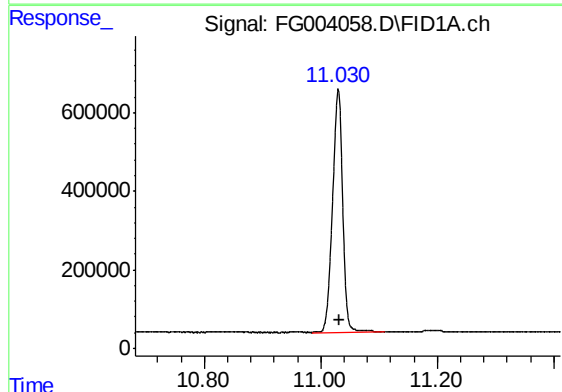
R.T.: 7.985 min
Delta R.T.: -0.004 min
Response: 7420057
Conc: 53.21 ug/ml



#5 N-HEXADECANE

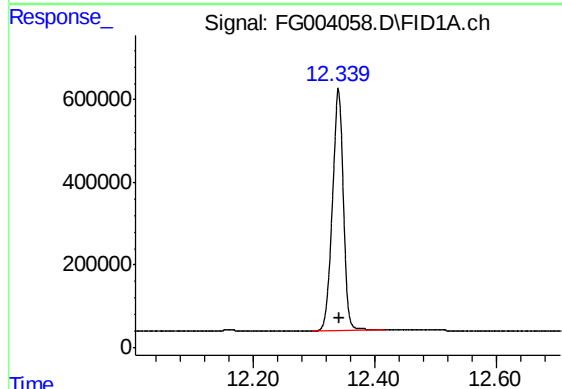
R.T.: 9.587 min
Delta R.T.: -0.002 min
Response: 7445246
Conc: 52.31 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



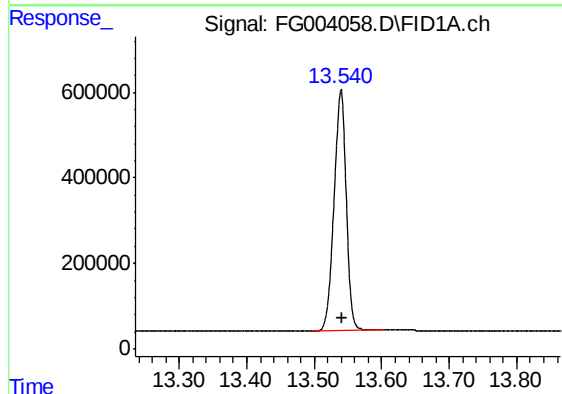
#6 N-OCTADECANE

R.T.: 11.030 min
Delta R.T.: -0.001 min
Response: 7419438
Conc: 51.71 ug/ml



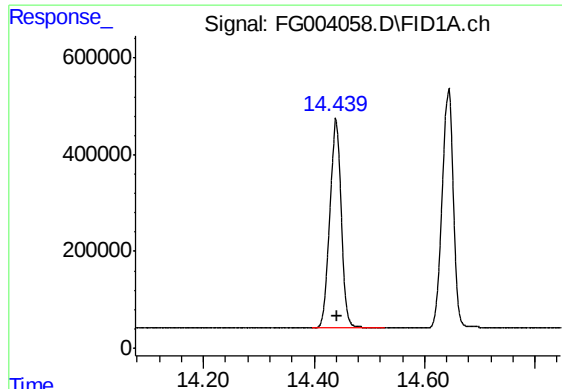
#7 N-EICOSANE

R.T.: 12.340 min
Delta R.T.: -0.002 min
Response: 7289103
Conc: 51.02 ug/ml



#8 N-DOCOSANE

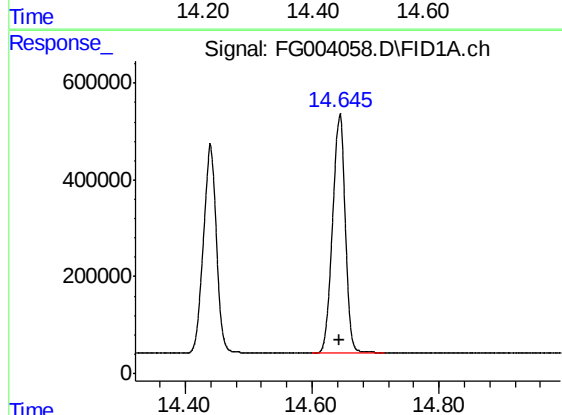
R.T.: 13.540 min
Delta R.T.: -0.001 min
Response: 7084685
Conc: 49.91 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

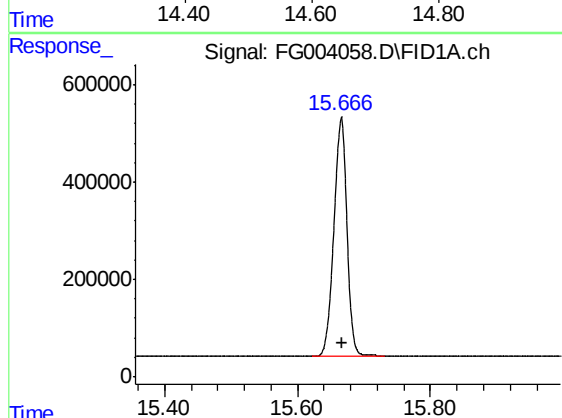
R.T.: 14.440 min
Delta R.T.: -0.002 min
Response: 6186481
Conc: 49.21 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



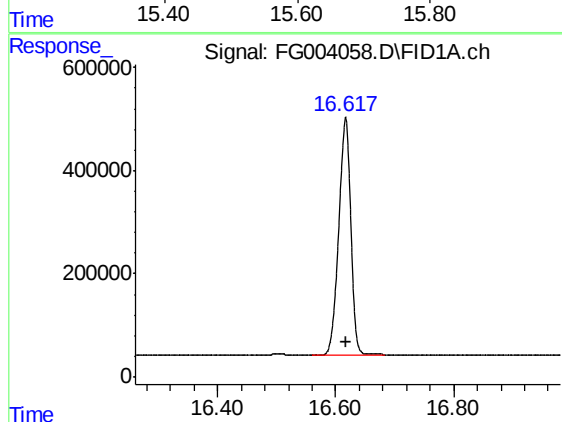
#10 N-TETRACOSANE

R.T.: 14.644 min
Delta R.T.: 0.000 min
Response: 6891969
Conc: 48.87 ug/ml



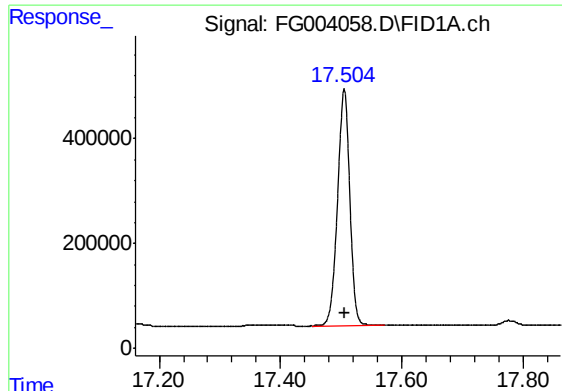
#11 N-HEXACOSANE

R.T.: 15.666 min
Delta R.T.: -0.001 min
Response: 6673744
Conc: 47.92 ug/ml



#12 N-OCTACOSANE

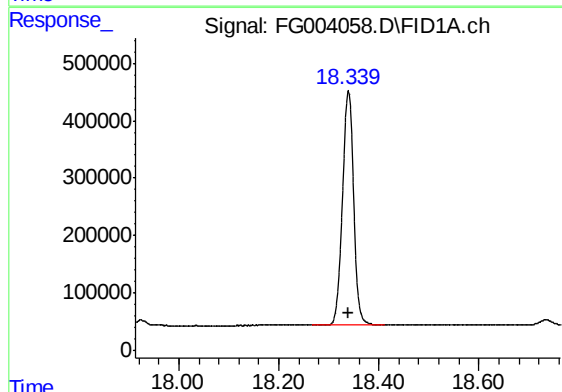
R.T.: 16.617 min
Delta R.T.: 0.000 min
Response: 6482152
Conc: 47.35 ug/ml



#13 N-TRIACONTANE

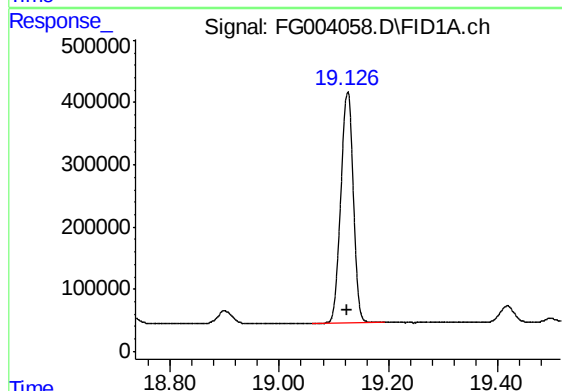
R.T.: 17.505 min
Delta R.T.: 0.000 min
Response: 6330192
Conc: 47.40 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



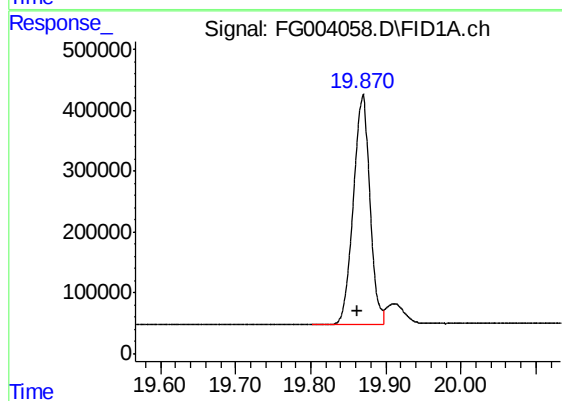
#14 N-DOTRIACONTANE

R.T.: 18.340 min
Delta R.T.: 0.000 min
Response: 6294781
Conc: 49.75 ug/ml



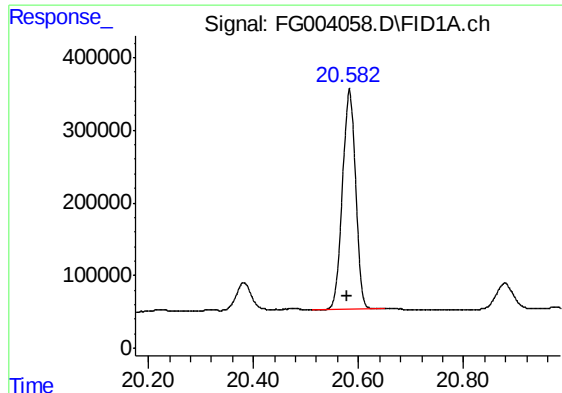
#15 N-TETRATRIACONTANE

R.T.: 19.126 min
Delta R.T.: 0.002 min
Response: 5882356
Conc: 49.64 ug/ml



#16 N-HEXATRIACONTANE

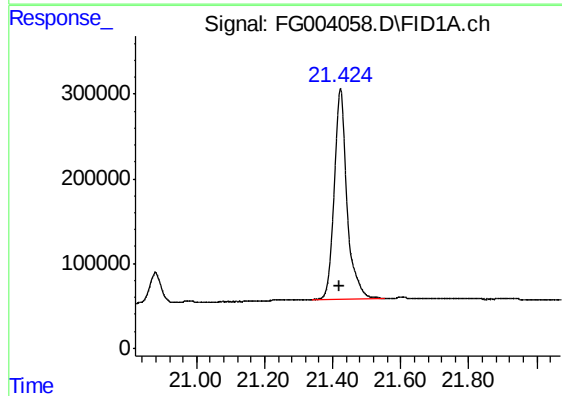
R.T.: 19.869 min
Delta R.T.: 0.008 min
Response: 5756262
Conc: 52.00 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.583 min
Delta R.T.: 0.004 min
Response: 5285892
Conc: 52.36 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 21.423 min
Delta R.T.: 0.001 min
Response: 6398167
Conc: 60.32 ug/ml

rteres

Area Percent Report

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ALS Vial : 3 Sample Multiplier: 1

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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	2.089	2.066	2.164	BB	949401	7144138	95.96%	5.918%
2	4.166	4.136	4.237	BB	779001	7339899	98.59%	6.080%
3	6.191	6.154	6.264	BB	730560	7387816	99.23%	6.120%
4	7.985	7.946	8.057	BB	667583	7420057	99.66%	6.147%
5	9.587	9.551	9.661	BB	640135	7445246	100.00%	6.168%
6	11.030	10.986	11.107	BB	619062	7419438	99.65%	6.146%
7	12.340	12.297	12.414	BB	582601	7289103	97.90%	6.038%
8	13.540	13.497	13.602	BB	564015	7084685	95.16%	5.869%
9	14.440	14.397	14.526	BB	434940	6186481	83.09%	5.125%
10	14.644	14.601	14.712	BB	493544	6891969	92.57%	5.709%
11	15.666	15.622	15.729	BB	491279	6673744	89.64%	5.529%
12	16.617	16.561	16.681	BB	462349	6482152	87.06%	5.370%
13	17.505	17.452	17.569	BB	453729	6330192	85.02%	5.244%
14	18.340	18.267	18.409	BB	408928	6294781	84.55%	5.215%
15	19.126	19.061	19.191	BB	371680	5882356	79.01%	4.873%
16	19.869	19.802	19.897	BV	375416	5756262	77.31%	4.769%
17	20.583	20.512	20.647	BB	305351	5285892	71.00%	4.379%
18	21.423	21.341	21.549	BB	248262	6398167	85.94%	5.300%
Sum of corrected areas:						120712377		

FG030419.M Thu Mar 07 08:24:36 2019