

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG072624\
 Data File : FG013970.D
 Signal(s) : FID1A.ch
 Acq On : 26 Jul 2024 14:41
 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 07/29/2024
 Supervised By :Ankita Jodhani 07/29/2024

Integration File: autoint1.e
 Quant Time: Jul 27 02:55:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG072324.M
 Quant Title :
 QLast Update : Tue Jul 23 14:43:06 2024
 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...	14.961	5573489	46.075 ug/ml
Target Compounds			
1) N-OCTANE	1.970	5889867	48.949 ug/ml
2) N-DECANE	4.478	6073469	48.714 ug/ml
3) N-DODECANE	6.652	6307658	47.804 ug/ml
4) N-TETRADECANE	8.484	6171582	47.202 ug/ml
5) N-HEXADECANE	10.096	6250804	46.900 ug/ml
6) N-OCTADECANE	11.543	6371748	46.626 ug/ml
7) N-EICOSANE	12.857	6193651	46.342 ug/ml
8) N-DOCOSANE	14.059	6075454	46.153 ug/ml
10) N-TETRACOSANE	15.165	6020294	46.121 ug/ml
11) N-HEXACOSANE	16.189	5913639	46.041 ug/ml
12) N-OCTACOSANE	17.143	5889734	46.436 ug/mlm
13) N-TRIACONTANE	18.033	5934197	47.175 ug/ml
14) N-DOTRIACONTANE	18.867	5812811	47.641 ug/mlm
15) N-TETRATRIACONTANE	19.651	5031088	49.985 ug/mlm
16) N-HEXATRIACONTANE	20.392	4388245	52.519 ug/mlm
17) N-OCTATRIACONTANE	21.128	4315112	57.854 ug/mlm
18) N-TETRACONTANE	22.032	3841401	55.431 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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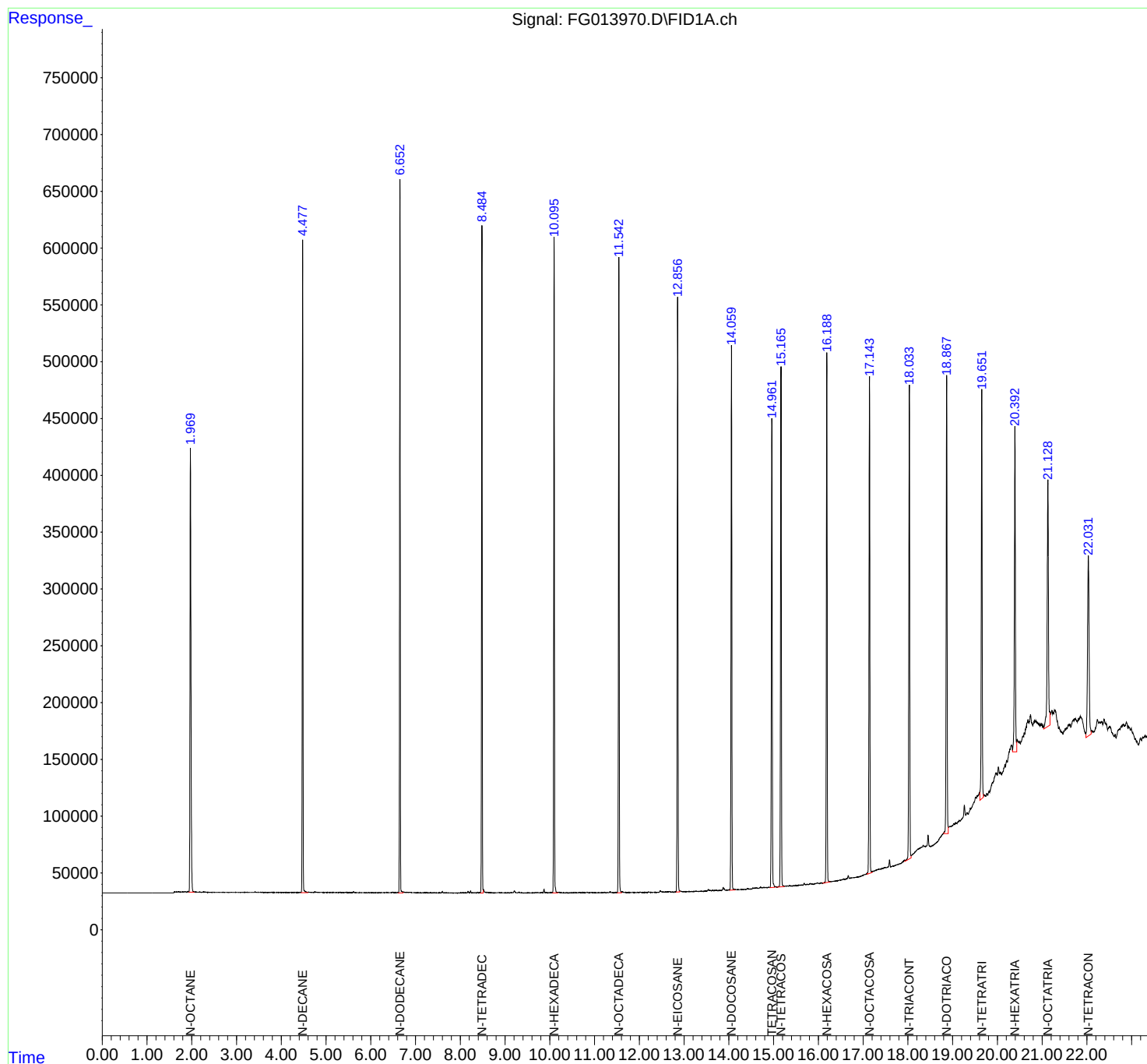
Instrument :
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50 PPM TRPH STD

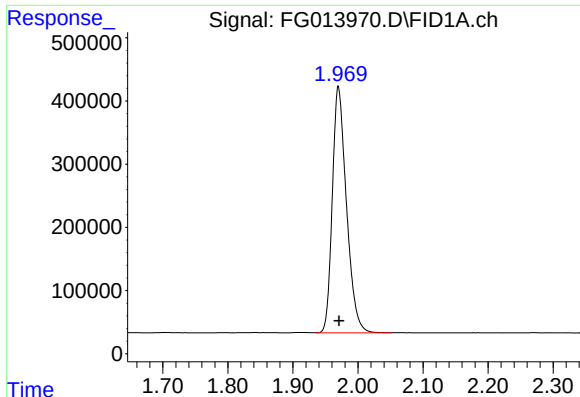
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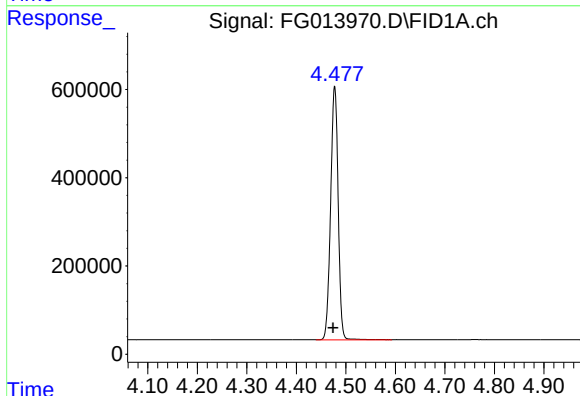
#1 N-OCTANE

R.T.: 1.970 min
Delta R.T.: -0.001 min
Response: 5889867
Conc: 48.95 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

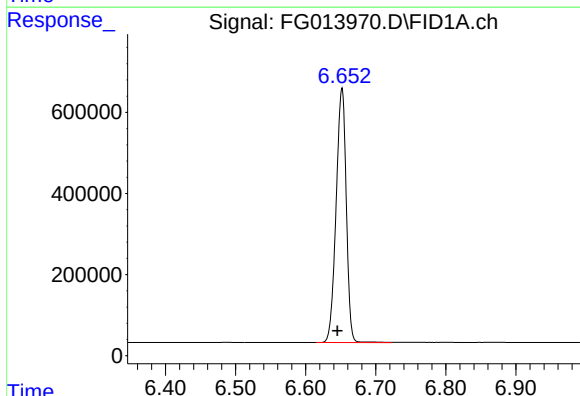
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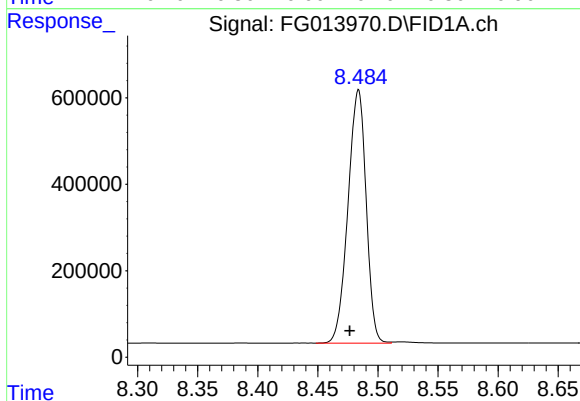
#2 N-DECANE

R.T.: 4.478 min
Delta R.T.: 0.003 min
Response: 6073469
Conc: 48.71 ug/ml



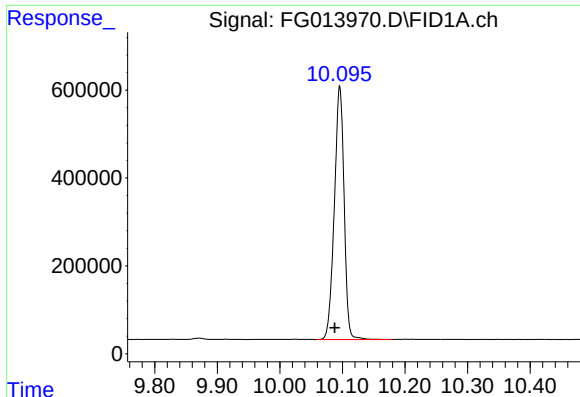
#3 N-DODECANE

R.T.: 6.652 min
Delta R.T.: 0.007 min
Response: 6307658
Conc: 47.80 ug/ml



#4 N-TETRADECANE

R.T.: 8.484 min
Delta R.T.: 0.007 min
Response: 6171582
Conc: 47.20 ug/ml



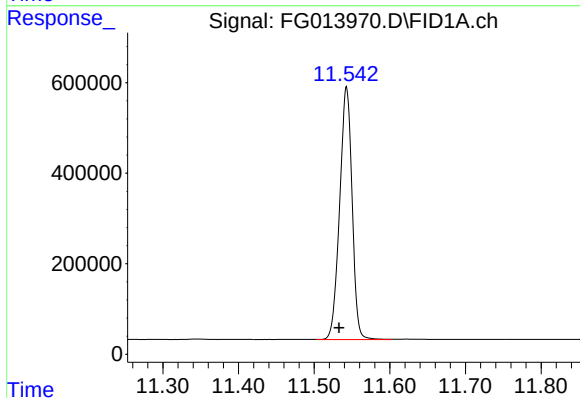
#5 N-HEXADECANE

R.T.: 10.096 min
Delta R.T.: 0.008 min
Response: 6250804
Conc: 46.90 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

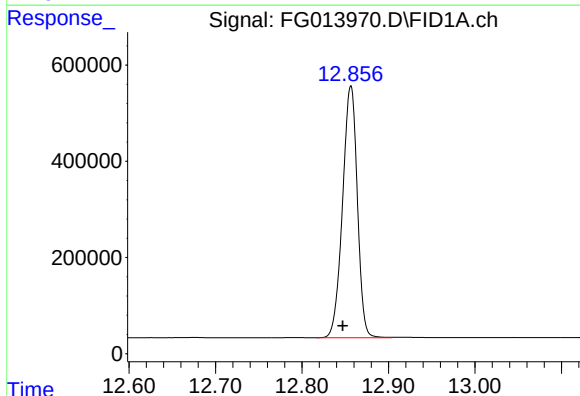
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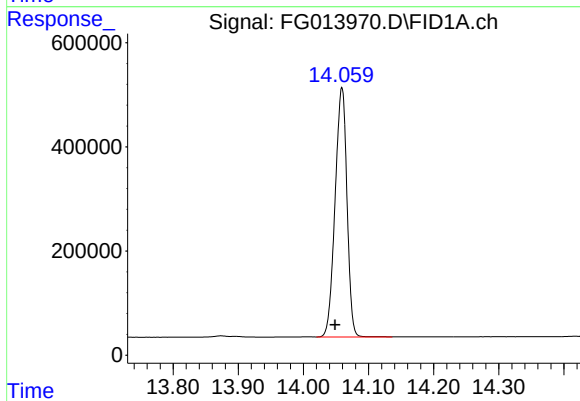
#6 N-OCTADECANE

R.T.: 11.543 min
Delta R.T.: 0.010 min
Response: 6371748
Conc: 46.63 ug/ml



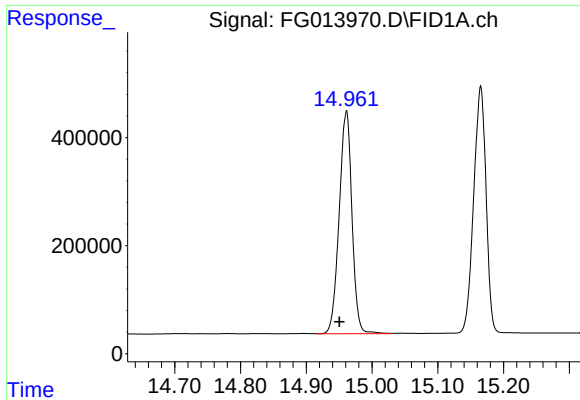
#7 N-EICOSANE

R.T.: 12.857 min
Delta R.T.: 0.009 min
Response: 6193651
Conc: 46.34 ug/ml



#8 N-DOCOSANE

R.T.: 14.059 min
Delta R.T.: 0.011 min
Response: 6075454
Conc: 46.15 ug/ml



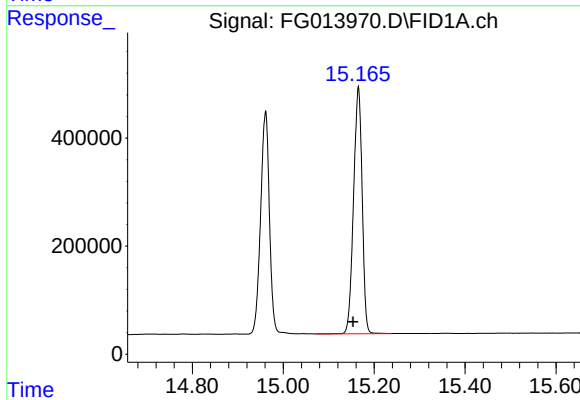
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.961 min
Delta R.T.: 0.011 min
Response: 5573489
Conc: 46.08 ug/ml

Instrument :
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50 PPM TRPH STD

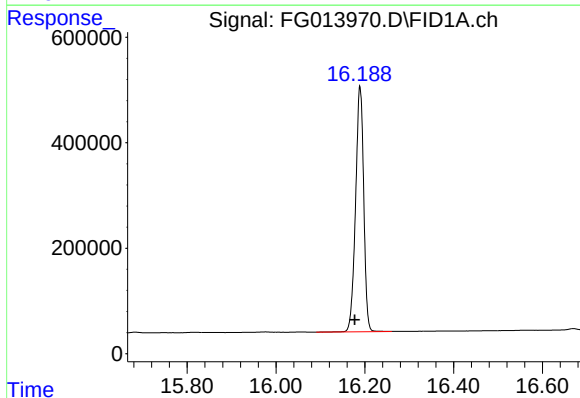
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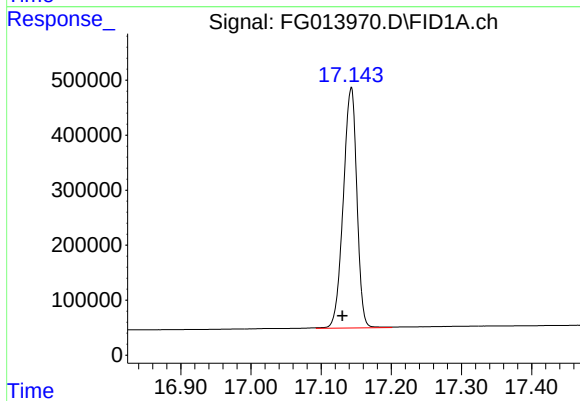
#10 N-TETRACOSANE

R.T.: 15.165 min
Delta R.T.: 0.012 min
Response: 6020294
Conc: 46.12 ug/ml



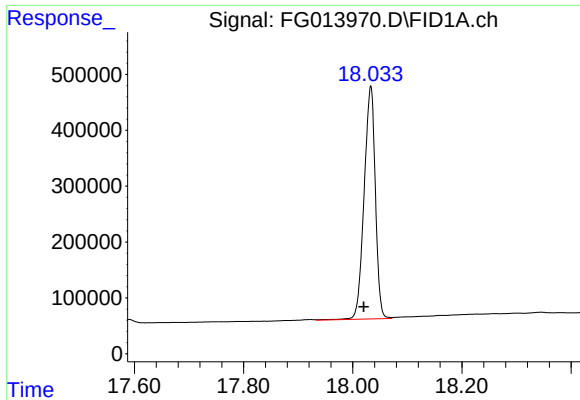
#11 N-HEXACOSANE

R.T.: 16.189 min
Delta R.T.: 0.012 min
Response: 5913639
Conc: 46.04 ug/ml



#12 N-OCTACOSANE

R.T.: 17.143 min
Delta R.T.: 0.013 min
Response: 5889734
Conc: 46.44 ug/ml m



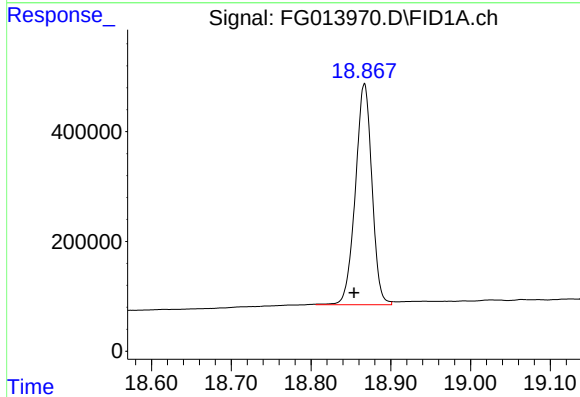
#13 N-TRIACONTANE

R.T.: 18.033 min
Delta R.T.: 0.013 min
Response: 5934197
Conc: 47.17 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

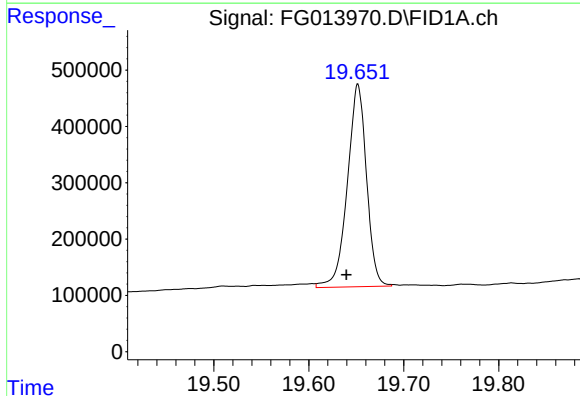
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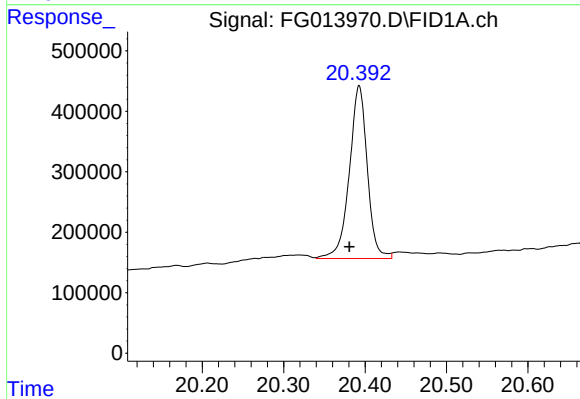
#14 N-DOTRIACONTANE

R.T.: 18.867 min
Delta R.T.: 0.013 min
Response: 5812811
Conc: 47.64 ug/ml m



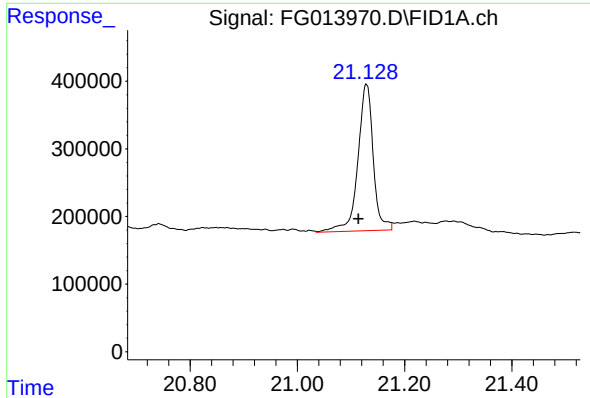
#15 N-TETRATRIACONTANE

R.T.: 19.651 min
Delta R.T.: 0.012 min
Response: 5031088
Conc: 49.99 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.392 min
Delta R.T.: 0.012 min
Response: 4388245
Conc: 52.52 ug/ml m



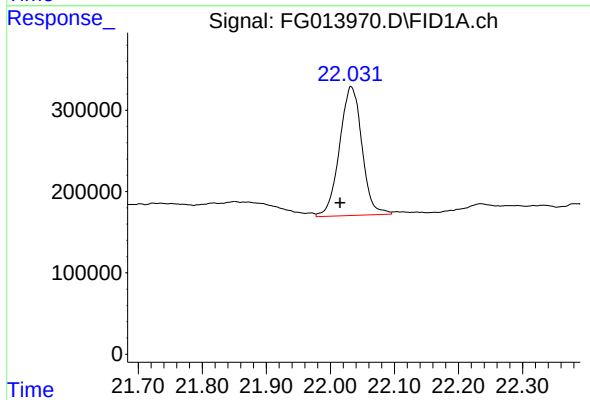
#17 N-OCTATRIACONTANE

R.T.: 21.128 min
Delta R.T.: 0.013 min
Response: 4315112
Conc: 57.85 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.032 min
Delta R.T.: 0.017 min
Response: 3841401
Conc: 55.43 ug/ml