

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG012924\
 Data File : FG013390.D
 Signal(s) : FID1A.ch
 Acq On : 29 Jan 2024 19:15
 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 :Ankita Jodhani 01/30/2024
 Supervised By :Sohil Jodhani 01/30/2024

Integration File: autoint1.e
 Quant Time: Jan 30 00:54:43 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG010824.M
 Quant Title :
 QLast Update : Mon Jan 08 14:52:14 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...	15.075	5563223	45.499 ug/ml
Target Compounds			
1) N-OCTANE	2.059	5850921	46.247 ug/ml
2) N-DECANE	4.586	5911920	45.206 ug/ml
3) N-DODECANE	6.758	6152113	45.238 ug/ml
4) N-TETRADECANE	8.591	6040219	45.313 ug/ml
5) N-HEXADECANE	10.204	6191810	45.435 ug/ml
6) N-OCTADECANE	11.653	6414989	45.527 ug/ml
7) N-EICOSANE	12.968	6275283	45.539 ug/ml
8) N-DOCOSANE	14.172	6162538	45.453 ug/ml
10) N-TETRACOSANE	15.279	6075009	45.150 ug/ml
11) N-HEXACOSANE	16.304	5889489	44.709 ug/ml
12) N-OCTACOSANE	17.259	5709249	44.325 ug/ml
13) N-TRIACONTANE	18.150	5523164	43.722 ug/ml
14) N-DOTRIACONTANE	18.985	5148236	42.895 ug/ml
15) N-TETRATRIACONTANE	19.772	4079158	43.169 ug/ml
16) N-HEXATRIACONTANE	20.514	3056074	43.624 ug/ml
17) N-OCTATRIACONTANE	21.270	2657400	43.995 ug/mlm
18) N-TETRACONTANE	22.213	2606754	47.910 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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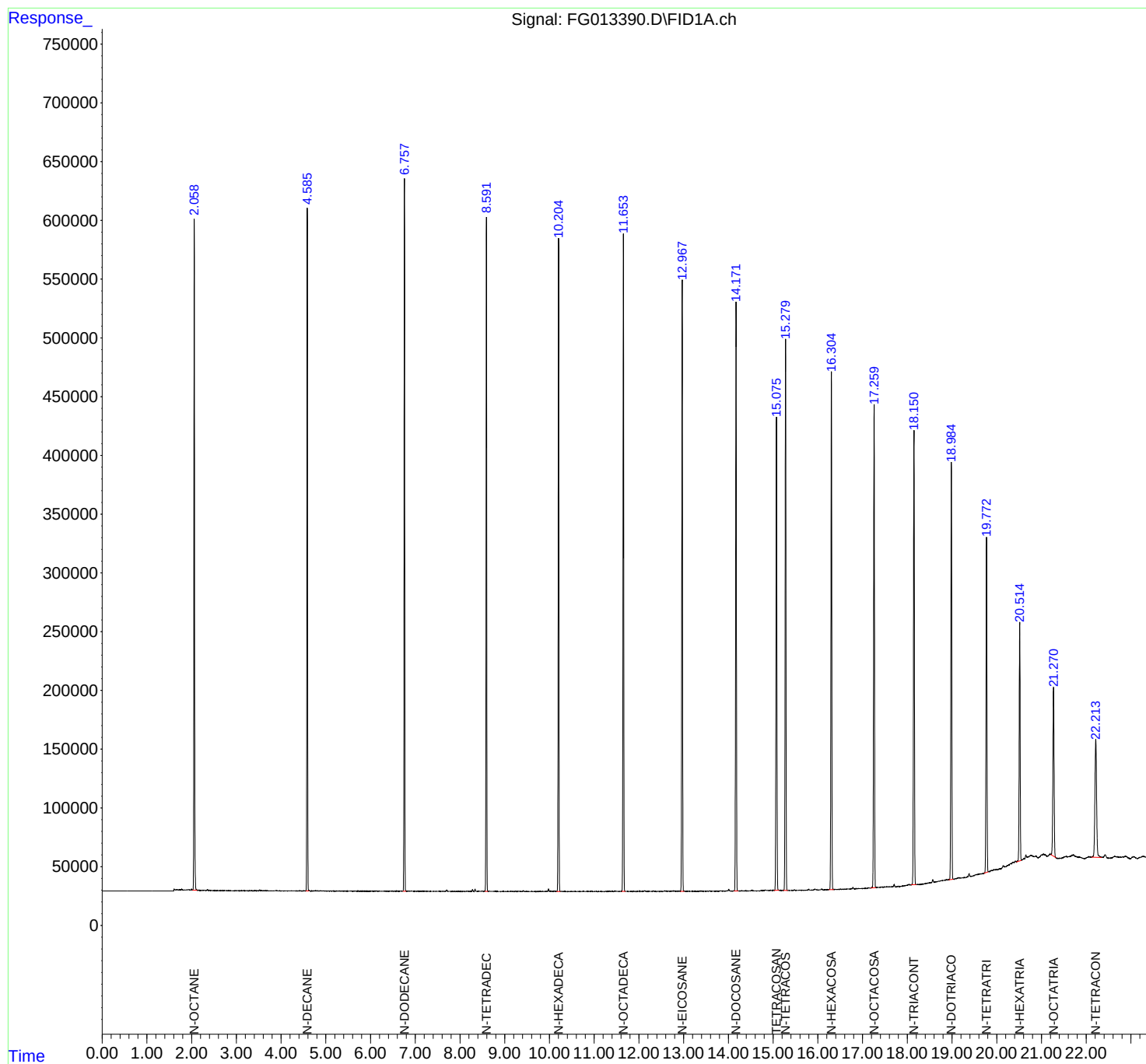
Instrument :
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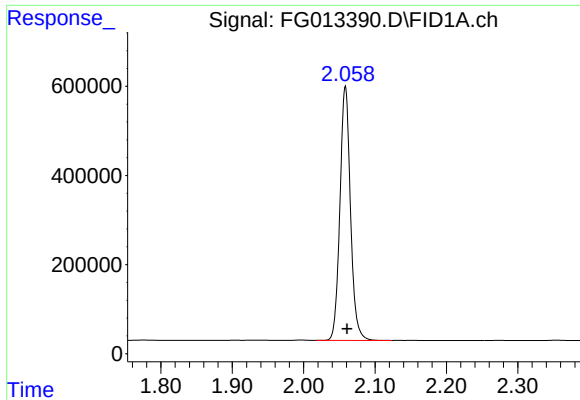
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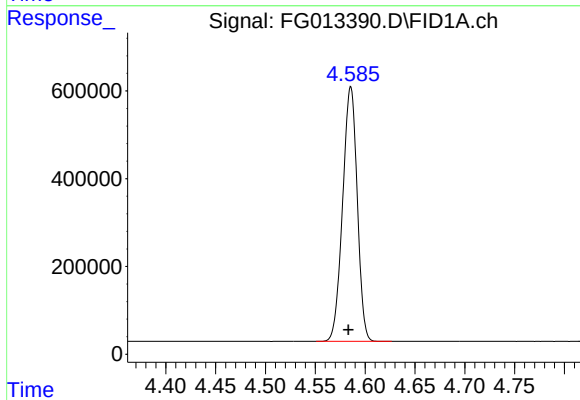
#1 N-OCTANE

R.T.: 2.059 min
Delta R.T.: -0.002 min
Response: 5850921
Conc: 46.25 ug/ml

Instrument :
FID_G
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50 PPM TRPH STD

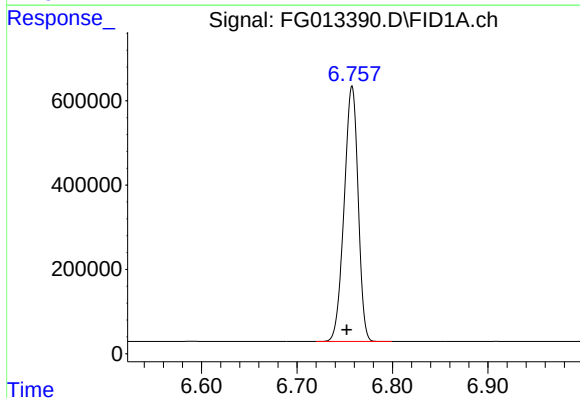
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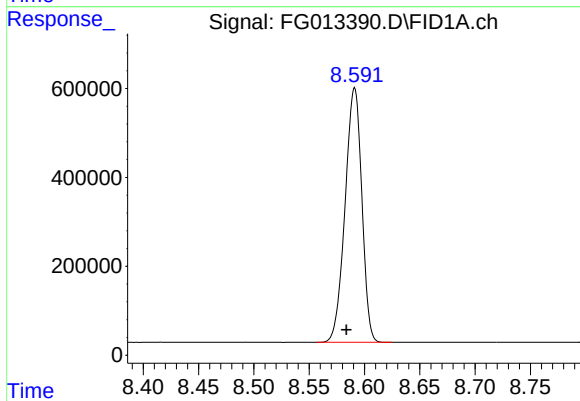
#2 N-DECANE

R.T.: 4.586 min
Delta R.T.: 0.002 min
Response: 5911920
Conc: 45.21 ug/ml



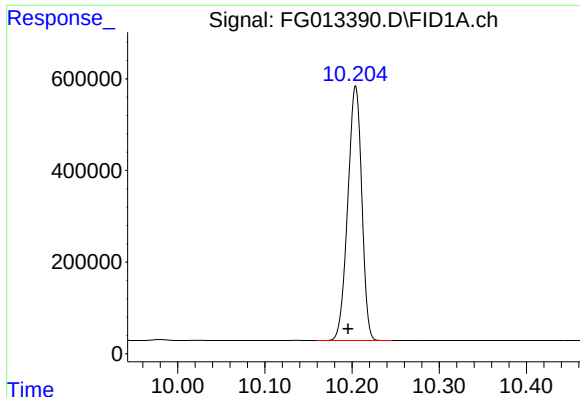
#3 N-DODECANE

R.T.: 6.758 min
Delta R.T.: 0.006 min
Response: 6152113
Conc: 45.24 ug/ml



#4 N-TETRADECANE

R.T.: 8.591 min
Delta R.T.: 0.007 min
Response: 6040219
Conc: 45.31 ug/ml



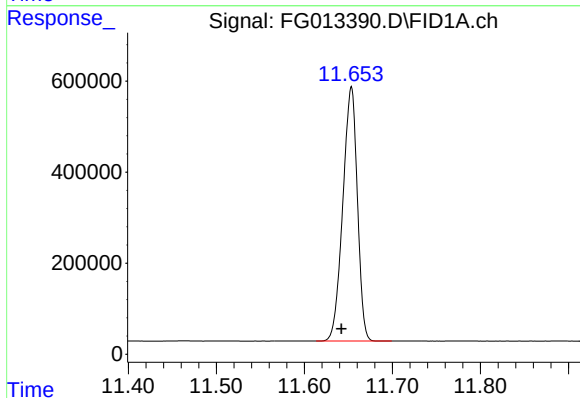
#5 N-HEXADECANE

R.T.: 10.204 min
Delta R.T.: 0.009 min
Response: 6191810
Conc: 45.44 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

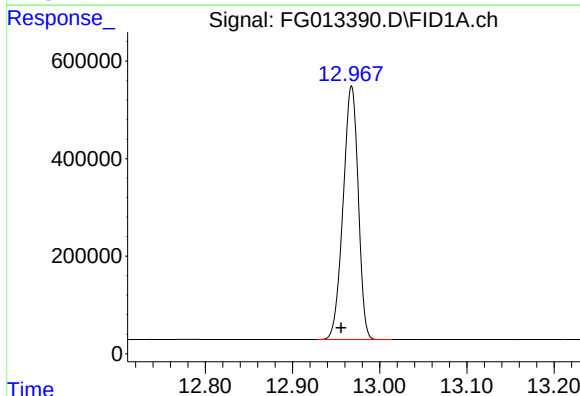
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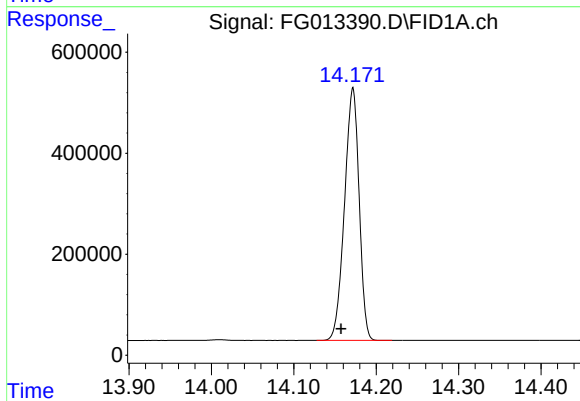
#6 N-OCTADECANE

R.T.: 11.653 min
Delta R.T.: 0.011 min
Response: 6414989
Conc: 45.53 ug/ml



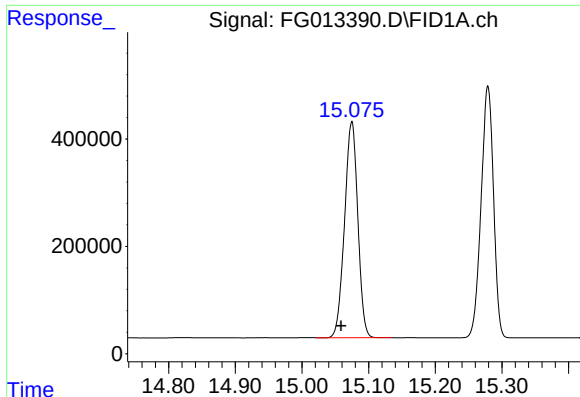
#7 N-EICOSANE

R.T.: 12.968 min
Delta R.T.: 0.012 min
Response: 6275283
Conc: 45.54 ug/ml



#8 N-DOCOSANE

R.T.: 14.172 min
Delta R.T.: 0.014 min
Response: 6162538
Conc: 45.45 ug/ml



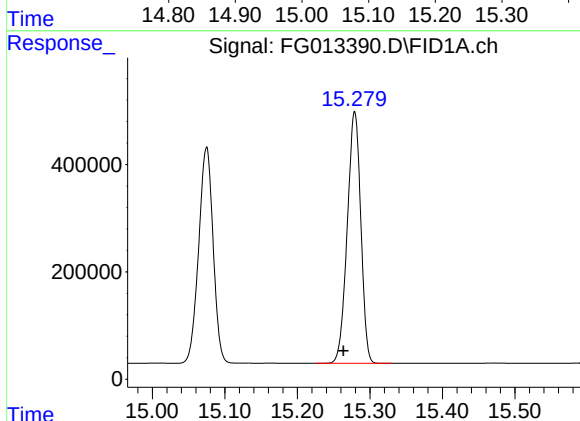
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.075 min
Delta R.T.: 0.016 min
Response: 5563223
Conc: 45.50 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

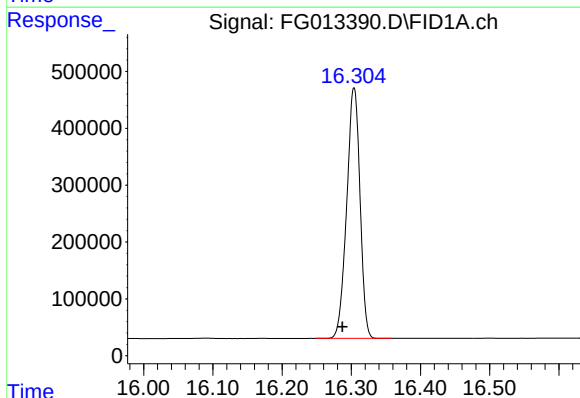
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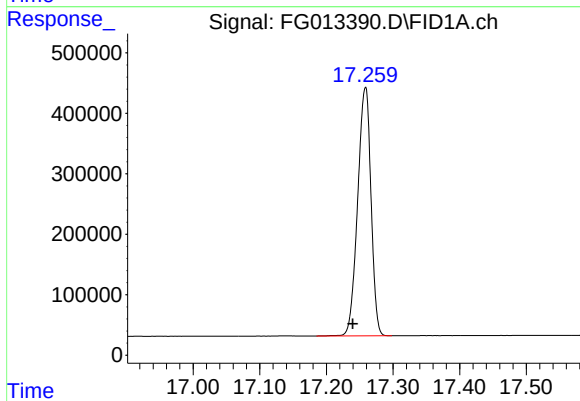
#10 N-TETRACOSANE

R.T.: 15.279 min
Delta R.T.: 0.016 min
Response: 6075009
Conc: 45.15 ug/ml



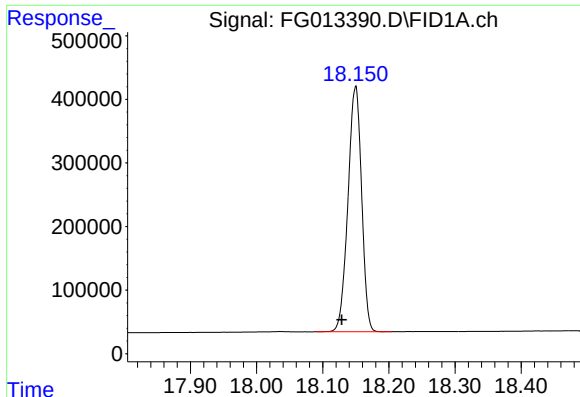
#11 N-HEXACOSANE

R.T.: 16.304 min
Delta R.T.: 0.017 min
Response: 5889489
Conc: 44.71 ug/ml



#12 N-OCTACOSANE

R.T.: 17.259 min
Delta R.T.: 0.019 min
Response: 5709249
Conc: 44.33 ug/ml



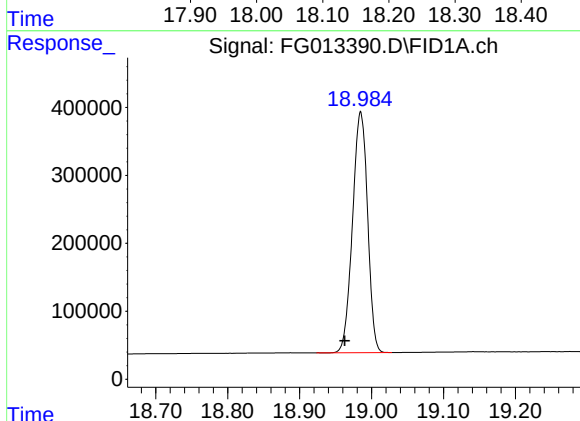
#13 N-TRIACONTANE

R.T.: 18.150 min
Delta R.T.: 0.021 min
Response: 5523164
Conc: 43.72 ug/ml

Instrument :
FID_G
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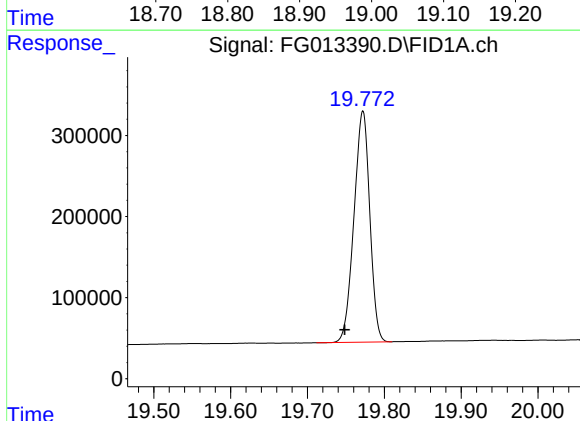
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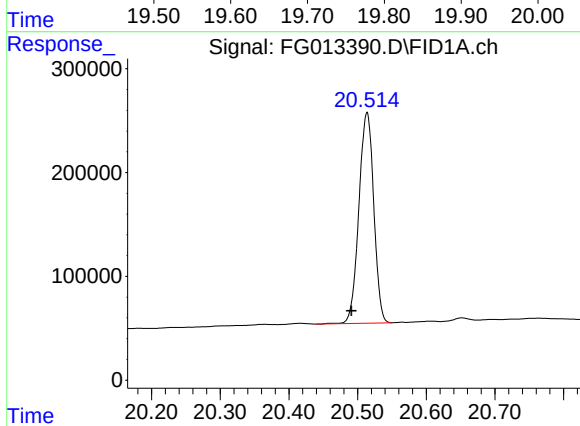
#14 N-DOTRIACONTANE

R.T.: 18.985 min
Delta R.T.: 0.022 min
Response: 5148236
Conc: 42.90 ug/ml



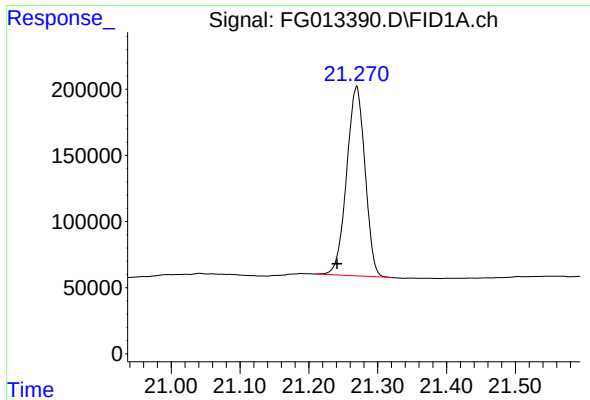
#15 N-TETRATRIACONTANE

R.T.: 19.772 min
Delta R.T.: 0.024 min
Response: 4079158
Conc: 43.17 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.514 min
Delta R.T.: 0.023 min
Response: 3056074
Conc: 43.62 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.270 min
Delta R.T.: 0.029 min
Response: 2657400
Conc: 44.00 ug/ml

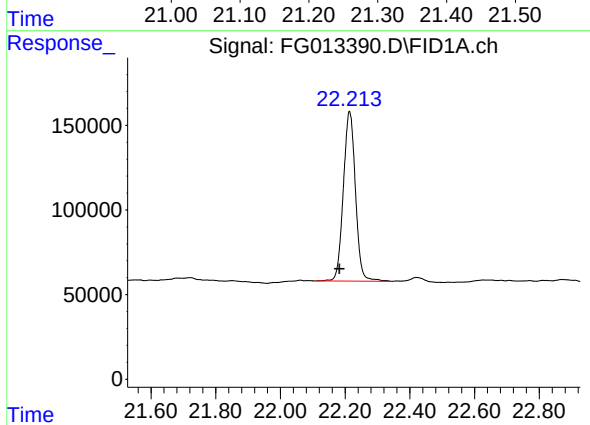
Instrument :

FID_G

ClientSampleId :
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#18 N-TETRACONTANE

R.T.: 22.213 min
Delta R.T.: 0.031 min
Response: 2606754
Conc: 47.91 ug/ml