

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082523\
 Data File : FG012778.D
 Signal(s) : FID1A.ch
 Acq On : 25 Aug 2023 16:22
 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 08/28/2023
 Supervised By :Ankita Jodhani 08/28/2023

Integration File: autoint1.e
 Quant Time: Aug 25 21:35:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080223.M
 Quant Title :
 QLast Update : Wed Aug 02 18:57:31 2023
 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...	15.085	4935260	44.118 ug/ml
Target Compounds			
1) N-OCTANE	2.076	5913589	48.031 ug/ml
2) N-DECANE	4.600	6072228	47.799 ug/ml
3) N-DODECANE	6.774	6110294	47.571 ug/ml
4) N-TETRADECANE	8.606	6060066	47.043 ug/ml
5) N-HEXADECANE	10.220	6063354	46.738 ug/ml
6) N-OCTADECANE	11.668	6046168	46.098 ug/ml
7) N-EICOSANE	12.982	5866514	45.612 ug/ml
8) N-DOCOSANE	14.183	5661556	44.765 ug/ml
10) N-TETRACOSANE	15.290	5556483	43.936 ug/ml
11) N-HEXACOSANE	16.312	5405904	43.186 ug/ml
12) N-OCTACOSANE	17.263	5236377	42.606 ug/mlm
13) N-TRIACONTANE	18.153	5279943	44.582 ug/ml
14) N-DOTRIACONTANE	18.986	4560742	40.611 ug/ml
15) N-TETRATRIACONTANE	19.769	3979489	42.012 ug/ml
16) N-HEXATRIACONTANE	20.510	3141069	38.707 ug/mlm
17) N-OCTATRIACONTANE	21.267	3027091	41.918 ug/mlm
18) N-TETRACONTANE	22.216	3950367	56.695 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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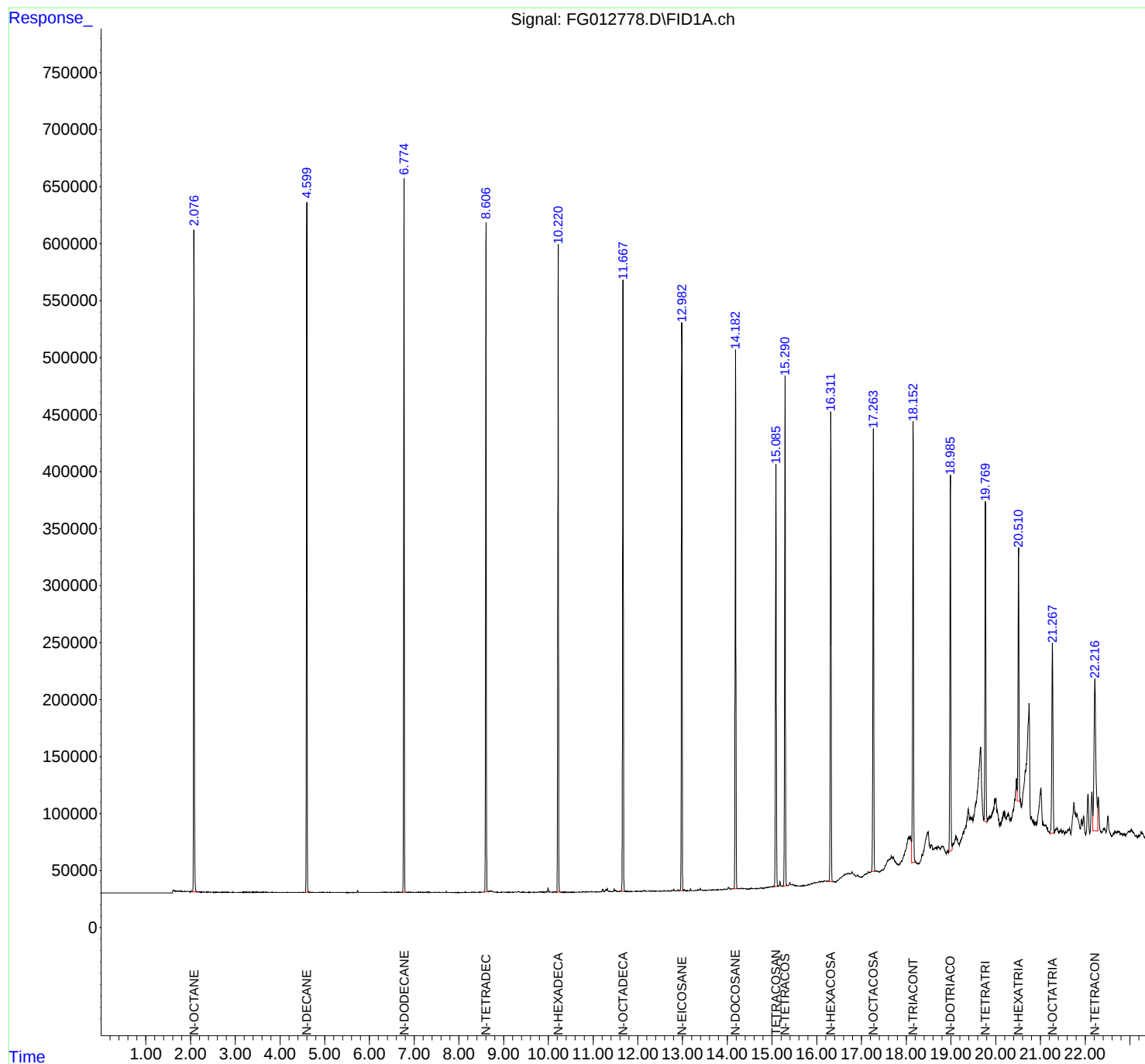
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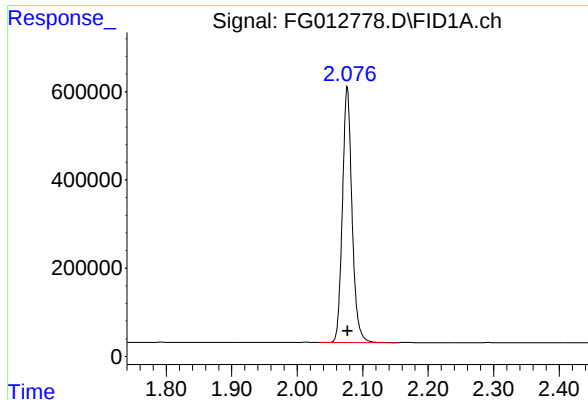
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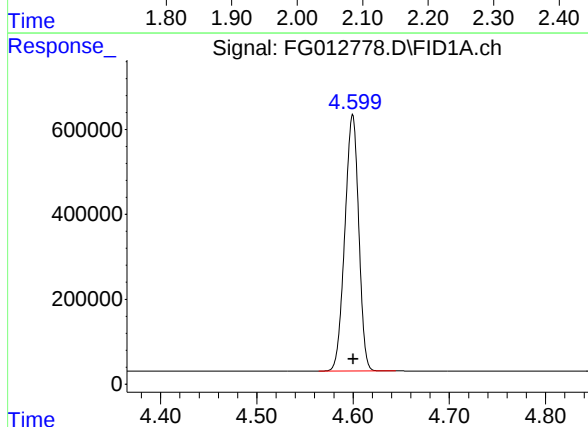
#1 N-OCTANE

R.T.: 2.076 min
Delta R.T.: 0.000 min
Response: 5913589
Conc: 48.03 ug/ml

Instrument :
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50 PPM TRPH STD

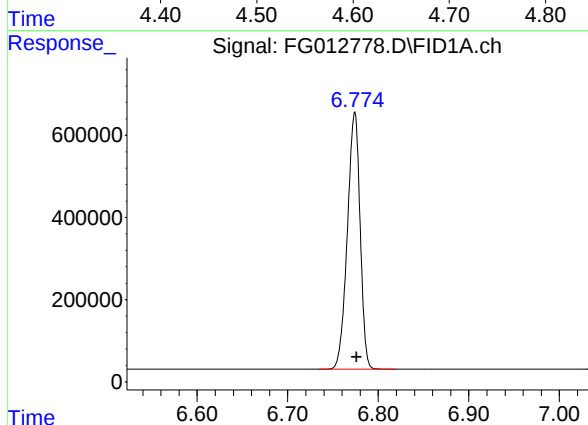
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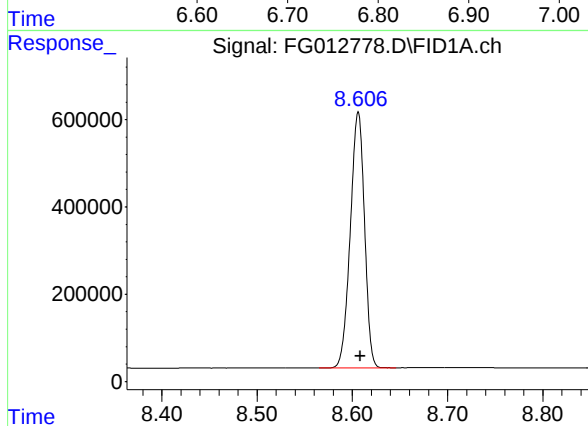
#2 N-DECANE

R.T.: 4.600 min
Delta R.T.: 0.000 min
Response: 6072228
Conc: 47.80 ug/ml



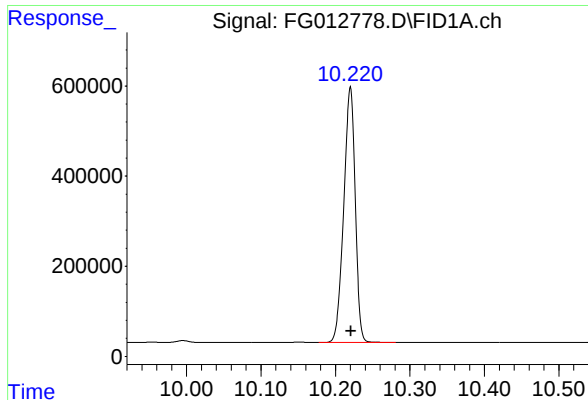
#3 N-DODECANE

R.T.: 6.774 min
Delta R.T.: -0.002 min
Response: 6110294
Conc: 47.57 ug/ml



#4 N-TETRADECANE

R.T.: 8.606 min
Delta R.T.: -0.002 min
Response: 6060066
Conc: 47.04 ug/ml



#5 N-HEXADECANE

R.T.: 10.220 min
Delta R.T.: 0.000 min
Response: 6063354
Conc: 46.74 ug/ml

Instrument :

FID_G

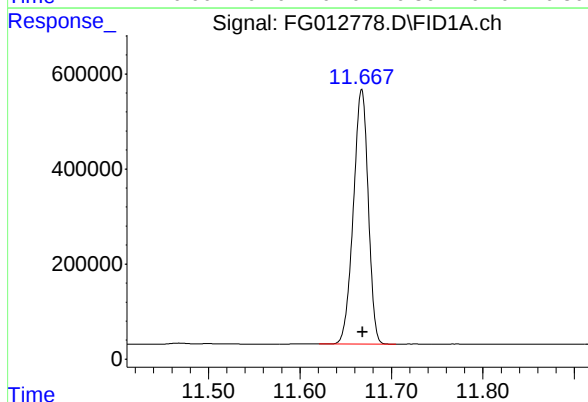
ClientSampleId :

50 PPM TRPH STD

Manual Integrations

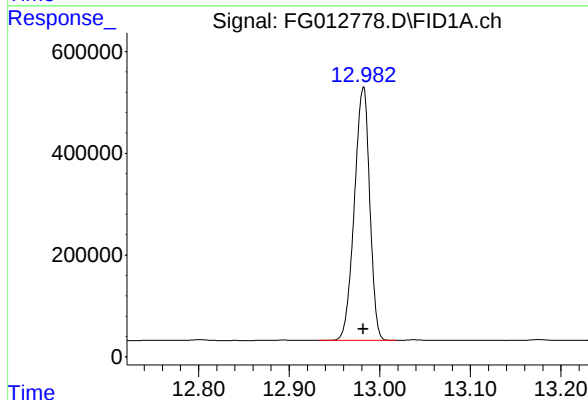
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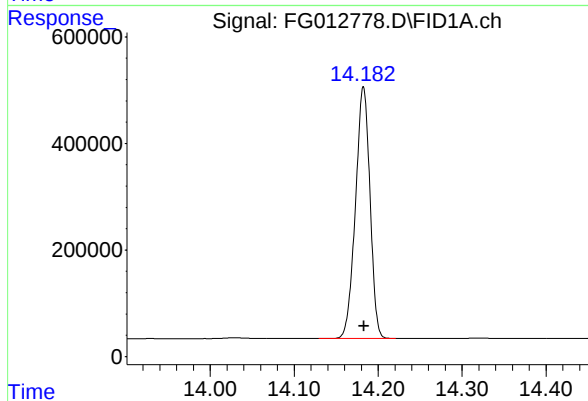
#6 N-OCTADECANE

R.T.: 11.668 min
Delta R.T.: 0.000 min
Response: 6046168
Conc: 46.10 ug/ml



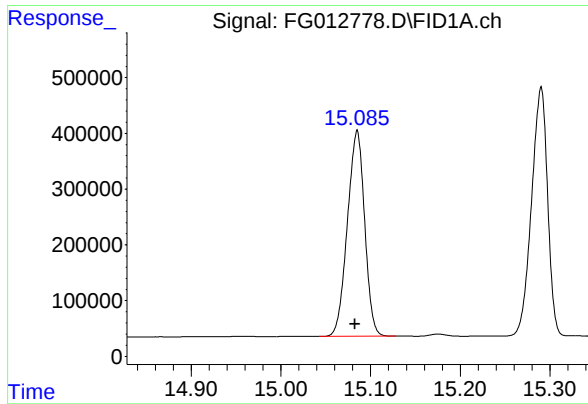
#7 N-EICOSANE

R.T.: 12.982 min
Delta R.T.: 0.000 min
Response: 5866514
Conc: 45.61 ug/ml



#8 N-DOCOSANE

R.T.: 14.183 min
Delta R.T.: 0.000 min
Response: 5661556
Conc: 44.76 ug/ml



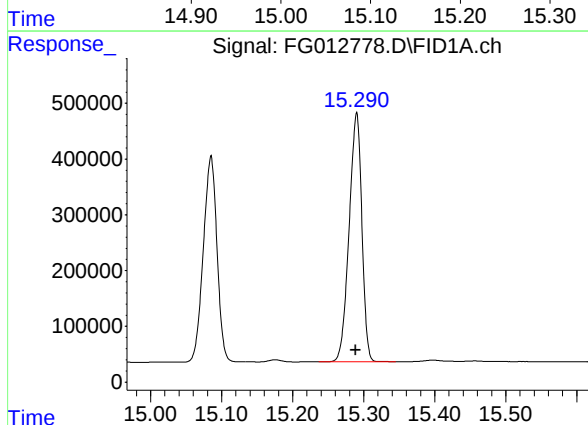
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.085 min
Delta R.T.: 0.002 min
Response: 4935260
Conc: 44.12 ug/ml

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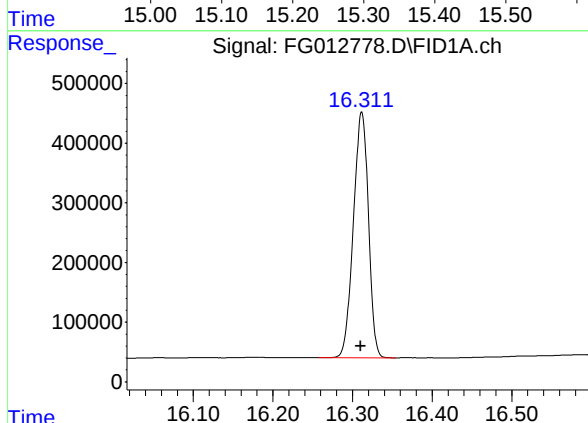
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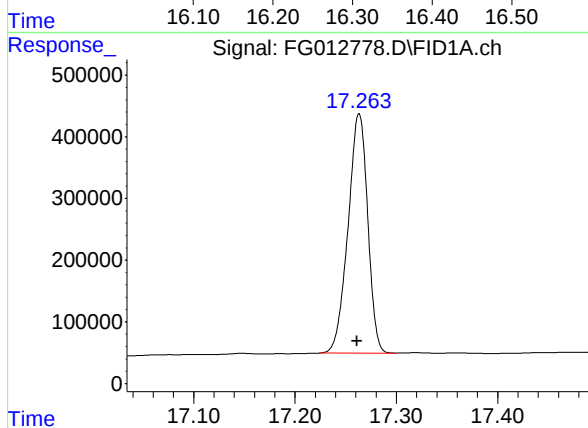
#10 N-TETRACOSANE

R.T.: 15.290 min
Delta R.T.: 0.002 min
Response: 5556483
Conc: 43.94 ug/ml



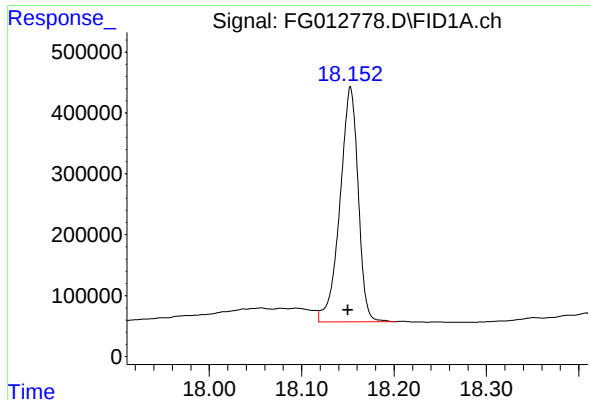
#11 N-HEXACOSANE

R.T.: 16.312 min
Delta R.T.: 0.001 min
Response: 5405904
Conc: 43.19 ug/ml



#12 N-OCTACOSANE

R.T.: 17.263 min
Delta R.T.: 0.002 min
Response: 5236377
Conc: 42.61 ug/ml m



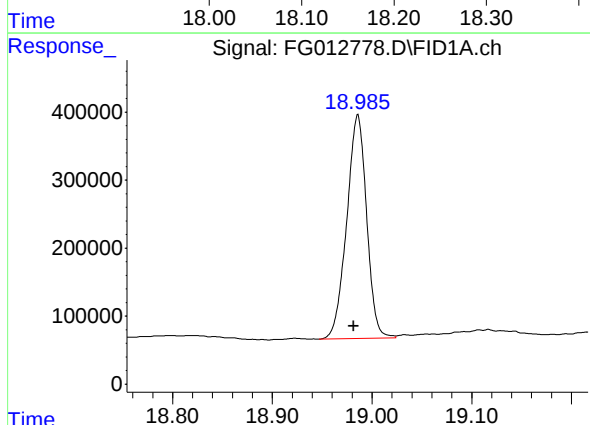
#13 N-TRIACONTANE

R.T.: 18.153 min
Delta R.T.: 0.003 min
Response: 5279943
Conc: 44.58 ug/ml

Instrument :
FID_G
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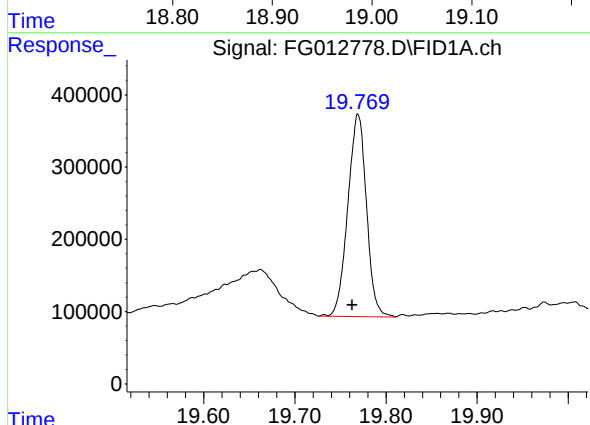
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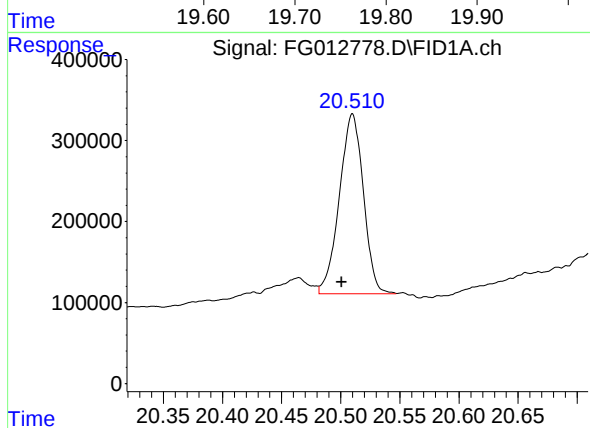
#14 N-DOTRIACONTANE

R.T.: 18.986 min
Delta R.T.: 0.004 min
Response: 4560742
Conc: 40.61 ug/ml



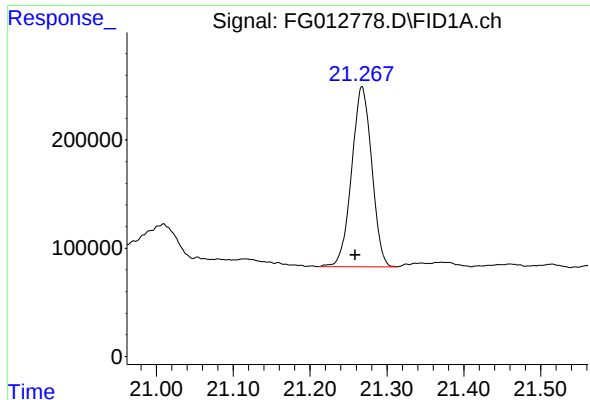
#15 N-TETRATRIACONTANE

R.T.: 19.769 min
Delta R.T.: 0.006 min
Response: 3979489
Conc: 42.01 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.510 min
Delta R.T.: 0.009 min
Response: 3141069
Conc: 38.71 ug/ml m



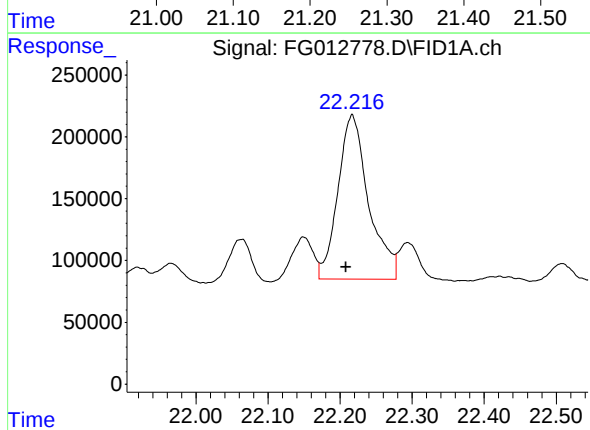
#17 N-OCTATRIACONTANE

R.T.: 21.267 min
Delta R.T.: 0.008 min
Response: 3027091
Conc: 41.92 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.216 min
Delta R.T.: 0.008 min
Response: 3950367
Conc: 56.69 ug/ml m