

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG101922\
 Data File : FG010942.D
 Signal(s) : FID1A.ch
 Acq On : 19 Oct 2022 10:05
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/20/2022
 Supervised By :Ankita Jodhani 10/20/2022

Integration File: Sample.e
 Quant Time: Oct 19 15:57:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG092822.M
 Quant Title :
 QLast Update : Thu Sep 29 02:21:49 2022
 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...	14.743	5729621	47.227 ug/ml
Target Compounds			
1) N-OCTANE	1.766	6311392	49.505 ug/ml
2) N-DECANE	4.261	6642569	51.043 ug/ml
3) N-DODECANE	6.444	6721580	50.683 ug/ml
4) N-TETRADECANE	8.276	6694586	49.926 ug/ml
5) N-HEXADECANE	9.886	6811559	49.125 ug/ml
6) N-OCTADECANE	11.330	6878481	48.805 ug/ml
7) N-EICOSANE	12.642	6818978	48.221 ug/ml
8) N-DOCOSANE	13.842	6597700	47.660 ug/ml
10) N-TETRACOSANE	14.948	6468577	46.951 ug/ml
11) N-HEXACOSANE	15.971	6248966	46.319 ug/ml
12) N-OCTACOSANE	16.923	6046892	46.112 ug/ml
13) N-TRIACONTANE	17.813	5990065	46.536 ug/ml
14) N-DOTRIACONTANE	18.648	6066003	47.736 ug/ml
15) N-TETRATRIACONTANE	19.434	6329726	50.423 ug/mlm
16) N-HEXATRIACONTANE	20.174	6620559	54.979 ug/ml
17) N-OCTATRIACONTANE	20.885	7197256	58.559 ug/ml
18) N-TETRACONTANE	21.716	7837215	62.386 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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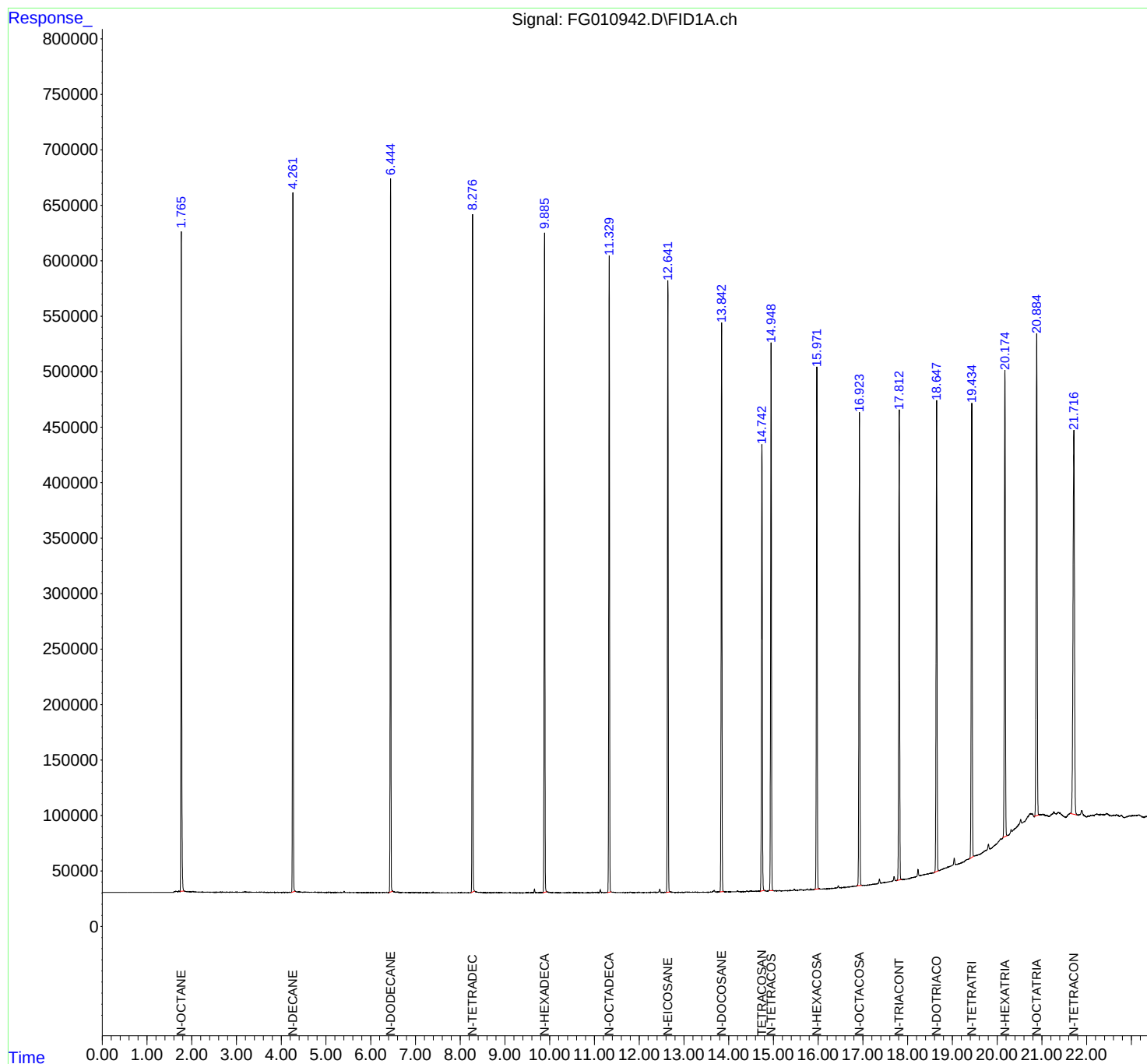
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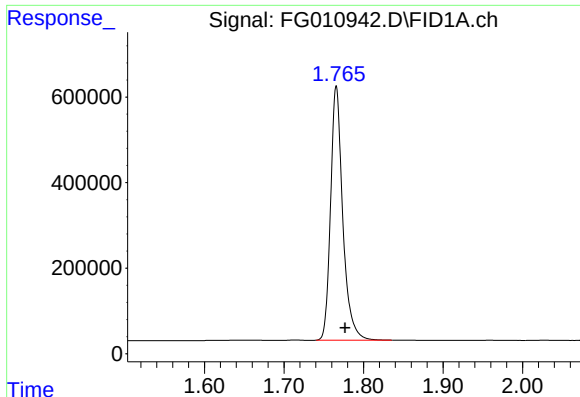
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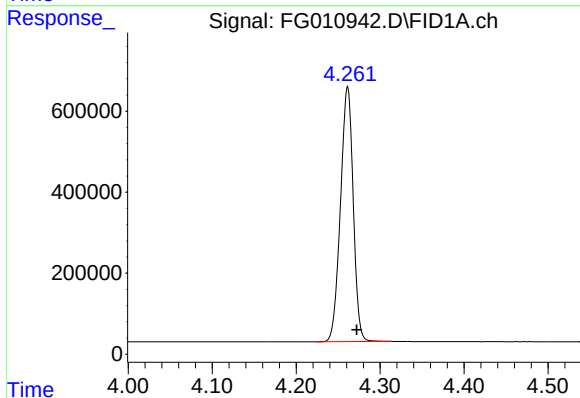
#1 N-OCTANE

R.T.: 1.766 min
Delta R.T.: -0.011 min
Response: 6311392
Conc: 49.50 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

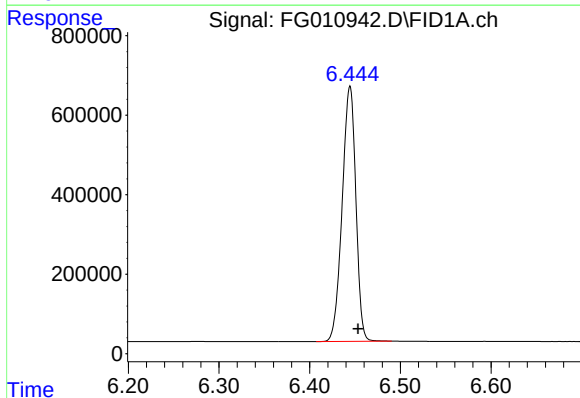
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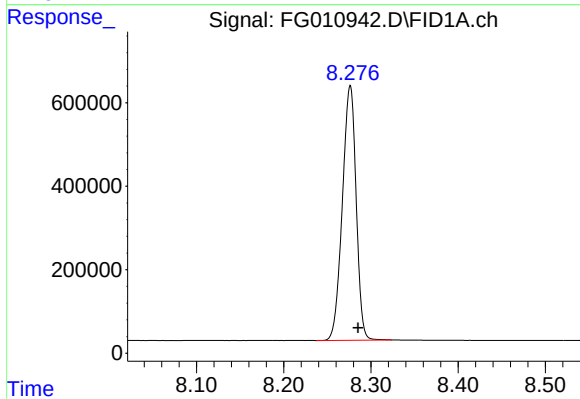
#2 N-DECANE

R.T.: 4.261 min
Delta R.T.: -0.011 min
Response: 6642569
Conc: 51.04 ug/ml



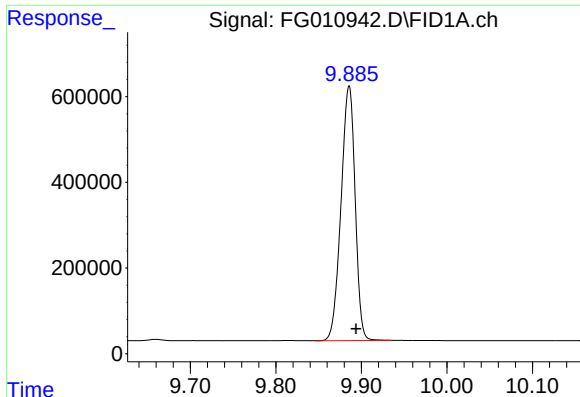
#3 N-DODECANE

R.T.: 6.444 min
Delta R.T.: -0.009 min
Response: 6721580
Conc: 50.68 ug/ml



#4 N-TETRADECANE

R.T.: 8.276 min
Delta R.T.: -0.009 min
Response: 6694586
Conc: 49.93 ug/ml



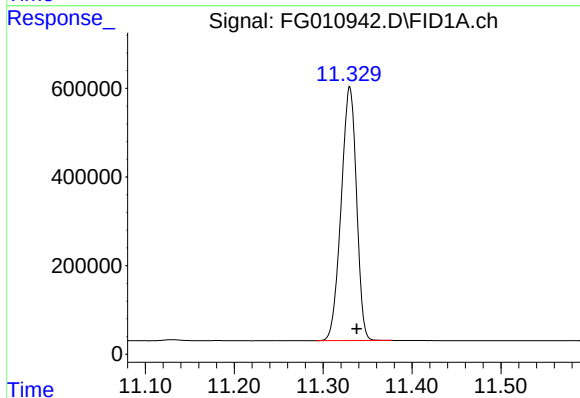
#5 N-HEXADECANE

R.T.: 9.886 min
Delta R.T.: -0.008 min
Response: 6811559
Conc: 49.12 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

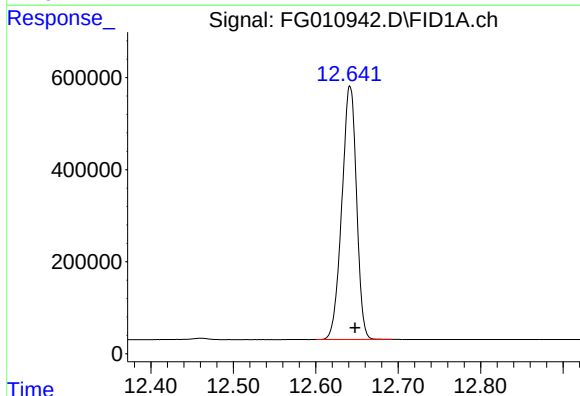
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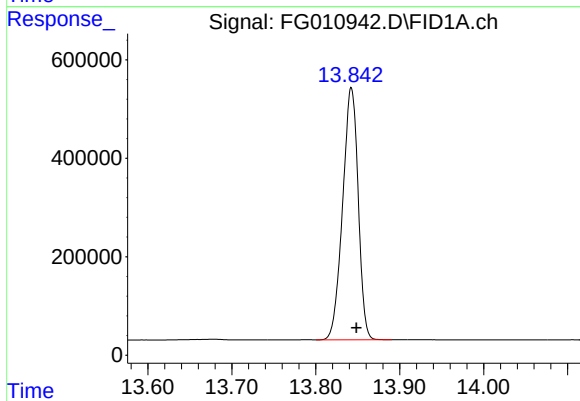
#6 N-OCTADECANE

R.T.: 11.330 min
Delta R.T.: -0.008 min
Response: 6878481
Conc: 48.81 ug/ml



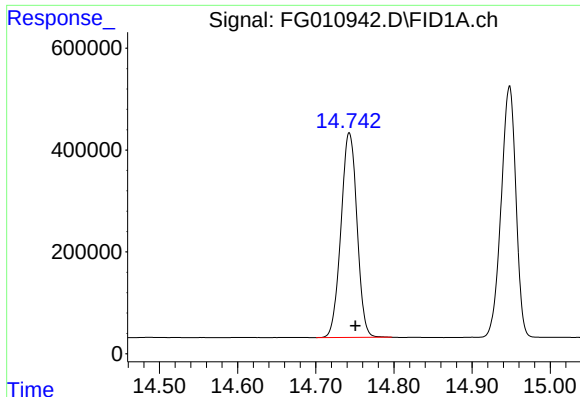
#7 N-EICOSANE

R.T.: 12.642 min
Delta R.T.: -0.006 min
Response: 6818978
Conc: 48.22 ug/ml



#8 N-DOCOSANE

R.T.: 13.842 min
Delta R.T.: -0.006 min
Response: 6597700
Conc: 47.66 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.743 min
Delta R.T.: -0.008 min
Response: 5729621
Conc: 47.23 ug/ml

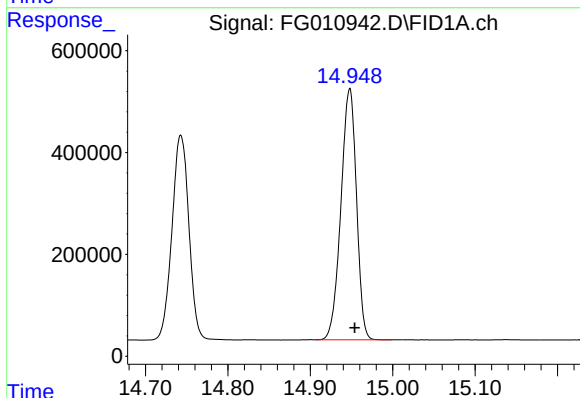
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

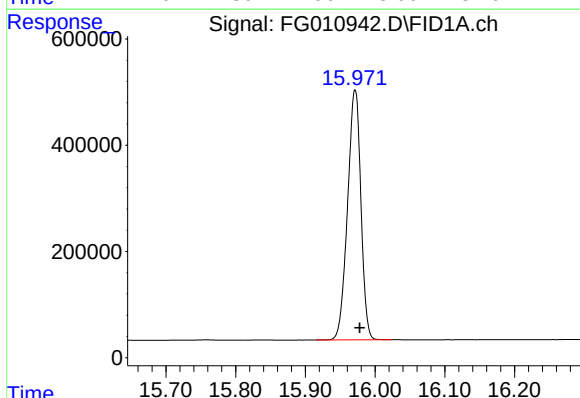
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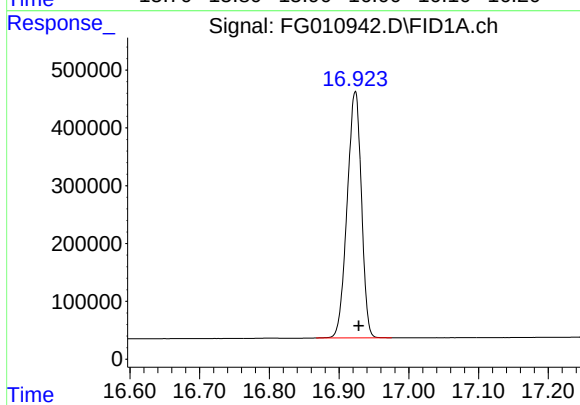
#10 N-TETRACOSANE

R.T.: 14.948 min
Delta R.T.: -0.006 min
Response: 6468577
Conc: 46.95 ug/ml



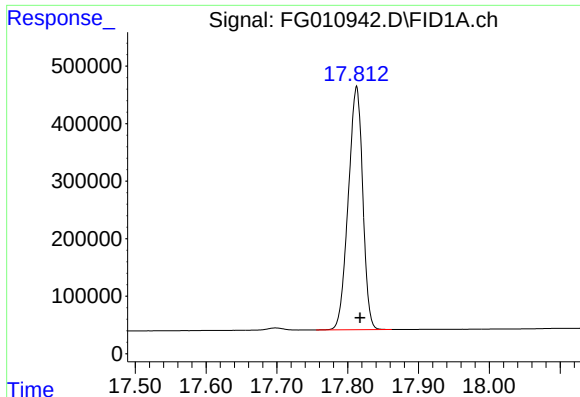
#11 N-HEXACOSANE

R.T.: 15.971 min
Delta R.T.: -0.006 min
Response: 6248966
Conc: 46.32 ug/ml



#12 N-OCTACOSANE

R.T.: 16.923 min
Delta R.T.: -0.005 min
Response: 6046892
Conc: 46.11 ug/ml



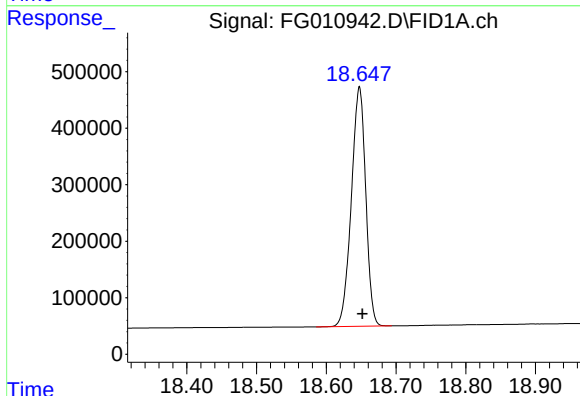
#13 N-TRIACONTANE

R.T.: 17.813 min
Delta R.T.: -0.005 min
Response: 5990065
Conc: 46.54 ug/ml

Instrument :
FID_G
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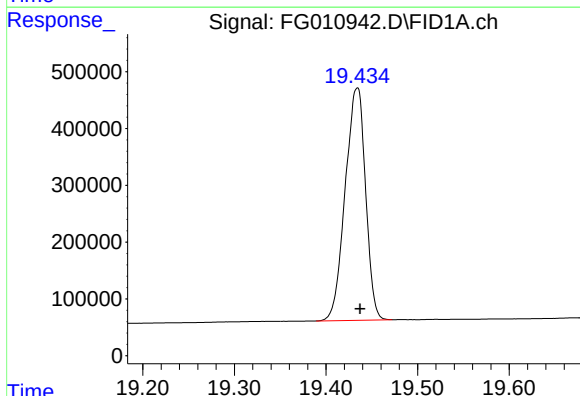
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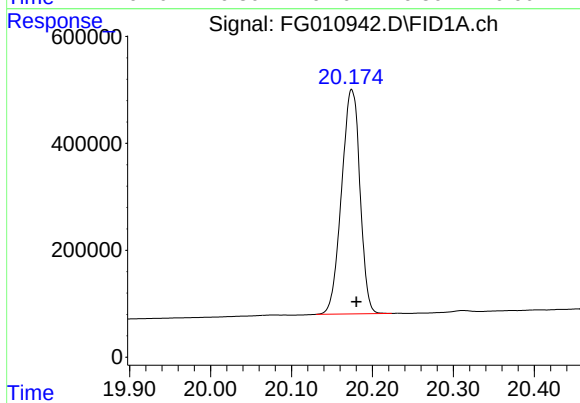
#14 N-DOTRIACONTANE

R.T.: 18.648 min
Delta R.T.: -0.004 min
Response: 6066003
Conc: 47.74 ug/ml



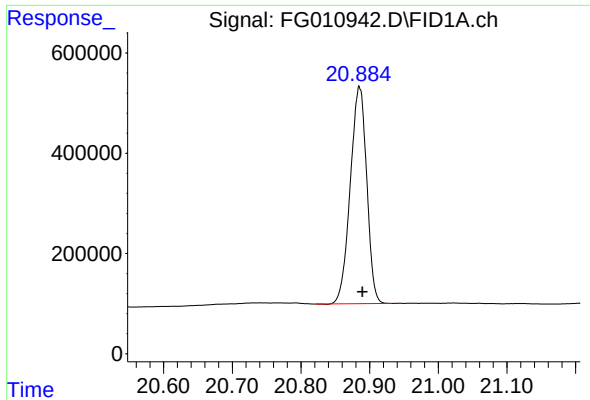
#15 N-TETRATRIACONTANE

R.T.: 19.434 min
Delta R.T.: -0.003 min
Response: 6329726
Conc: 50.42 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.174 min
Delta R.T.: -0.006 min
Response: 6620559
Conc: 54.98 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.885 min
Delta R.T.: -0.004 min
Response: 7197256
Conc: 58.56 ug/ml

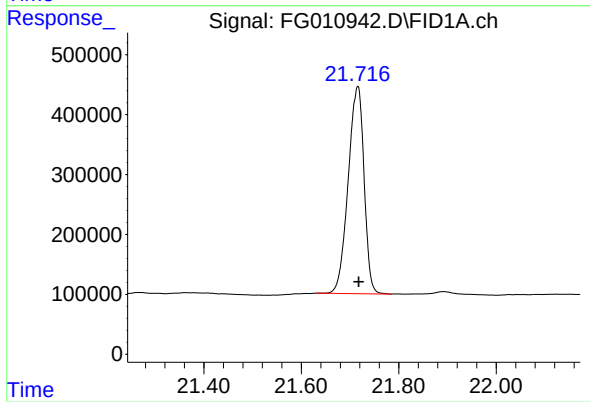
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#18 N-TETRACONTANE

R.T.: 21.716 min
Delta R.T.: -0.002 min
Response: 7837215
Conc: 62.39 ug/ml