

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062424\
 Data File : FG013886.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jun 2024 15:24
 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 06/25/2024
 Supervised By :Ankita Jodhani 06/25/2024

Integration File: autoint1.e
 Quant Time: Jun 25 04:21:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG052824.M
 Quant Title :
 QLast Update : Tue May 28 12:12:14 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...	14.970	6095700	55.313 ug/ml
Target Compounds			
1) N-OCTANE	1.978	6125509	50.989 ug/ml
2) N-DECANE	4.487	6937094	57.015 ug/ml
3) N-DODECANE	6.661	7101512	57.176 ug/ml
4) N-TETRADECANE	8.494	7181399	56.339 ug/ml
5) N-HEXADECANE	10.106	7264006	56.888 ug/ml
6) N-OCTADECANE	11.553	7306029	56.722 ug/ml
7) N-EICOSANE	12.866	7138673	55.313 ug/ml
8) N-DOCOSANE	14.068	6946400	55.759 ug/ml
10) N-TETRACOSANE	15.174	6890644	55.865 ug/ml
11) N-HEXACOSANE	16.199	6744617	55.532 ug/ml
12) N-OCTACOSANE	17.151	6647811	56.100 ug/ml
13) N-TRIACONTANE	18.041	6495427	55.304 ug/ml
14) N-DOTRIACONTANE	18.874	5994301	53.325 ug/mlm
15) N-TETRATRIACONTANE	19.661	5270403	51.250 ug/ml
16) N-HEXATRIACONTANE	20.401	4496658	50.515 ug/mlm
17) N-OCTATRIACONTANE	21.138	3900546	49.551 ug/mlm
18) N-TETRACONTANE	22.042	3374957	51.682 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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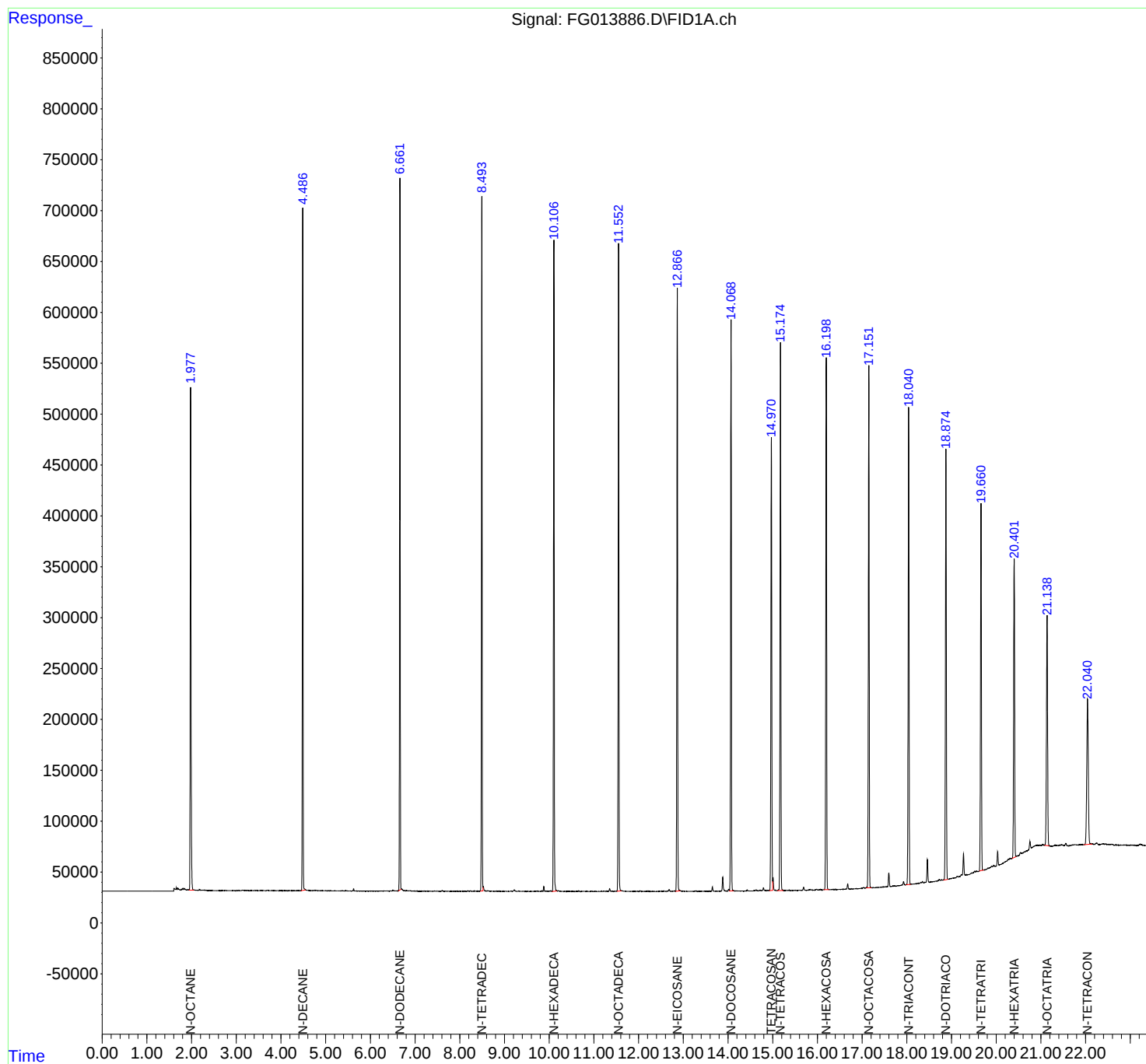
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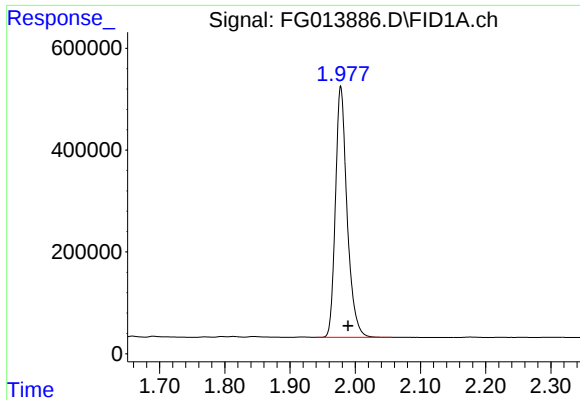
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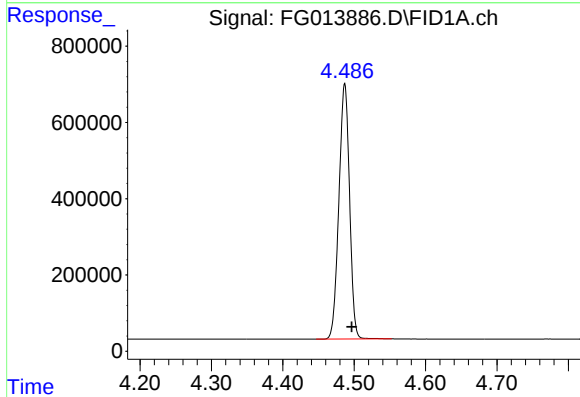
#1 N-OCTANE

R.T.: 1.978 min
Delta R.T.: -0.011 min
Response: 6125509
Conc: 50.99 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

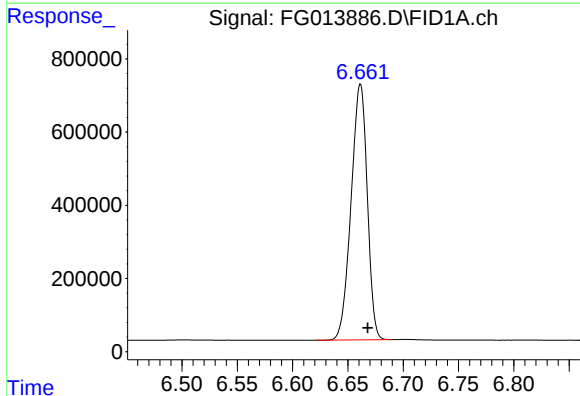
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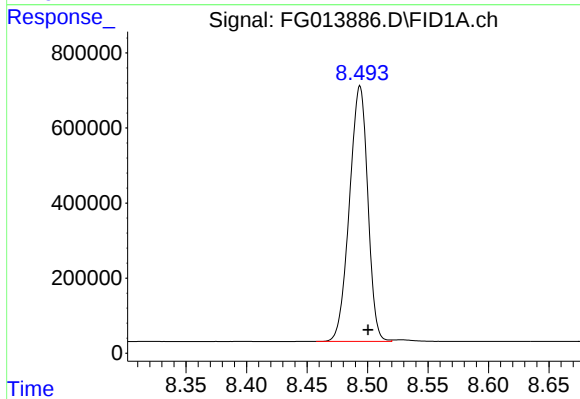
#2 N-DECANE

R.T.: 4.487 min
Delta R.T.: -0.010 min
Response: 6937094
Conc: 57.01 ug/ml



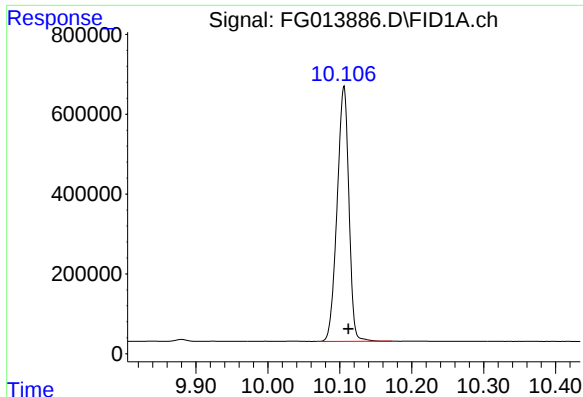
#3 N-DODECANE

R.T.: 6.661 min
Delta R.T.: -0.007 min
Response: 7101512
Conc: 57.18 ug/ml



#4 N-TETRADECANE

R.T.: 8.494 min
Delta R.T.: -0.007 min
Response: 7181399
Conc: 56.34 ug/ml



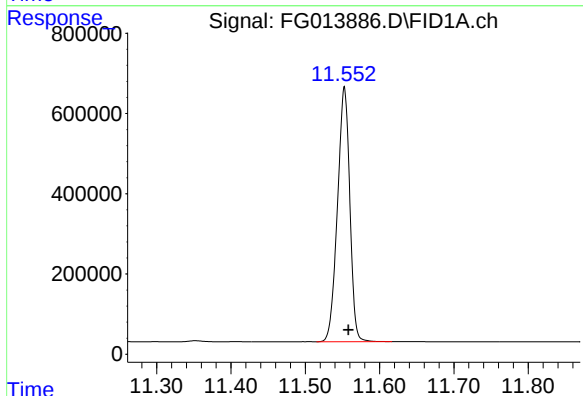
#5 N-HEXADECANE

R.T.: 10.106 min
Delta R.T.: -0.006 min
Response: 7264006
Conc: 56.89 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

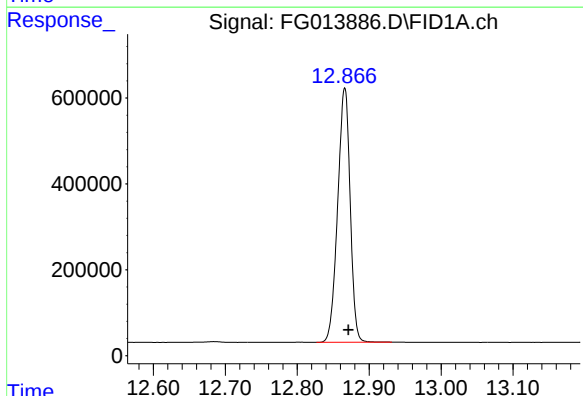
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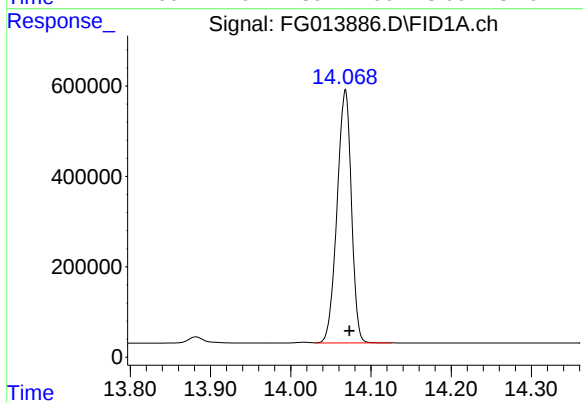
#6 N-OCTADECANE

R.T.: 11.553 min
Delta R.T.: -0.005 min
Response: 7306029
Conc: 56.72 ug/ml



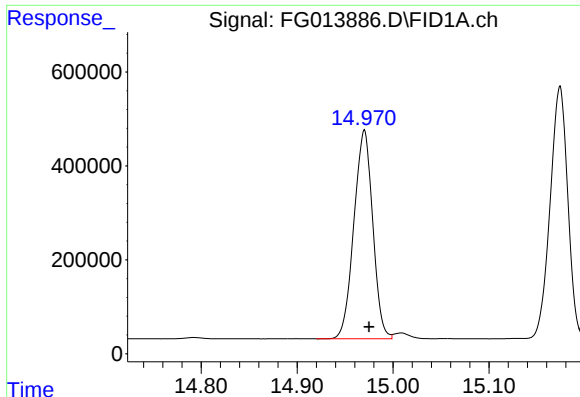
#7 N-EICOSANE

R.T.: 12.866 min
Delta R.T.: -0.005 min
Response: 7138673
Conc: 55.31 ug/ml



#8 N-DOCOSANE

R.T.: 14.068 min
Delta R.T.: -0.005 min
Response: 6946400
Conc: 55.76 ug/ml



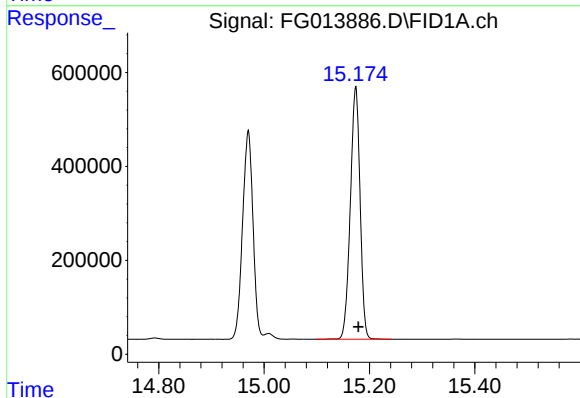
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.970 min
Delta R.T.: -0.005 min
Response: 6095700
Conc: 55.31 ug/ml

Instrument :
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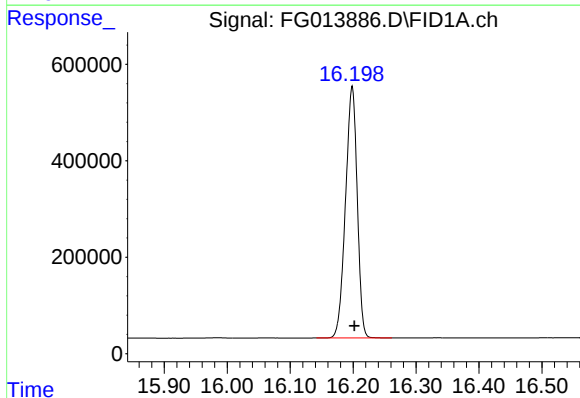
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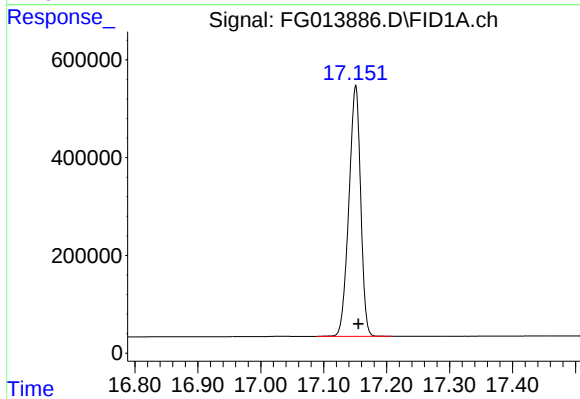
#10 N-TETRACOSANE

R.T.: 15.174 min
Delta R.T.: -0.005 min
Response: 6890644
Conc: 55.87 ug/ml



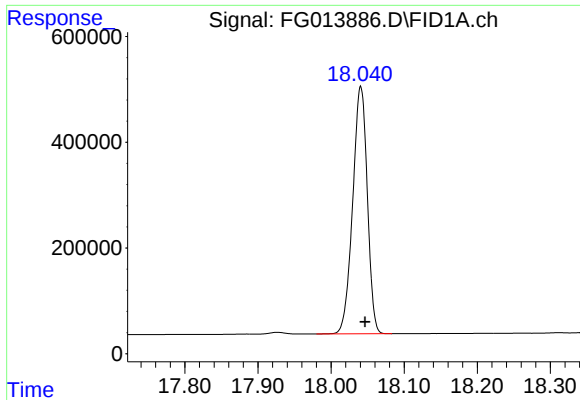
#11 N-HEXACOSANE

R.T.: 16.199 min
Delta R.T.: -0.004 min
Response: 6744617
Conc: 55.53 ug/ml



#12 N-OCTACOSANE

R.T.: 17.151 min
Delta R.T.: -0.004 min
Response: 6647811
Conc: 56.10 ug/ml



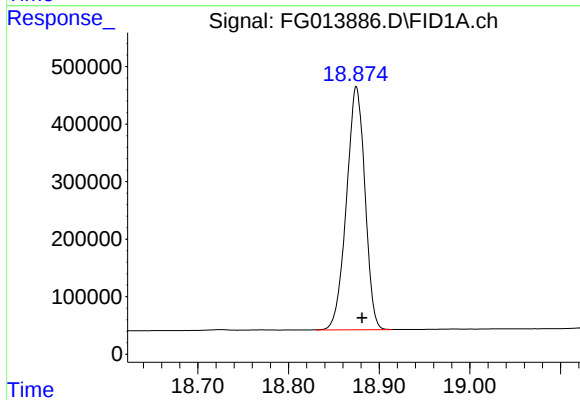
#13 N-TRIACONTANE

R.T.: 18.041 min
Delta R.T.: -0.006 min
Response: 6495427
Conc: 55.30 ug/ml

Instrument :
FID_G
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50 PPM TRPH STD

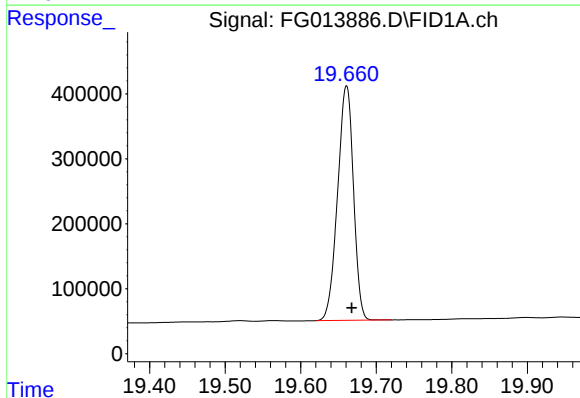
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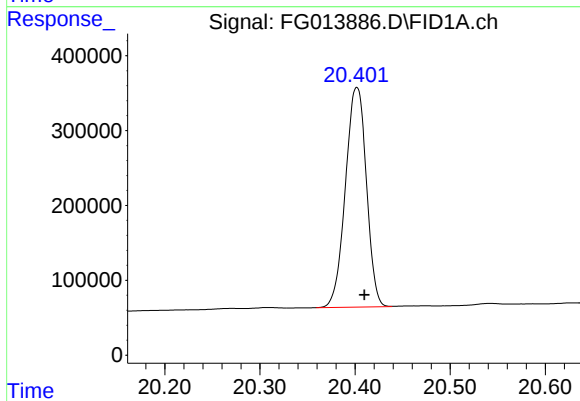
#14 N-DOTRIACONTANE

R.T.: 18.874 min
Delta R.T.: -0.007 min
Response: 5994301
Conc: 53.33 ug/ml m



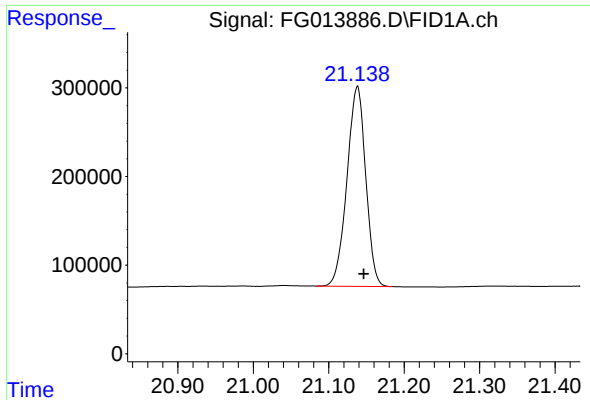
#15 N-TETRATRIACONTANE

R.T.: 19.661 min
Delta R.T.: -0.007 min
Response: 5270403
Conc: 51.25 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.401 min
Delta R.T.: -0.009 min
Response: 4496658
Conc: 50.52 ug/ml m



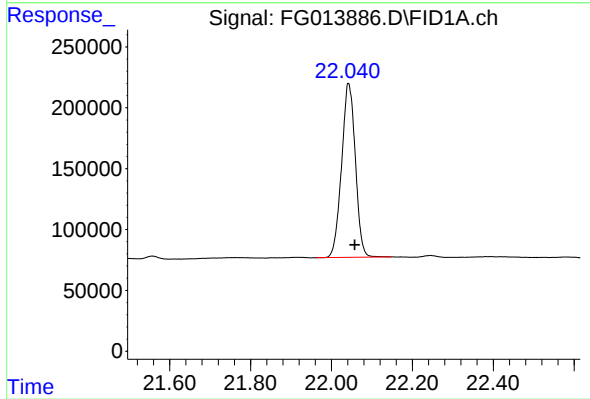
#17 N-OCTATRIACONTANE

R.T.: 21.138 min
Delta R.T.: -0.008 min
Response: 3900546
Conc: 49.55 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.042 min
Delta R.T.: -0.016 min
Response: 3374957
Conc: 51.68 ug/ml