

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062223\
 Data File : FG012249.D
 Signal(s) : FID1A.ch
 Acq On : 22 Jun 2023 12:41
 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 06/23/2023
 Supervised By :Ankita Jodhani 06/23/2023

Integration File: autoint1.e
 Quant Time: Jun 23 01:11:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG060223.M
 Quant Title :
 QLast Update : Thu Jun 01 17:30:11 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...	15.000	5739018	43.043 ug/ml
Target Compounds			
1) N-OCTANE	2.023	6555666	47.138 ug/ml
2) N-DECANE	4.534	6858998	46.551 ug/ml
3) N-DODECANE	6.704	6980129	46.502 ug/ml
4) N-TETRADECANE	8.533	6939175	46.316 ug/ml
5) N-HEXADECANE	10.143	7076673	45.229 ug/ml
6) N-OCTADECANE	11.587	7052884	44.349 ug/ml
7) N-EICOSANE	12.899	6923697	43.631 ug/ml
8) N-DOCOSANE	14.099	6559035	42.928 ug/ml
10) N-TETRACOSANE	15.204	6484934	43.413 ug/ml
11) N-HEXACOSANE	16.226	6163551	43.523 ug/ml
12) N-OCTACOSANE	17.177	6039250	44.612 ug/ml
13) N-TRIACONTANE	18.065	6027871	45.494 ug/ml
14) N-DOTRIACONTANE	18.899	5934369	46.490 ug/ml
15) N-TETRATRIACONTANE	19.683	5924096	48.671 ug/ml
16) N-HEXATRIACONTANE	20.425	6045698	49.330 ug/mlm
17) N-OCTATRIACONTANE	21.163	6220616	48.756 ug/ml
18) N-TETRACONTANE	22.079	6333760	47.832 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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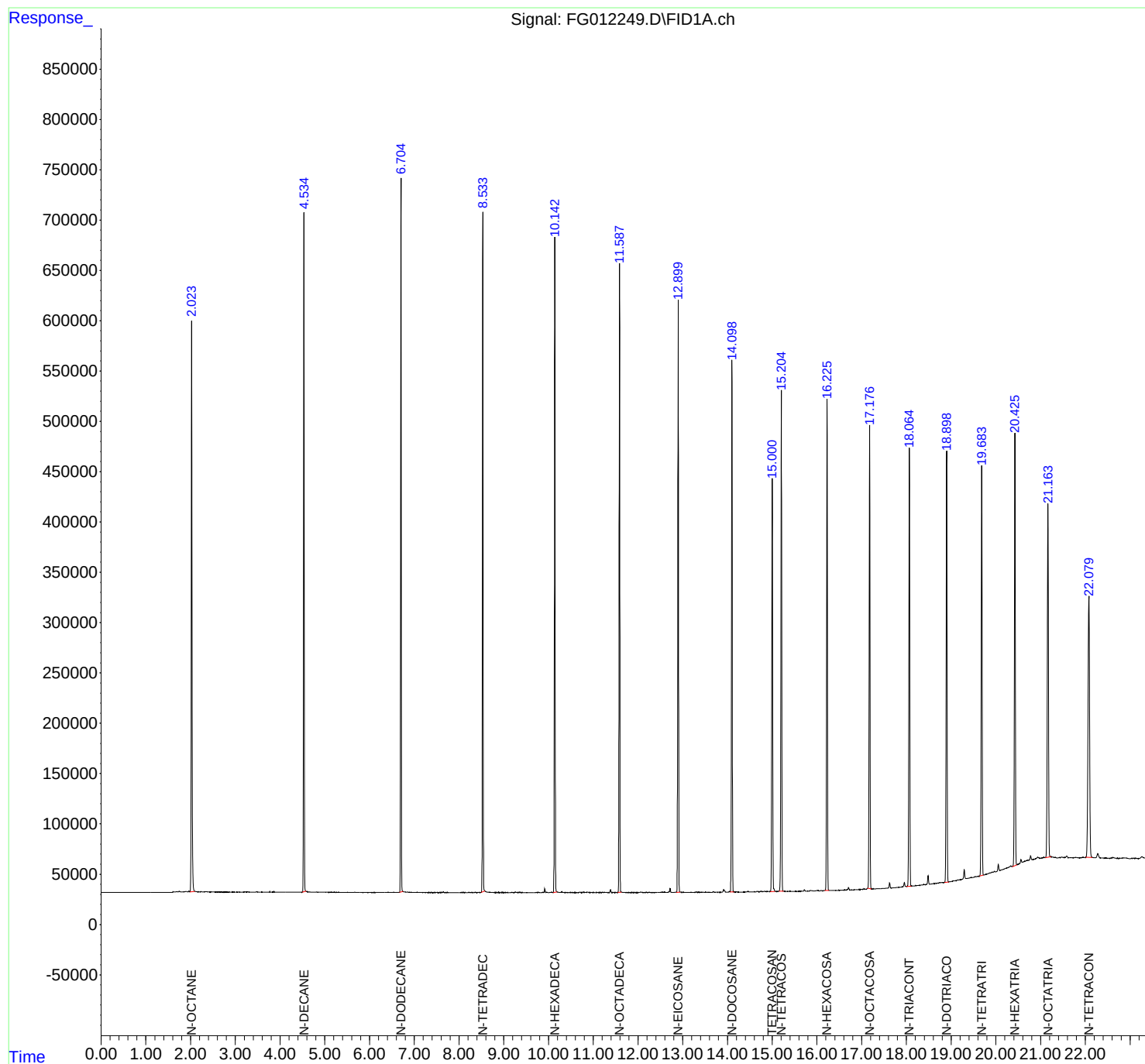
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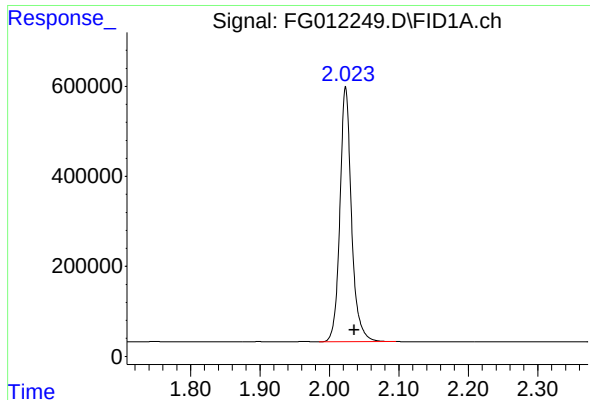
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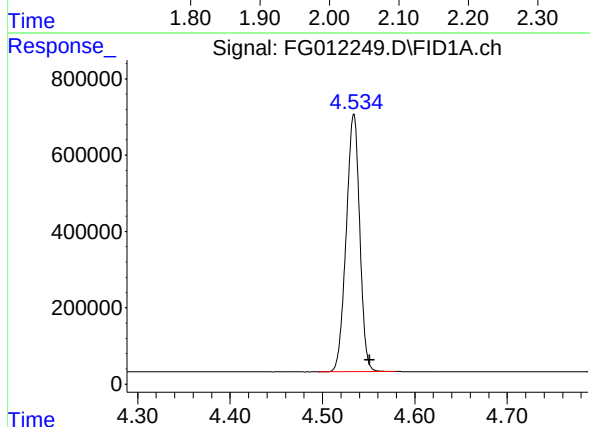
#1 N-OCTANE

R.T.: 2.023 min
Delta R.T.: -0.013 min
Response: 6555666
Conc: 47.14 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

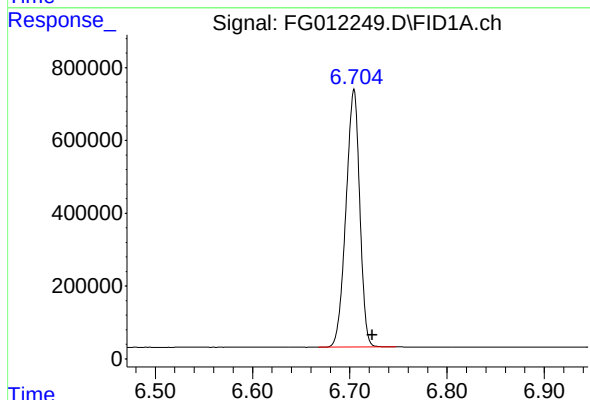
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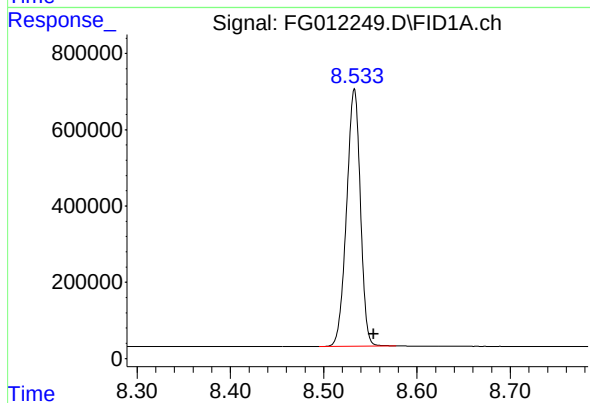
#2 N-DECANE

R.T.: 4.534 min
Delta R.T.: -0.017 min
Response: 6858998
Conc: 46.55 ug/ml



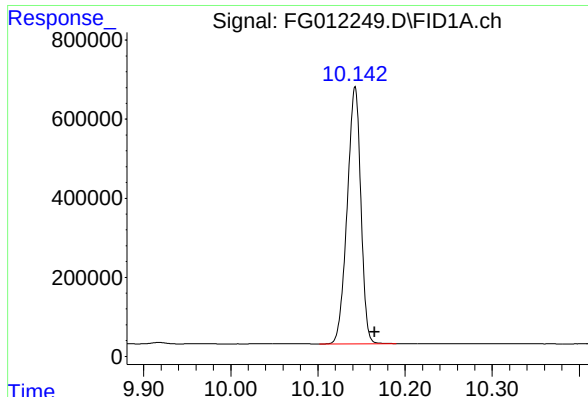
#3 N-DODECANE

R.T.: 6.704 min
Delta R.T.: -0.019 min
Response: 6980129
Conc: 46.50 ug/ml



#4 N-TETRADECANE

R.T.: 8.533 min
Delta R.T.: -0.020 min
Response: 6939175
Conc: 46.32 ug/ml



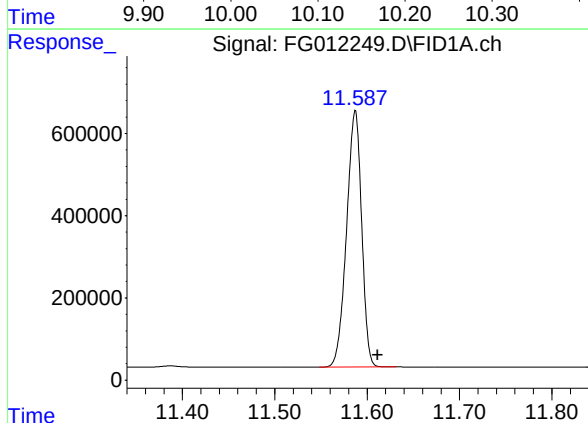
#5 N-HEXADECANE

R.T.: 10.143 min
Delta R.T.: -0.023 min
Response: 7076673
Conc: 45.23 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

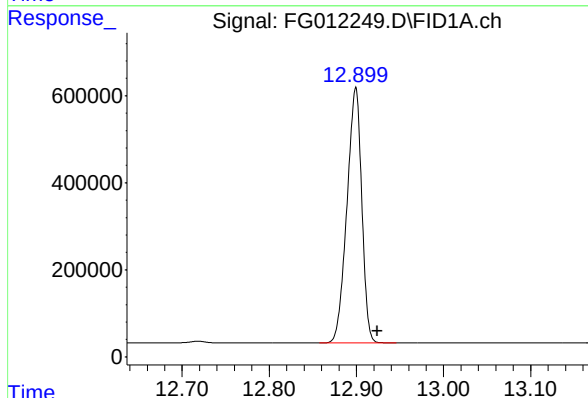
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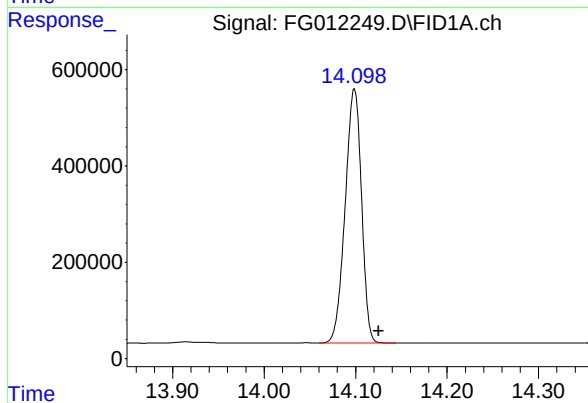
#6 N-OCTADECANE

R.T.: 11.587 min
Delta R.T.: -0.024 min
Response: 7052884
Conc: 44.35 ug/ml



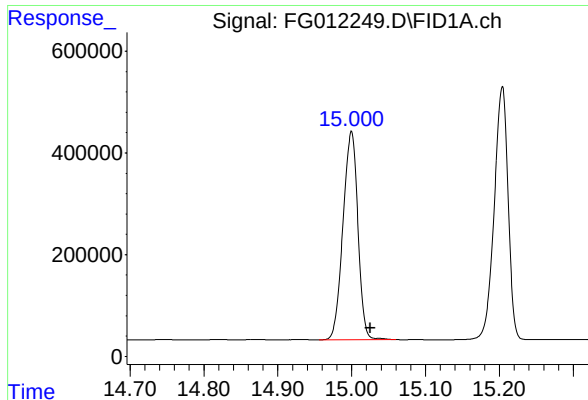
#7 N-EICOSANE

R.T.: 12.899 min
Delta R.T.: -0.025 min
Response: 6923697
Conc: 43.63 ug/ml



#8 N-DOCOSANE

R.T.: 14.099 min
Delta R.T.: -0.027 min
Response: 6559035
Conc: 42.93 ug/ml



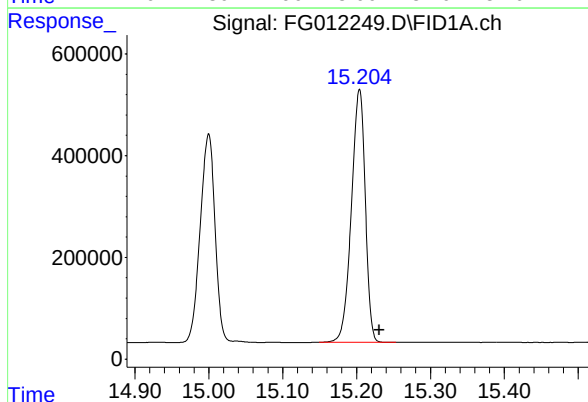
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.000 min
Delta R.T.: -0.025 min
Response: 5739018
Conc: 43.04 ug/ml

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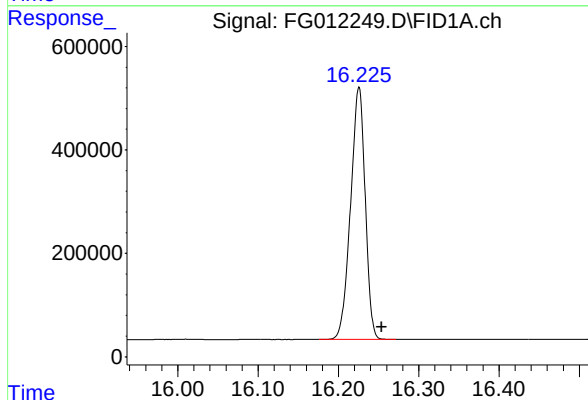
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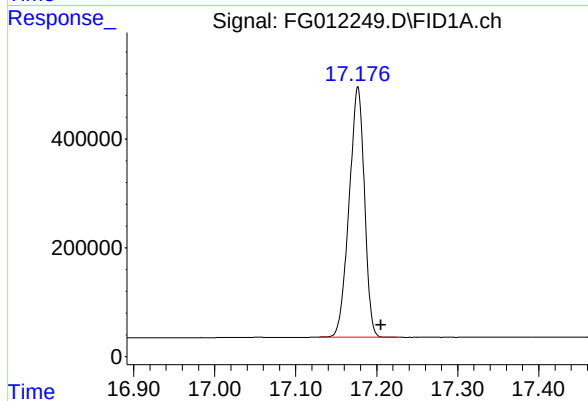
#10 N-TETRACOSANE

R.T.: 15.204 min
Delta R.T.: -0.026 min
Response: 6484934
Conc: 43.41 ug/ml



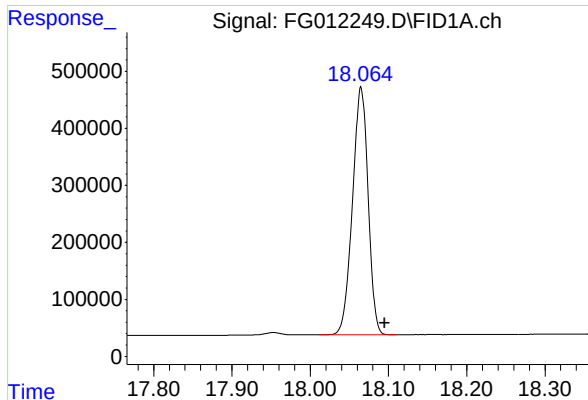
#11 N-HEXACOSANE

R.T.: 16.226 min
Delta R.T.: -0.028 min
Response: 6163551
Conc: 43.52 ug/ml



#12 N-OCTACOSANE

R.T.: 17.177 min
Delta R.T.: -0.028 min
Response: 6039250
Conc: 44.61 ug/ml



#13 N-TRIACONTANE

R.T.: 18.065 min
Delta R.T.: -0.031 min
Response: 6027871
Conc: 45.49 ug/ml

Instrument :

FID_G

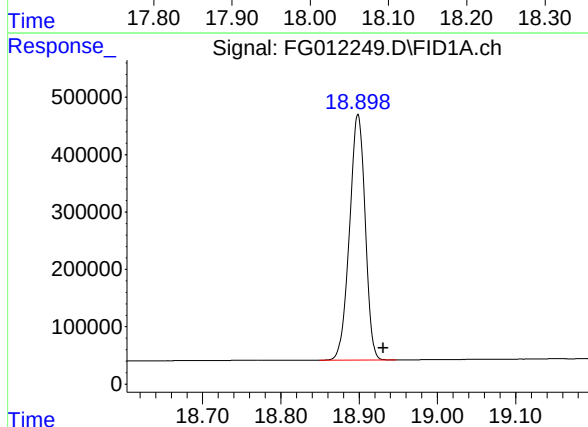
ClientSampleId :

50 PPM TRPH STD

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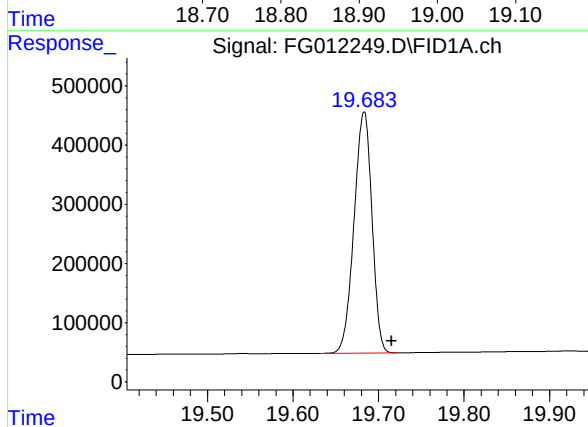
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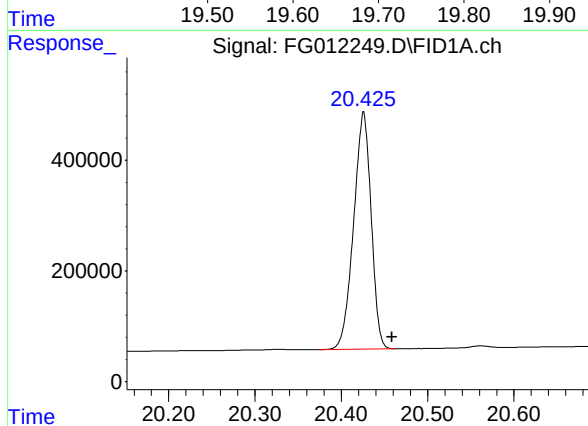
#14 N-DOTRIACONTANE

R.T.: 18.899 min
Delta R.T.: -0.032 min
Response: 5934369
Conc: 46.49 ug/ml



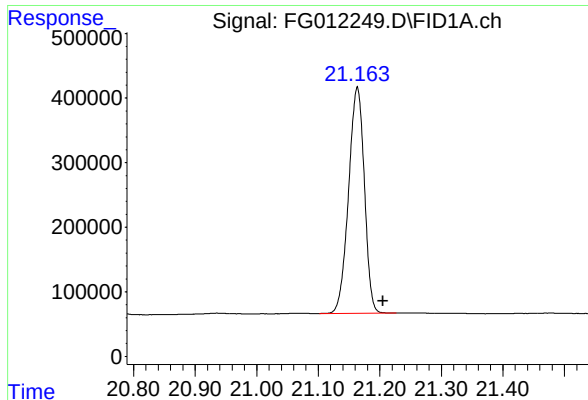
#15 N-TETRATRIACONTANE

R.T.: 19.683 min
Delta R.T.: -0.032 min
Response: 5924096
Conc: 48.67 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.425 min
Delta R.T.: -0.033 min
Response: 6045698
Conc: 49.33 ug/ml m



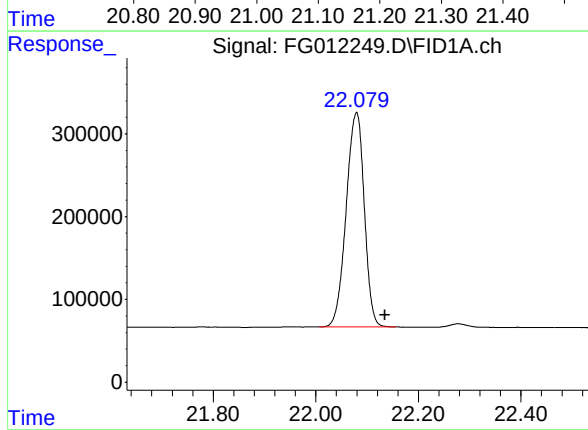
#17 N-OCTATRIACONTANE

R.T.: 21.163 min
Delta R.T.: -0.042 min
Response: 6220616
Conc: 48.76 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.079 min
Delta R.T.: -0.056 min
Response: 6333760
Conc: 47.83 ug/ml