

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG050824\
 Data File : FG013736.D
 Signal(s) : FID1A.ch
 Acq On : 08 May 2024 13:02
 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 05/09/2024
 Supervised By :Ankita Jodhani 05/09/2024

Integration File: autoint1.e
 Quant Time: May 09 03:13:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG041124.M
 Quant Title :
 QLast Update : Thu Apr 11 13:37:53 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...	15.077	5849631	50.300 ug/mlm
Target Compounds			
1) N-OCTANE	2.058	6500024	53.078 ug/ml
2) N-DECANE	4.584	6721266	53.656 ug/ml
3) N-DODECANE	6.757	6786552	53.417 ug/ml
4) N-TETRADECANE	8.591	6797292	52.929 ug/ml
5) N-HEXADECANE	10.206	6800655	52.538 ug/ml
6) N-OCTADECANE	11.654	6879052	51.927 ug/ml
7) N-EICOSANE	12.970	6907007	51.266 ug/ml
8) N-DOCOSANE	14.174	6645093	50.692 ug/ml
10) N-TETRACOSANE	15.282	6559866	49.971 ug/ml
11) N-HEXACOSANE	16.305	6440165	49.286 ug/ml
12) N-OCTACOSANE	17.259	6289942	48.794 ug/ml
13) N-TRIACONTANE	18.150	6284370	48.426 ug/ml
14) N-DOTRIACONTANE	18.986	6087243	47.512 ug/ml
15) N-TETRATRIACONTANE	19.771	5759141	48.109 ug/ml
16) N-HEXATRIACONTANE	20.513	5296811	48.302 ug/ml
17) N-OCTATRIACONTANE	21.270	4930469	48.726 ug/ml
18) N-TETRACONTANE	22.221	4710996	48.829 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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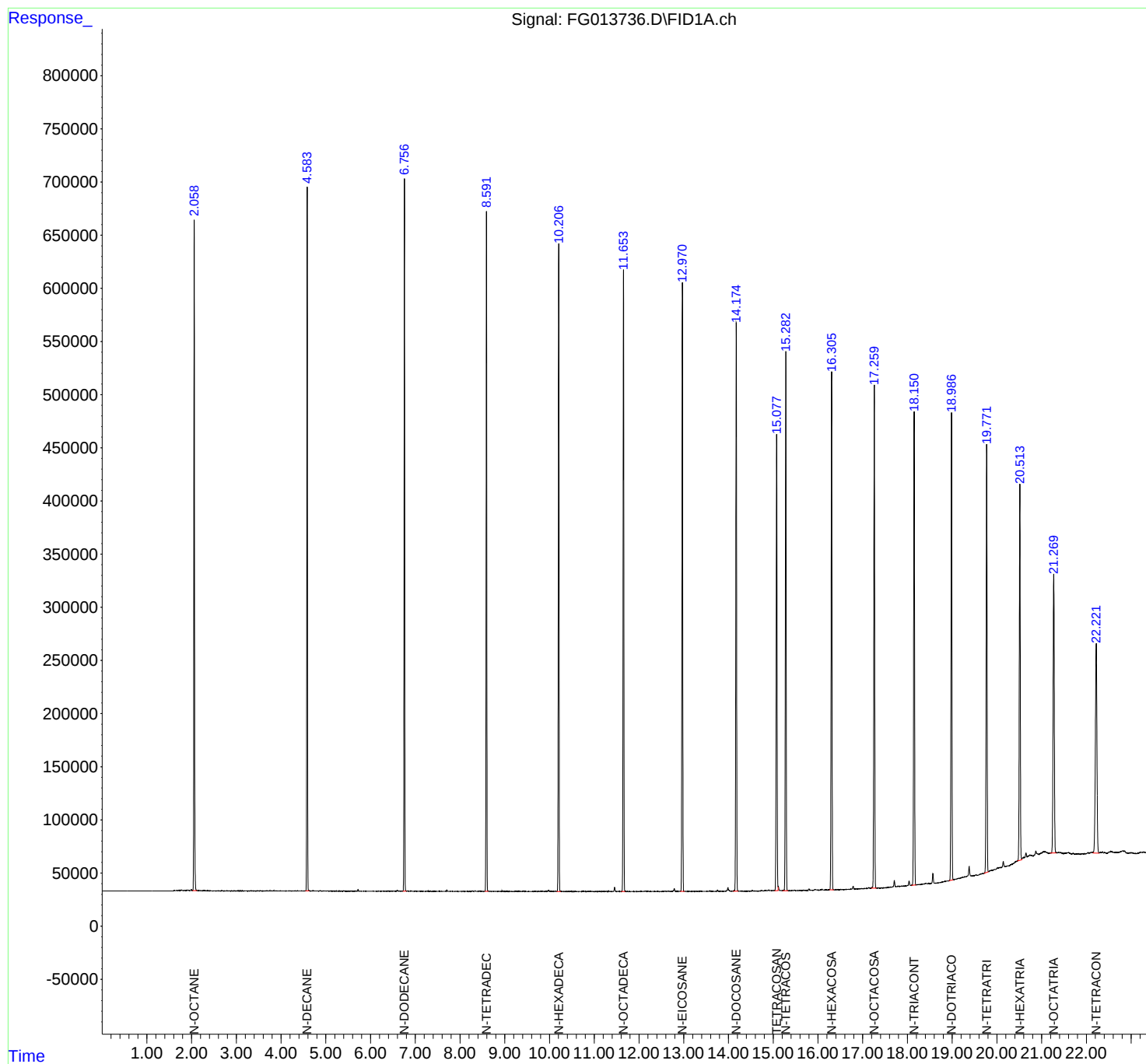
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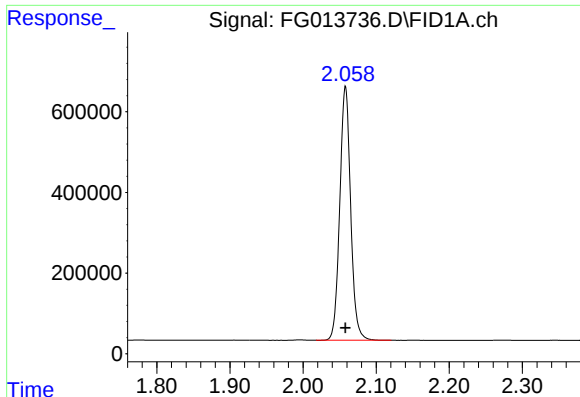
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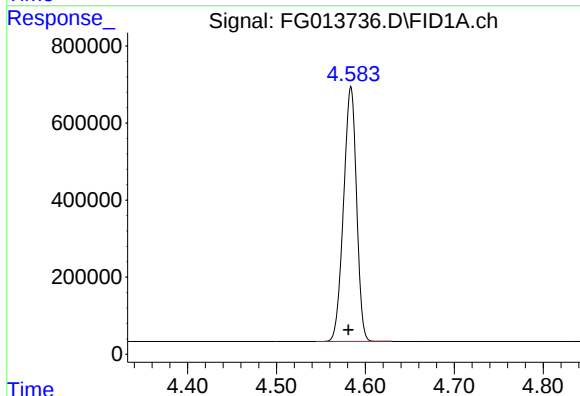
#1 N-OCTANE

R.T.: 2.058 min
Delta R.T.: 0.000 min
Response: 6500024
Conc: 53.08 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

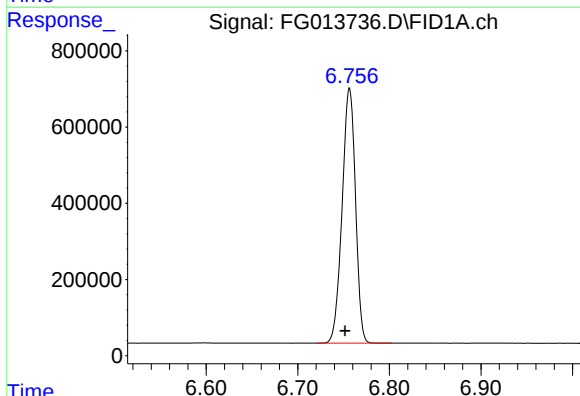
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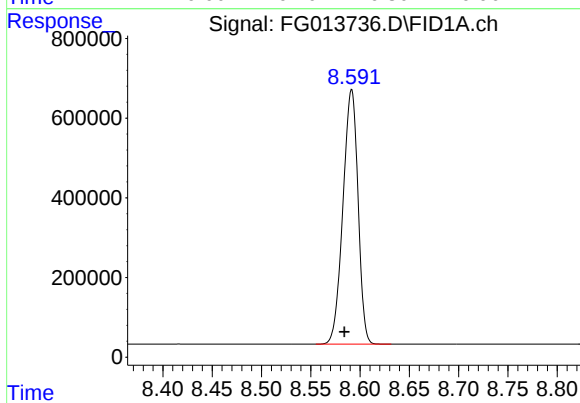
#2 N-DECANE

R.T.: 4.584 min
Delta R.T.: 0.003 min
Response: 6721266
Conc: 53.66 ug/ml



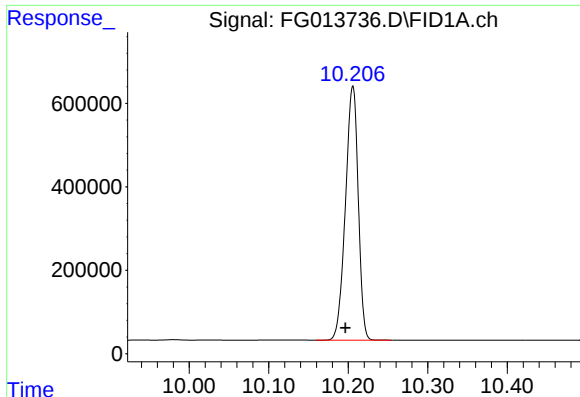
#3 N-DODECANE

R.T.: 6.757 min
Delta R.T.: 0.005 min
Response: 6786552
Conc: 53.42 ug/ml



#4 N-TETRADECANE

R.T.: 8.591 min
Delta R.T.: 0.007 min
Response: 6797292
Conc: 52.93 ug/ml



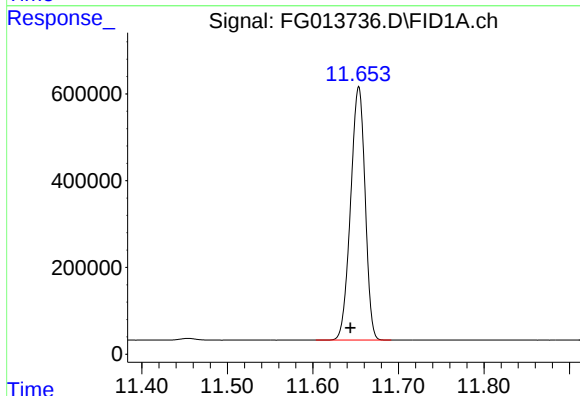
#5 N-HEXADECANE

R.T.: 10.206 min
Delta R.T.: 0.009 min
Response: 6800655
Conc: 52.54 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

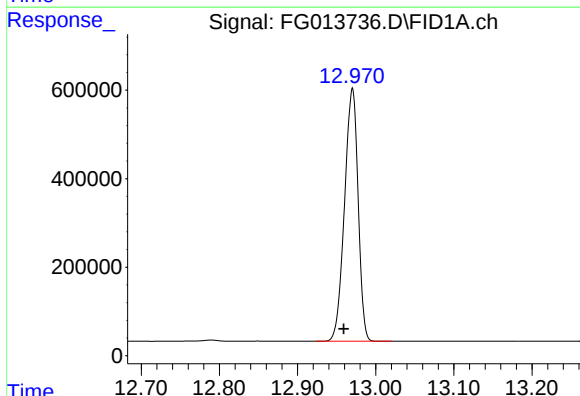
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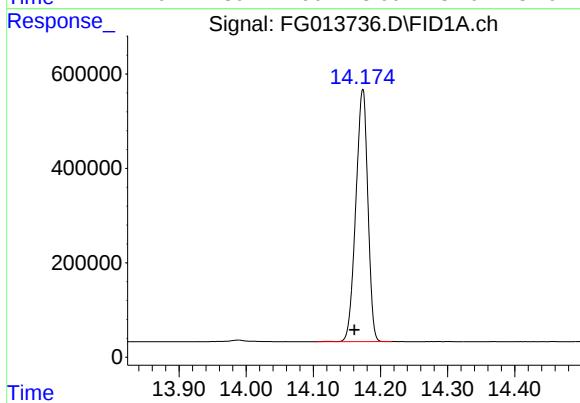
#6 N-OCTADECANE

R.T.: 11.654 min
Delta R.T.: 0.010 min
Response: 6879052
Conc: 51.93 ug/ml



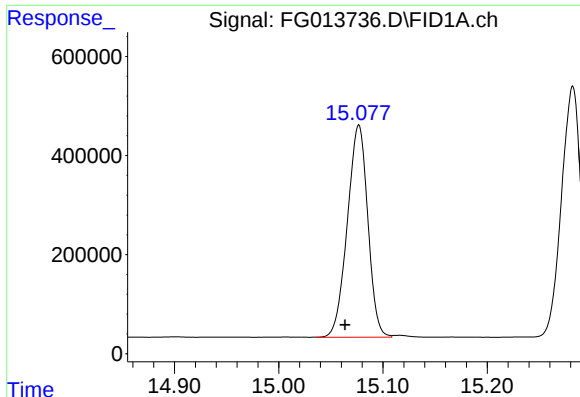
#7 N-EICOSANE

R.T.: 12.970 min
Delta R.T.: 0.011 min
Response: 6907007
Conc: 51.27 ug/ml



#8 N-DOCOSANE

R.T.: 14.174 min
Delta R.T.: 0.012 min
Response: 6645093
Conc: 50.69 ug/ml



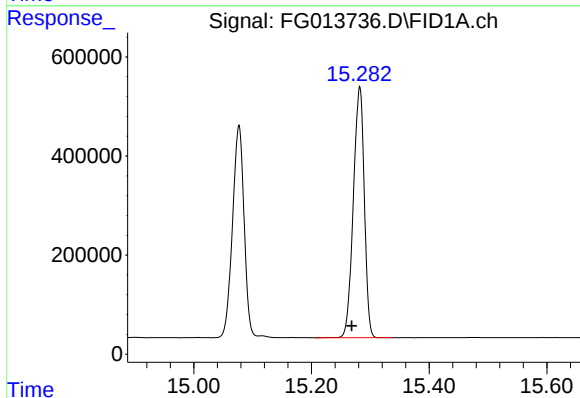
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.077 min
Delta R.T.: 0.013 min
Response: 5849631
Conc: 50.30 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

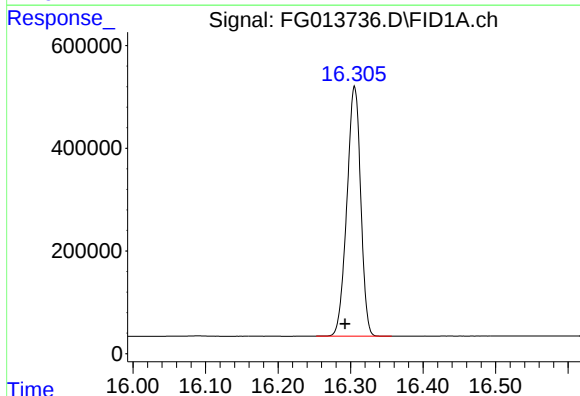
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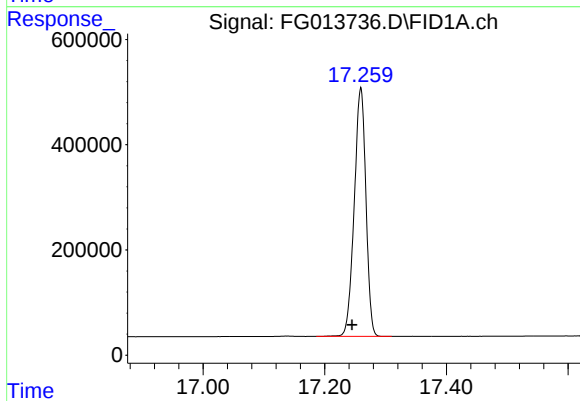
#10 N-TETRACOSANE

R.T.: 15.282 min
Delta R.T.: 0.014 min
Response: 6559866
Conc: 49.97 ug/ml



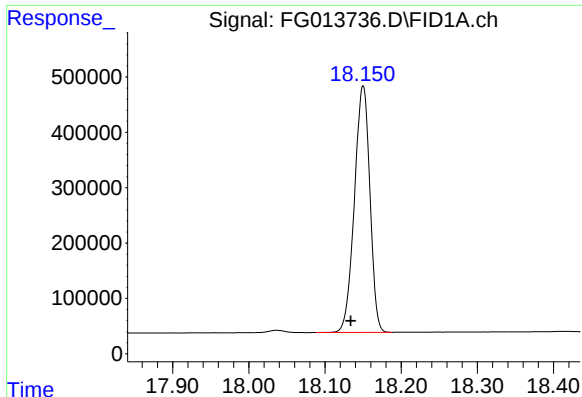
#11 N-HEXACOSANE

R.T.: 16.305 min
Delta R.T.: 0.013 min
Response: 6440165
Conc: 49.29 ug/ml



#12 N-OCTACOSANE

R.T.: 17.259 min
Delta R.T.: 0.015 min
Response: 6289942
Conc: 48.79 ug/ml



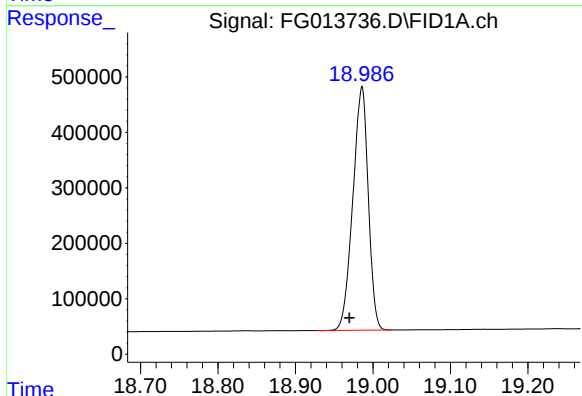
#13 N-TRIACONTANE

R.T.: 18.150 min
Delta R.T.: 0.016 min
Response: 6284370
Conc: 48.43 ug/ml

Instrument :
FID_G
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50 PPM TRPH STD

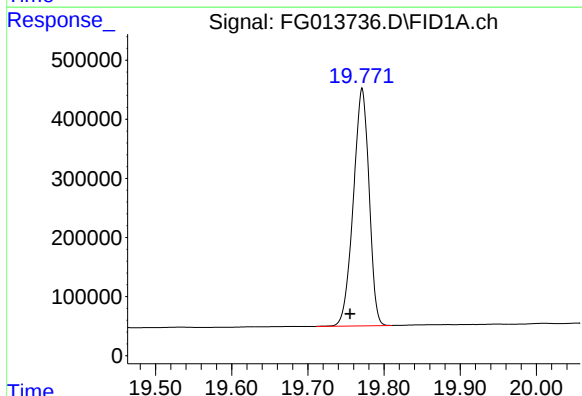
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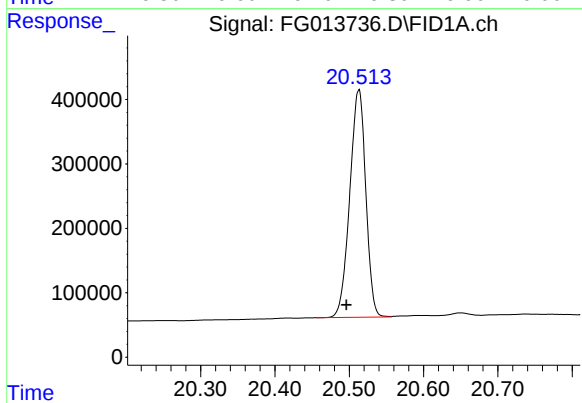
#14 N-DOTRIACONTANE

R.T.: 18.986 min
Delta R.T.: 0.016 min
Response: 6087243
Conc: 47.51 ug/ml



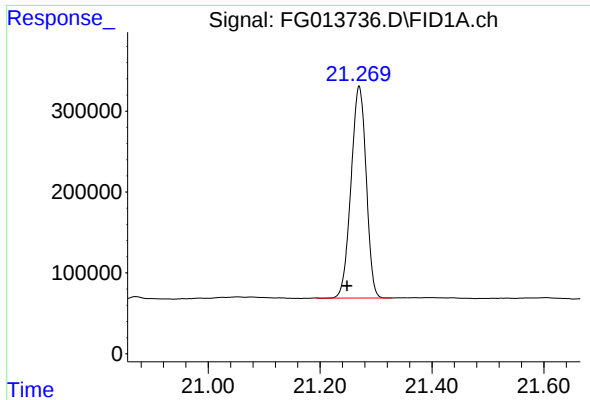
#15 N-TETRATRIACONTANE

R.T.: 19.771 min
Delta R.T.: 0.016 min
Response: 5759141
Conc: 48.11 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.513 min
Delta R.T.: 0.017 min
Response: 5296811
Conc: 48.30 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.270 min
Delta R.T.: 0.022 min
Response: 4930469
Conc: 48.73 ug/ml

Instrument :

FID_G

ClientSampleId :

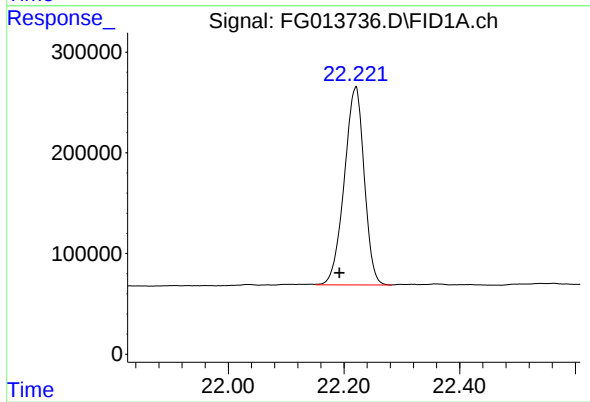
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#18 N-TETRACONTANE

R.T.: 22.221 min
Delta R.T.: 0.029 min
Response: 4710996
Conc: 48.83 ug/ml m