

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG083022\
 Data File : FG010449.D
 Signal(s) : FID1A.ch
 Acq On : 30 Aug 2022 20:39
 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 08/31/2022
 Supervised By :Ankita Jodhani 08/31/2022

Integration File: autoint1.e
 Quant Time: Aug 31 04:46:53 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG082622.M
 Quant Title :
 QLast Update : Fri Aug 26 23:48:05 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...	14.790	5860880	47.889 ug/ml
Target Compounds			
1) N-OCTANE	1.813	6342338	50.397 ug/ml
2) N-DECANE	4.316	6491433	50.644 ug/ml
3) N-DODECANE	6.498	6616284	50.272 ug/ml
4) N-TETRADECANE	8.327	6680790	49.359 ug/ml
5) N-HEXADECANE	9.935	6812171	48.615 ug/ml
6) N-OCTADECANE	11.378	6886230	48.231 ug/ml
7) N-EICOSANE	12.689	6871048	48.123 ug/ml
8) N-DOCOSANE	13.888	6708774	48.142 ug/ml
10) N-TETRACOSANE	14.992	6665273	48.103 ug/ml
11) N-HEXACOSANE	16.014	6495854	47.883 ug/ml
12) N-OCTACOSANE	16.965	6294785	47.600 ug/ml
13) N-TRIACONTANE	17.852	6083635	46.950 ug/ml
14) N-DOTRIACONTANE	18.685	5918711	46.294 ug/ml
15) N-TETRATRIACONTANE	19.469	5902015	47.709 ug/ml
16) N-HEXATRIACONTANE	20.208	5626164	48.473 ug/ml
17) N-OCTATRIACONTANE	20.921	5801061	50.507 ug/ml
18) N-TETRACONTANE	21.762	6315777	53.569 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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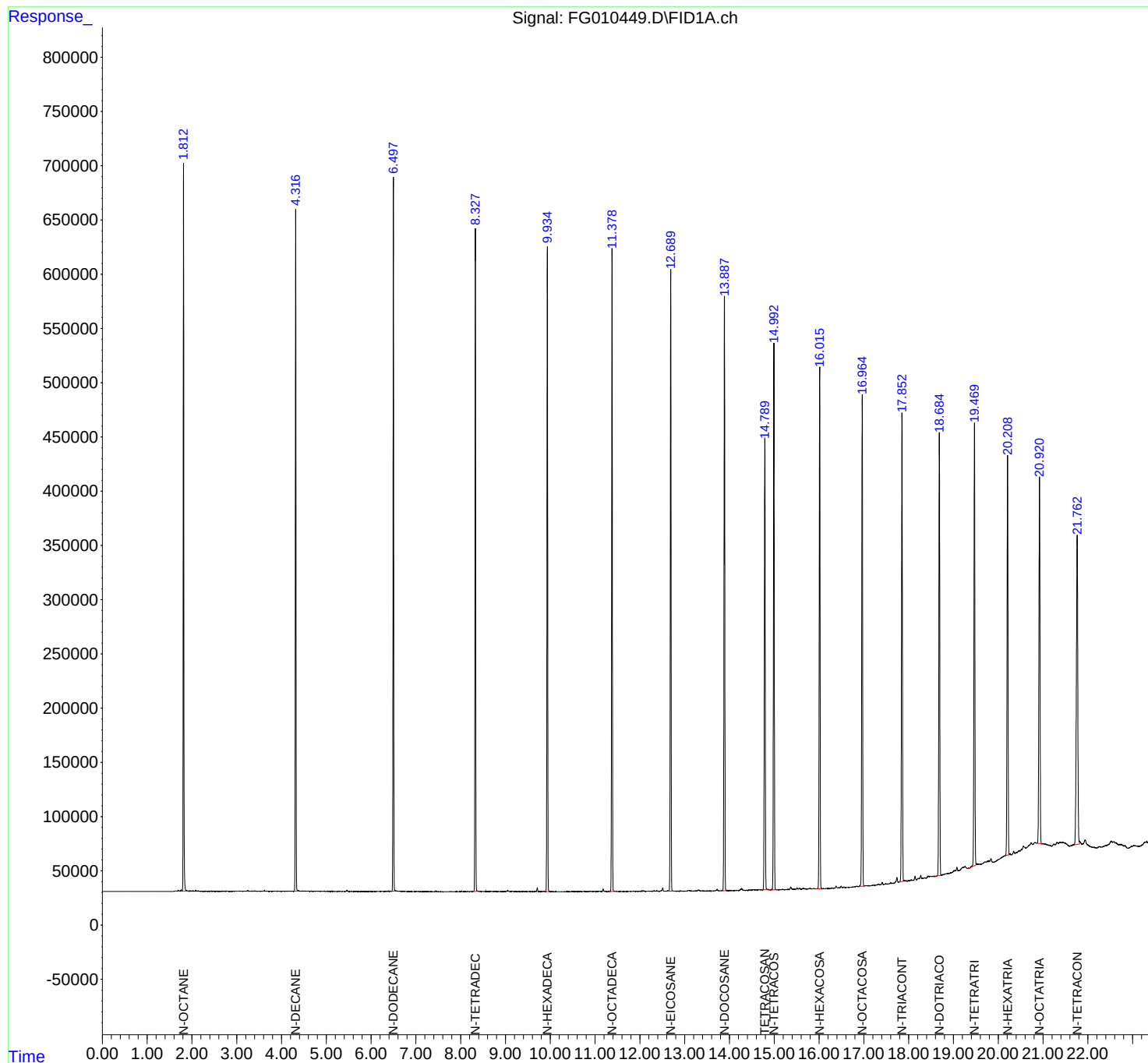
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50 PPM TRPH STD

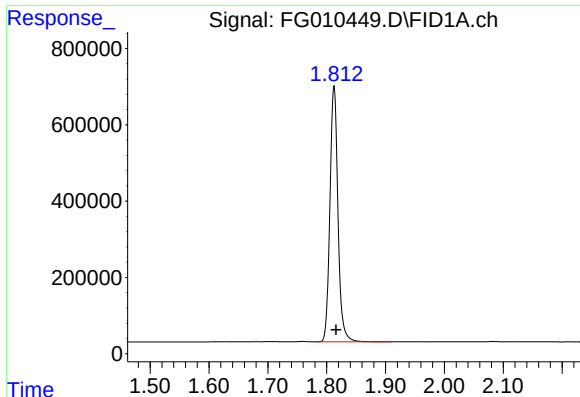
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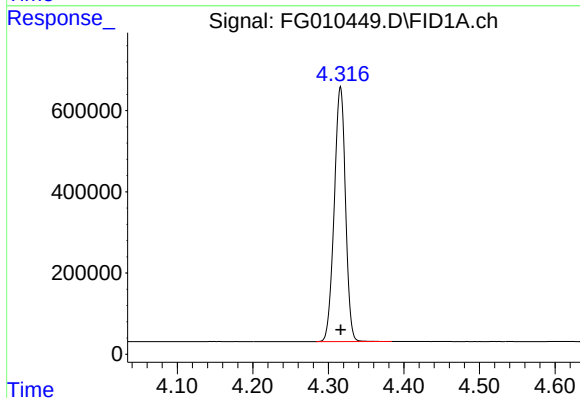
#1 N-OCTANE

R.T.: 1.813 min
Delta R.T.: -0.003 min
Response: 6342338
Conc: 50.40 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

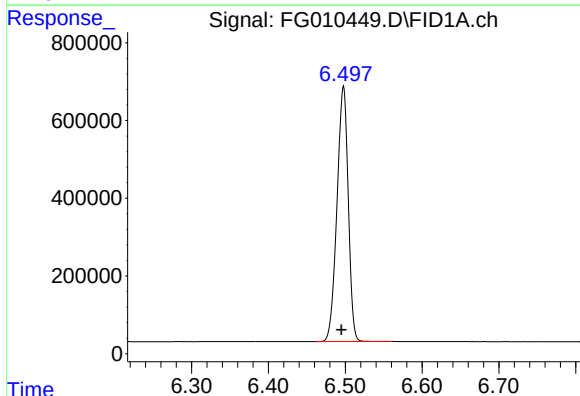
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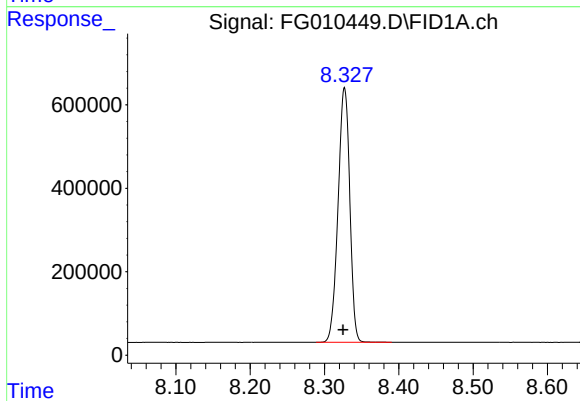
#2 N-DECANE

R.T.: 4.316 min
Delta R.T.: 0.000 min
Response: 6491433
Conc: 50.64 ug/ml



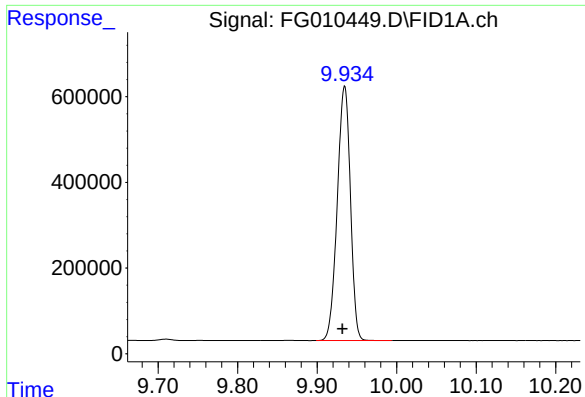
#3 N-DODECANE

R.T.: 6.498 min
Delta R.T.: 0.002 min
Response: 6616284
Conc: 50.27 ug/ml



#4 N-TETRADECANE

R.T.: 8.327 min
Delta R.T.: 0.002 min
Response: 6680790
Conc: 49.36 ug/ml



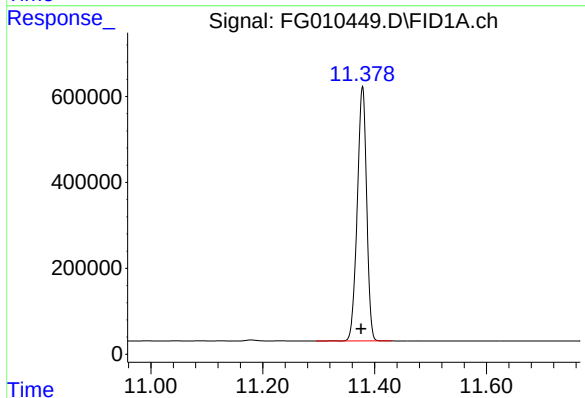
#5 N-HEXADECANE

R.T.: 9.935 min
Delta R.T.: 0.003 min
Response: 6812171
Conc: 48.62 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

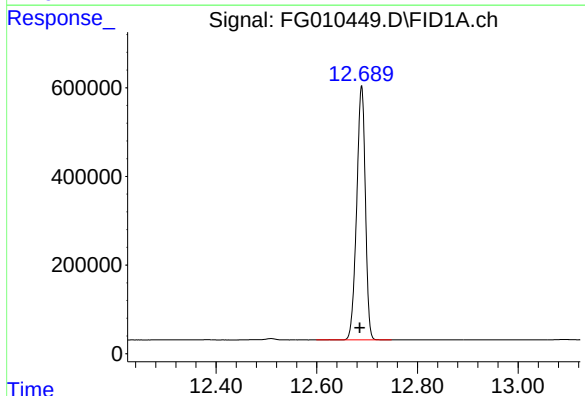
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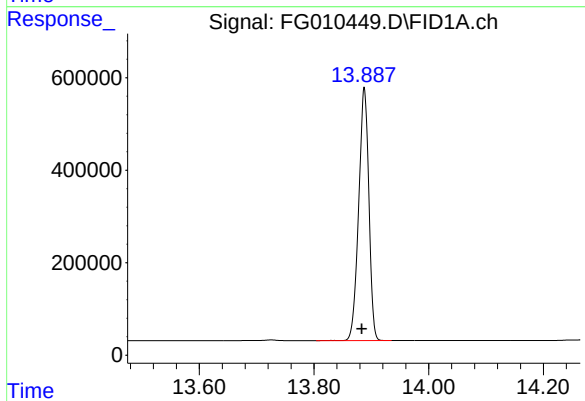
#6 N-OCTADECANE

R.T.: 11.378 min
Delta R.T.: 0.003 min
Response: 6886230
Conc: 48.23 ug/ml



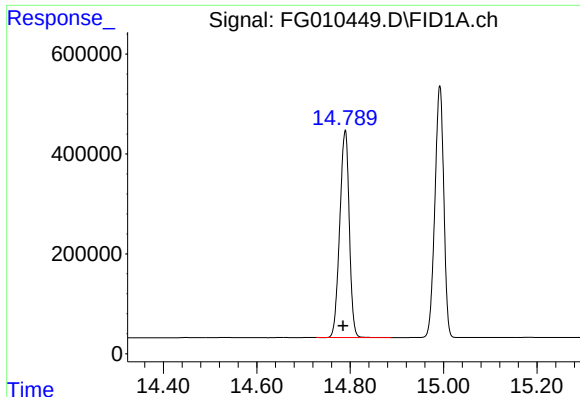
#7 N-EICOSANE

R.T.: 12.689 min
Delta R.T.: 0.004 min
Response: 6871048
Conc: 48.12 ug/ml



#8 N-DOCOSANE

R.T.: 13.888 min
Delta R.T.: 0.004 min
Response: 6708774
Conc: 48.14 ug/ml



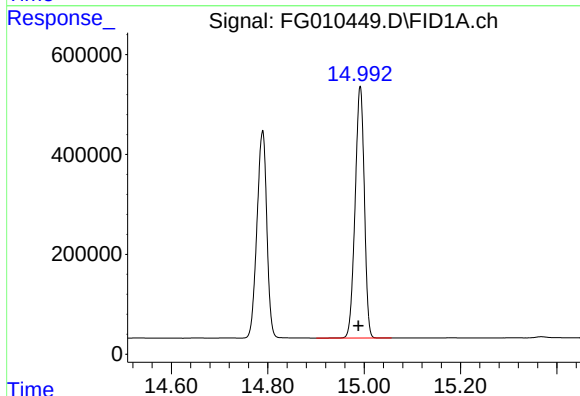
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.790 min
Delta R.T.: 0.005 min
Response: 5860880
Conc: 47.89 ug/ml

Instrument :
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50 PPM TRPH STD

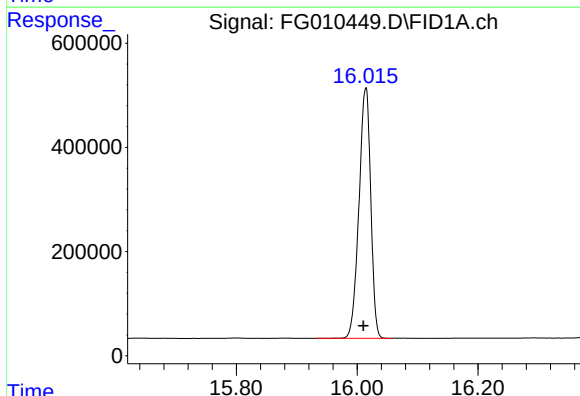
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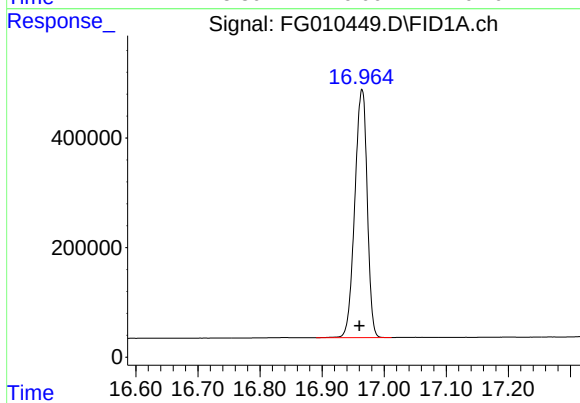
#10 N-TETRACOSANE

R.T.: 14.992 min
Delta R.T.: 0.004 min
Response: 6665273
Conc: 48.10 ug/ml



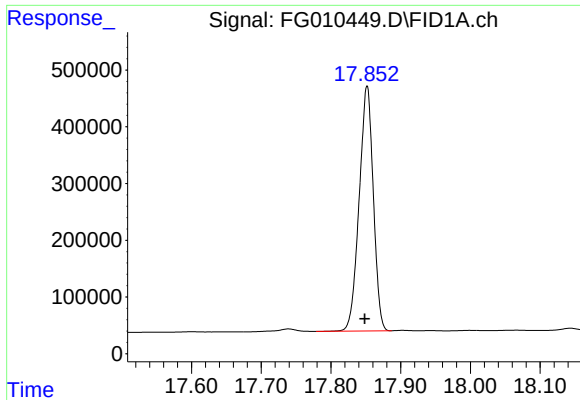
#11 N-HEXACOSANE

R.T.: 16.014 min
Delta R.T.: 0.004 min
Response: 6495854
Conc: 47.88 ug/ml



#12 N-OCTACOSANE

R.T.: 16.965 min
Delta R.T.: 0.004 min
Response: 6294785
Conc: 47.60 ug/ml



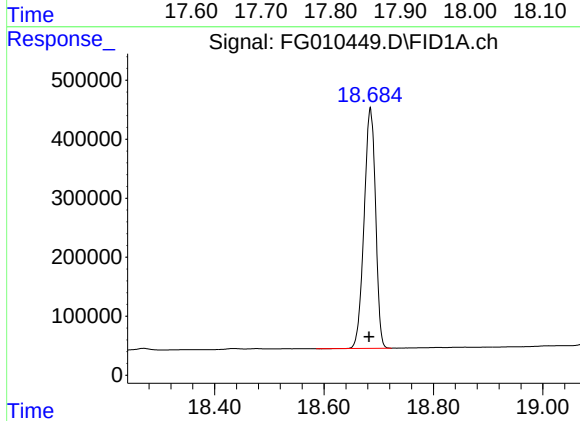
#13 N-TRIACONTANE

R.T.: 17.852 min
Delta R.T.: 0.003 min
Response: 6083635
Conc: 46.95 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

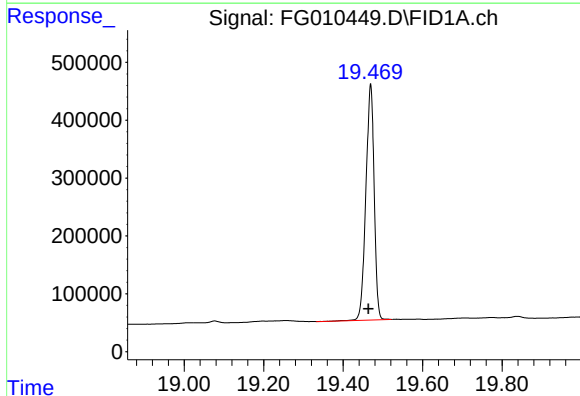
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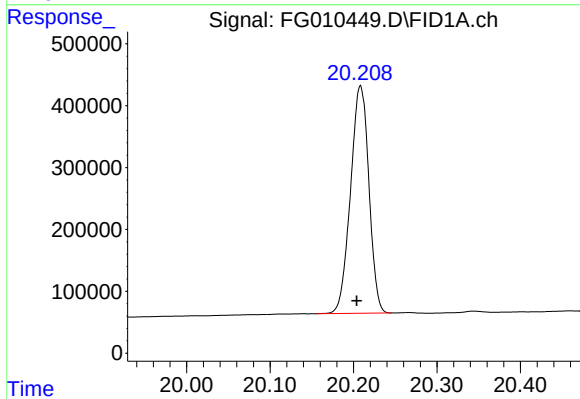
#14 N-DOTRIACONTANE

R.T.: 18.685 min
Delta R.T.: 0.002 min
Response: 5918711
Conc: 46.29 ug/ml



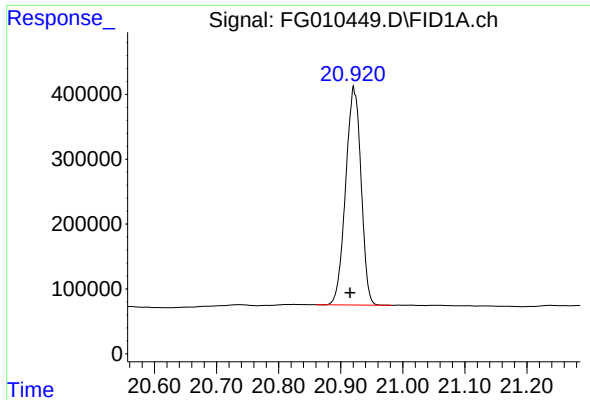
#15 N-TETRATRIACONTANE

R.T.: 19.469 min
Delta R.T.: 0.006 min
Response: 5902015
Conc: 47.71 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.208 min
Delta R.T.: 0.005 min
Response: 5626164
Conc: 48.47 ug/ml



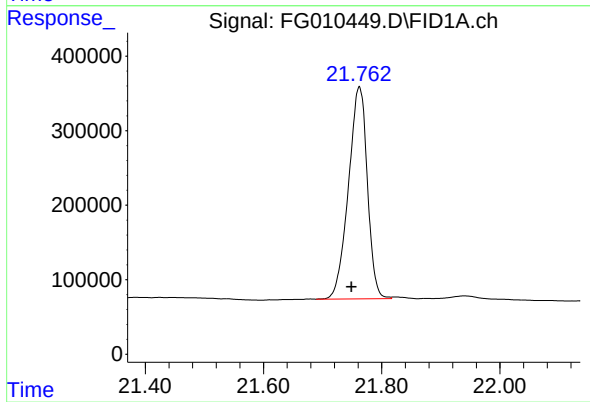
#17 N-OCTATRIACONTANE

R.T.: 20.921 min
Delta R.T.: 0.006 min
Response: 5801061
Conc: 50.51 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.762 min
Delta R.T.: 0.013 min
Response: 6315777
Conc: 53.57 ug/ml m