

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070221\
 Data File : FG008494.D
 Signal(s) : FID1A.ch
 Acq On : 02 Jul 2021 19:19
 Operator : DD\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
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Integration File: Sample.e
 Quant Time: Jul 02 23:12:27 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG062421.M
 Quant Title :
 QLast Update : Thu Jun 24 09:09:15 2021
 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...	14.777	5254787	40.163 ug/ml
Target Compounds			
1) N-OCTANE	2.359	6526529	46.663 ug/ml
2) N-DECANE	4.472	6603479	46.430 ug/ml
3) N-DODECANE	6.502	6603135	45.498 ug/ml
4) N-TETRADECANE	8.304	6558034	44.395 ug/ml
5) N-HEXADECANE	9.911	6421237	43.637 ug/ml
6) N-OCTADECANE	11.358	6447887	42.273 ug/ml
7) N-EICOSANE	12.673	6281969	41.335 ug/ml
8) N-DOCOSANE	13.875	6082834	40.497 ug/ml
10) N-TETRACOSANE	14.981	6253176	41.704 ug/ml
11) N-HEXACOSANE	16.007	5832743	39.666 ug/ml
12) N-OCTACOSANE	16.960	5769190	40.048 ug/mlm
13) N-TRIACONTANE	17.849	5691669	40.424 ug/ml
14) N-DOTRIACONTANE	18.685	5665971	42.337 ug/ml
15) N-TETRATRIACONTANE	19.469	5623225	45.301 ug/ml
16) N-HEXATRIACONTANE	20.212	5479956	49.601 ug/ml
17) N-OCTATRIACONTANE	20.971	5176930	53.771 ug/ml
18) N-TETRACONTANE	21.932	5433487	56.929 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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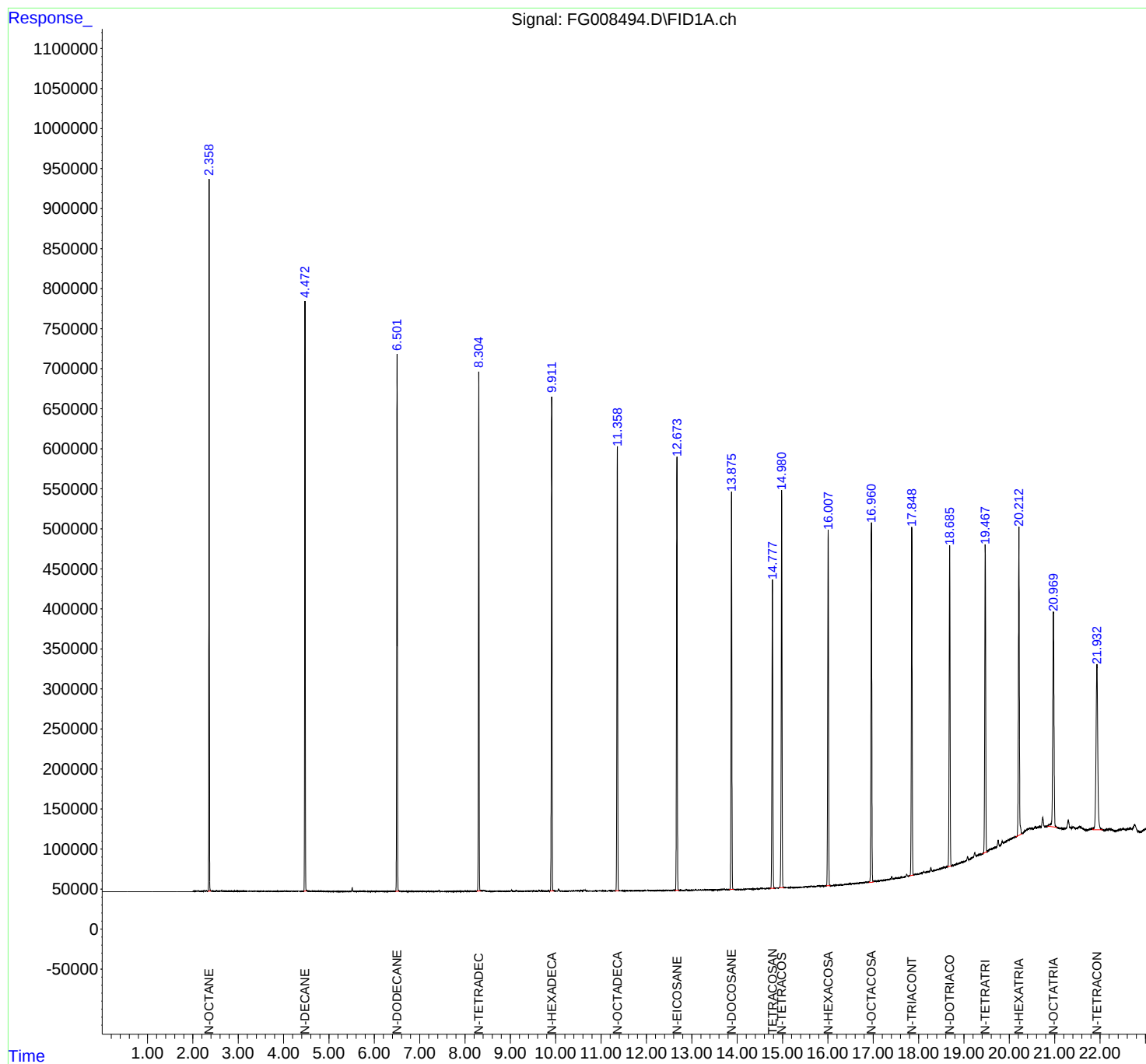
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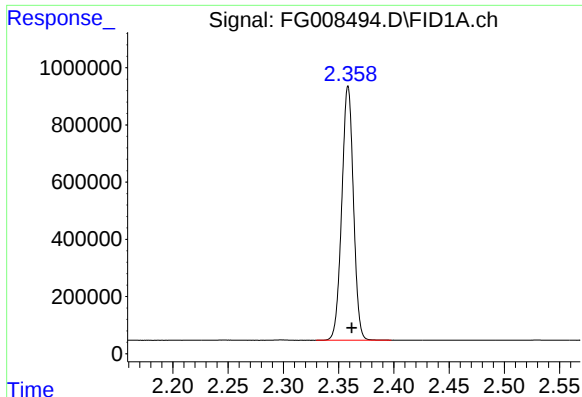
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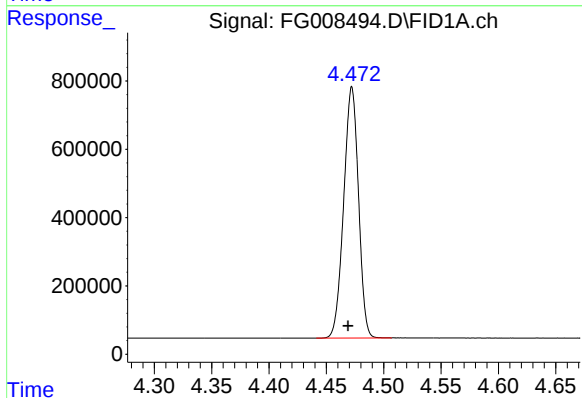
#1 N-OCTANE

R.T.: 2.359 min
Delta R.T.: -0.003 min
Response: 6526529
Conc: 46.66 ug/ml

Instrument :
FID_G
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50 PPM TRPH STD

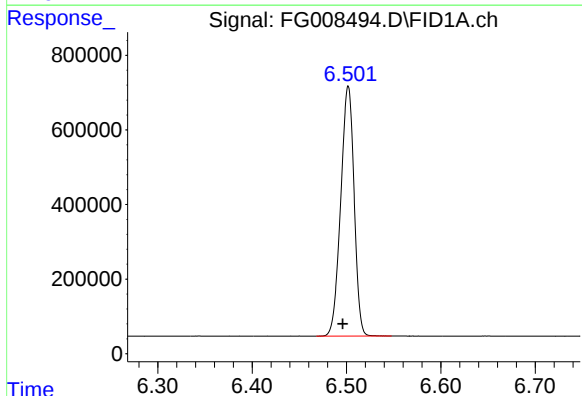
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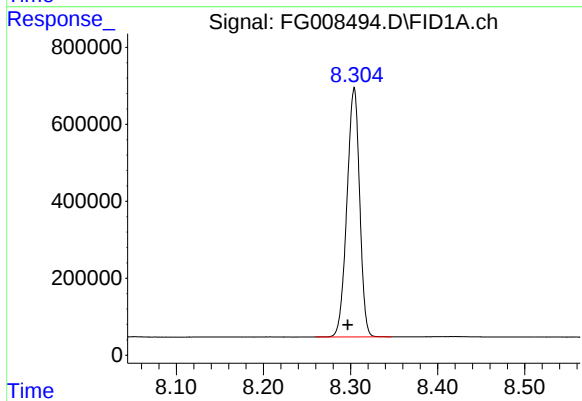
#2 N-DECANE

R.T.: 4.472 min
Delta R.T.: 0.003 min
Response: 6603479
Conc: 46.43 ug/ml



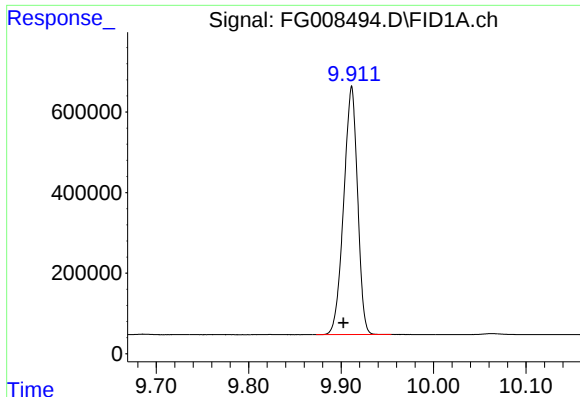
#3 N-DODECANE

R.T.: 6.502 min
Delta R.T.: 0.006 min
Response: 6603135
Conc: 45.50 ug/ml



#4 N-TETRADECANE

R.T.: 8.304 min
Delta R.T.: 0.007 min
Response: 6558034
Conc: 44.40 ug/ml



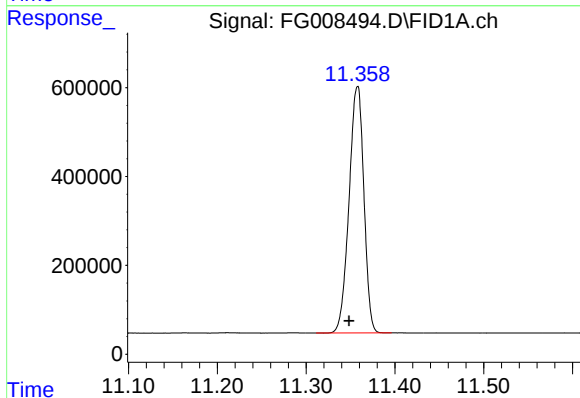
#5 N-HEXADECANE

R.T.: 9.911 min
Delta R.T.: 0.009 min
Response: 6421237
Conc: 43.64 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

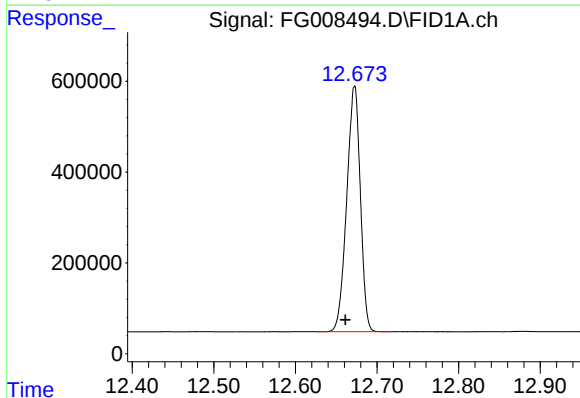
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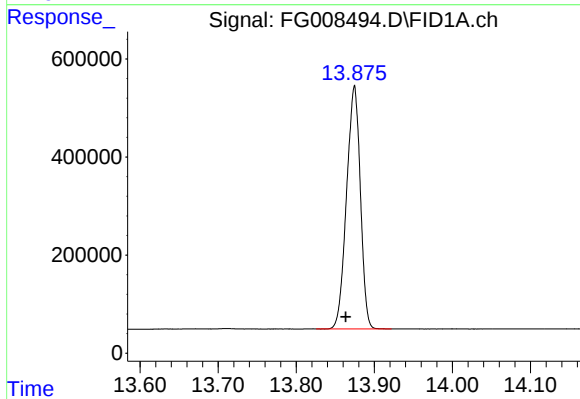
#6 N-OCTADECANE

R.T.: 11.358 min
Delta R.T.: 0.009 min
Response: 6447887
Conc: 42.27 ug/ml



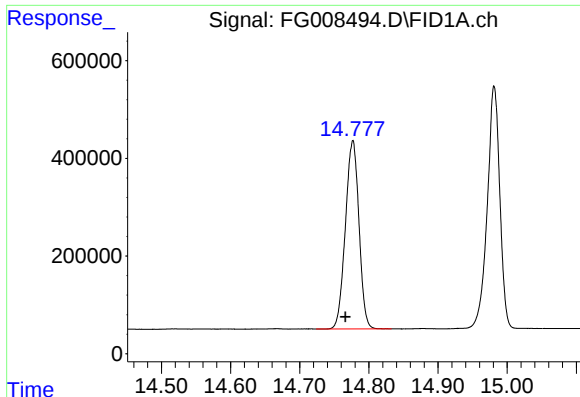
#7 N-EICOSANE

R.T.: 12.673 min
Delta R.T.: 0.011 min
Response: 6281969
Conc: 41.34 ug/ml



#8 N-DOCOSANE

R.T.: 13.875 min
Delta R.T.: 0.011 min
Response: 6082834
Conc: 40.50 ug/ml



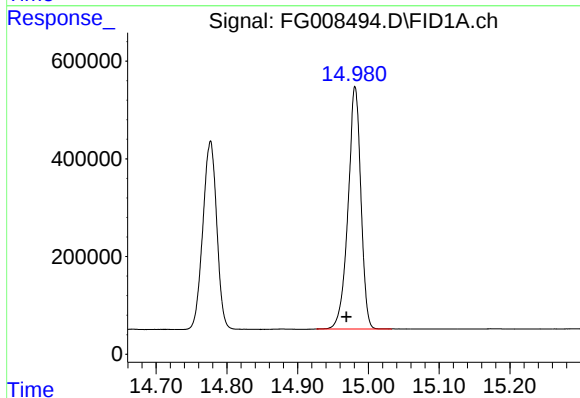
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.777 min
Delta R.T.: 0.011 min
Response: 5254787
Conc: 40.16 ug/ml

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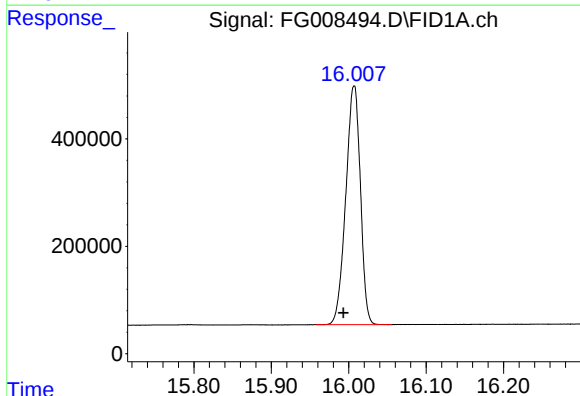
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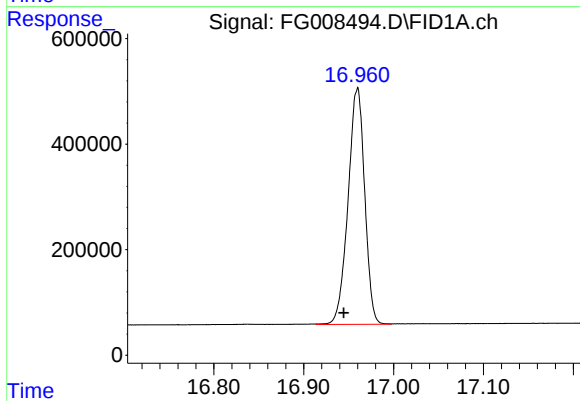
#10 N-TETRACOSANE

R.T.: 14.981 min
Delta R.T.: 0.012 min
Response: 6253176
Conc: 41.70 ug/ml



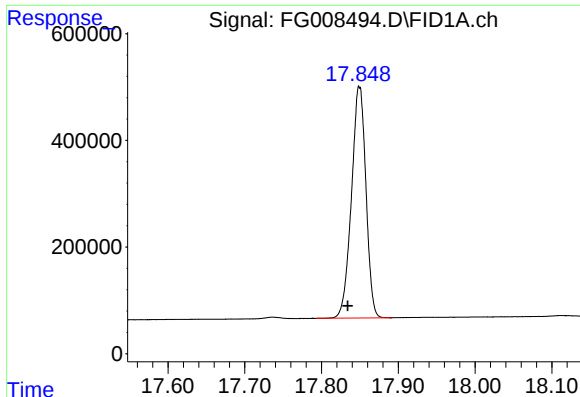
#11 N-HEXACOSANE

R.T.: 16.007 min
Delta R.T.: 0.014 min
Response: 5832743
Conc: 39.67 ug/ml



#12 N-OCTACOSANE

R.T.: 16.960 min
Delta R.T.: 0.015 min
Response: 5769190
Conc: 40.05 ug/ml m



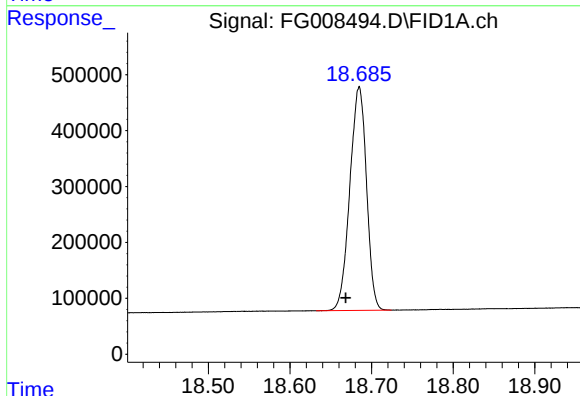
#13 N-TRIACONTANE

R.T.: 17.849 min
Delta R.T.: 0.015 min
Response: 5691669
Conc: 40.42 ug/ml

Instrument :
FID_G
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50 PPM TRPH STD

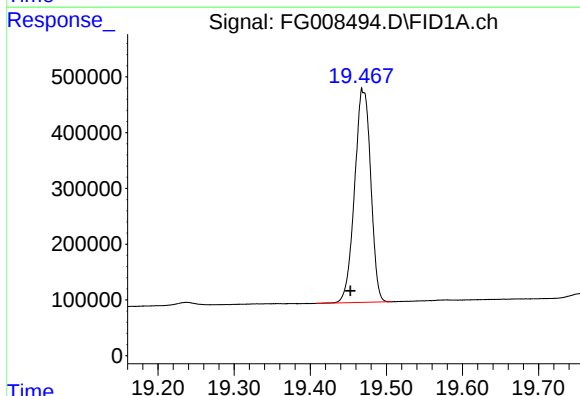
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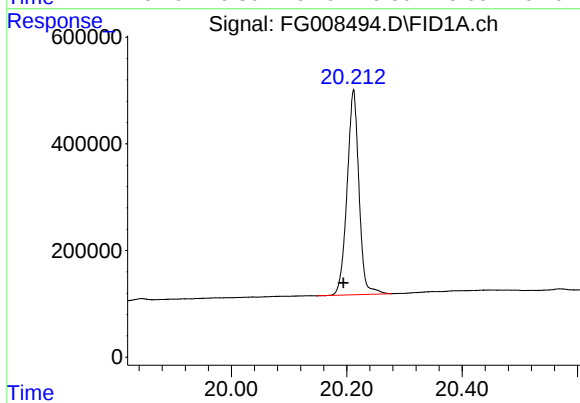
#14 N-DOTRIACONTANE

R.T.: 18.685 min
Delta R.T.: 0.017 min
Response: 5665971
Conc: 42.34 ug/ml



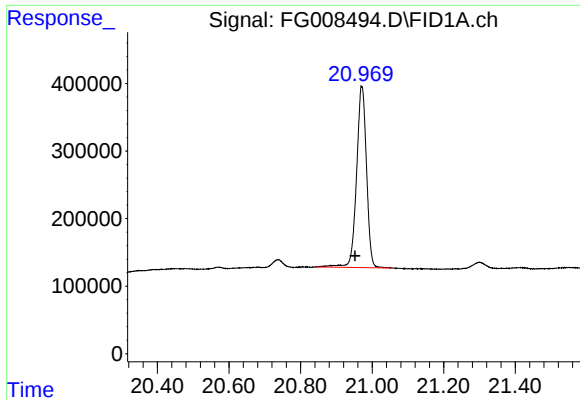
#15 N-TETRATRIACONTANE

R.T.: 19.469 min
Delta R.T.: 0.016 min
Response: 5623225
Conc: 45.30 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.212 min
Delta R.T.: 0.017 min
Response: 5479956
Conc: 49.60 ug/ml



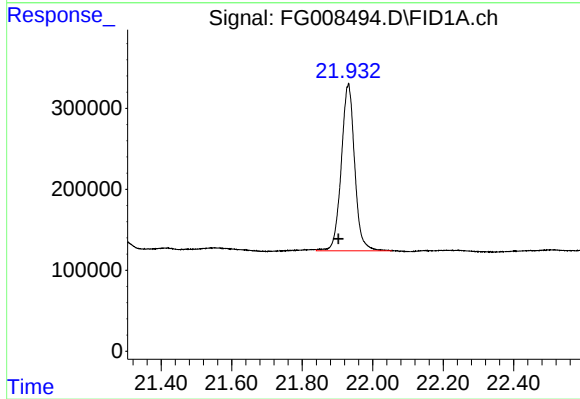
#17 N-OCTATRIACONTANE

R.T.: 20.971 min
Delta R.T.: 0.019 min
Response: 5176930
Conc: 53.77 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.932 min
Delta R.T.: 0.029 min
Response: 5433487
Conc: 56.93 ug/ml m