

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061923\
 Data File : FG012226.D
 Signal(s) : FID1A.ch
 Acq On : 20 Jun 2023 02:02
 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 06/20/2023
 Supervised By :Ankita Jodhani 06/20/2023

Integration File: autoint1.e
 Quant Time: Jun 20 04:29:31 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...	15.002	5977256	44.830 ug/ml
Target Compounds			
1) N-OCTANE	2.028	6765966	48.650 ug/ml
2) N-DECANE	4.538	7040030	47.780 ug/ml
3) N-DODECANE	6.708	7173513	47.790 ug/ml
4) N-TETRADECANE	8.537	7134544	47.620 ug/ml
5) N-HEXADECANE	10.146	7316004	46.759 ug/ml
6) N-OCTADECANE	11.591	7330895	46.097 ug/ml
7) N-EICOSANE	12.903	7235028	45.593 ug/ml
8) N-DOCOSANE	14.102	6870642	44.968 ug/ml
10) N-TETRACOSANE	15.208	6738148	45.109 ug/ml
11) N-HEXACOSANE	16.230	6406748	45.240 ug/ml
12) N-OCTACOSANE	17.181	6218395	45.935 ug/ml
13) N-TRIACONTANE	18.069	6114710	46.150 ug/ml
14) N-DOTRIACONTANE	18.903	5962495	46.711 ug/ml
15) N-TETRATRIACONTANE	19.687	5925698	48.684 ug/ml
16) N-HEXATRIACONTANE	20.429	6109495	49.851 ug/mlm
17) N-OCTATRIACONTANE	21.170	6350766	49.776 ug/ml
18) N-TETRACONTANE	22.086	6640286	50.147 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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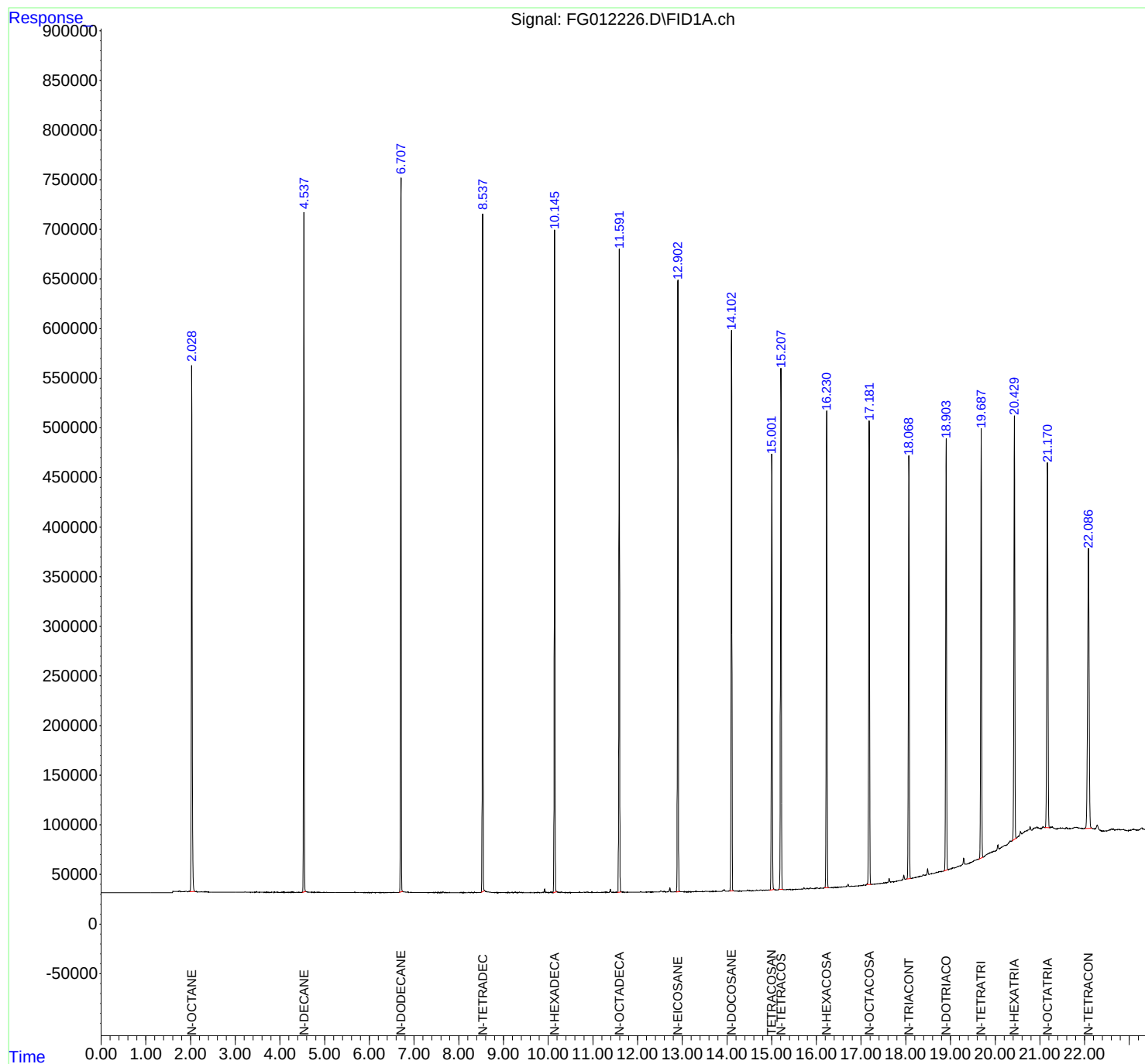
Instrument :
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50 PPM TRPH STD

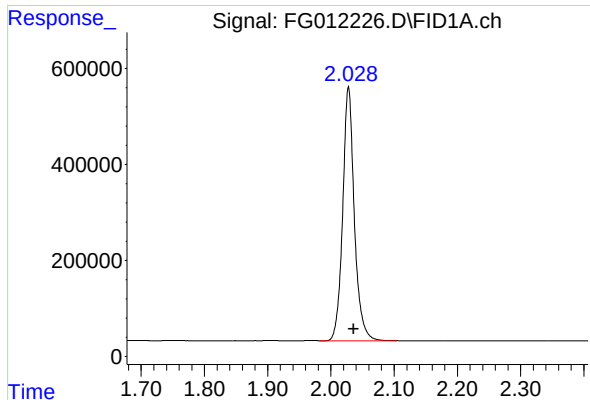
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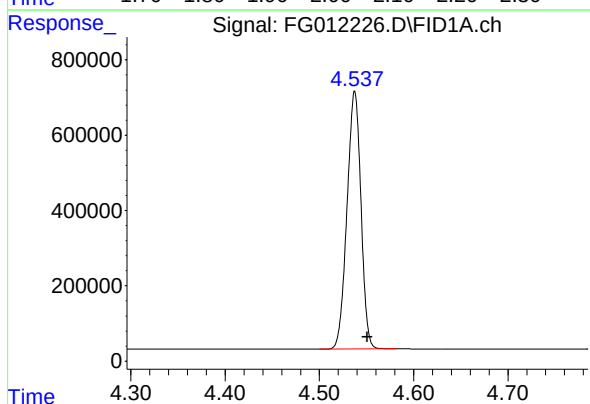
#1 N-OCTANE

R.T.: 2.028 min
Delta R.T.: -0.008 min
Response: 6765966
Conc: 48.65 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

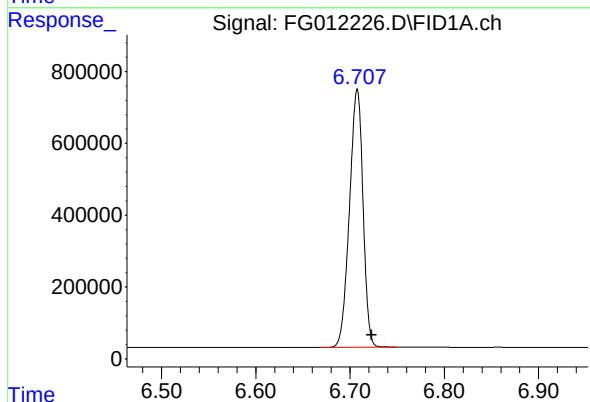
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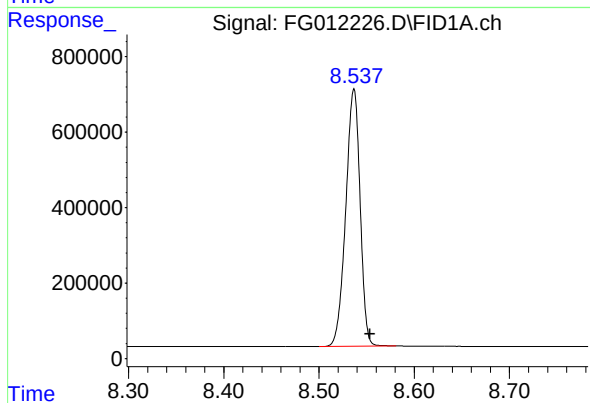
#2 N-DECANE

R.T.: 4.538 min
Delta R.T.: -0.014 min
Response: 7040030
Conc: 47.78 ug/ml



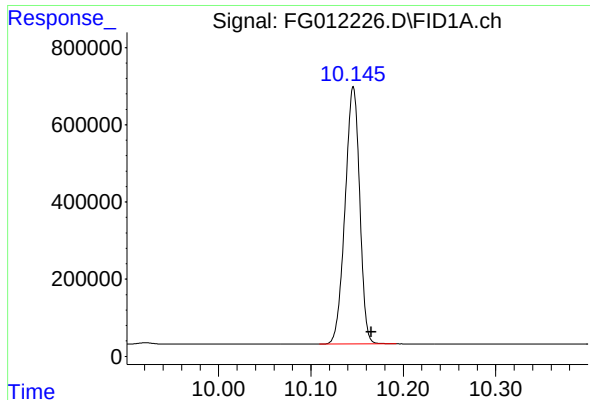
#3 N-DODECANE

R.T.: 6.708 min
Delta R.T.: -0.015 min
Response: 7173513
Conc: 47.79 ug/ml



#4 N-TETRADECANE

R.T.: 8.537 min
Delta R.T.: -0.017 min
Response: 7134544
Conc: 47.62 ug/ml



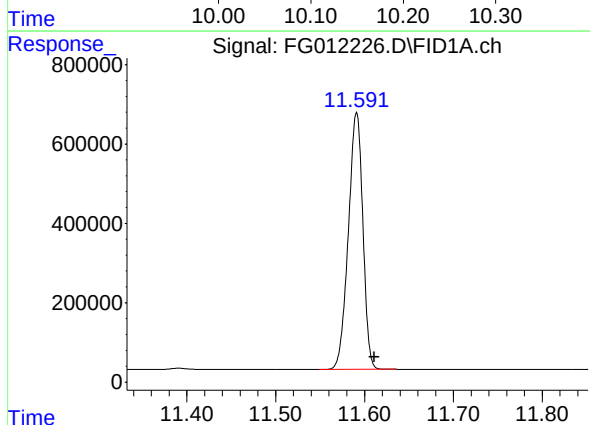
#5 N-HEXADECANE

R.T.: 10.146 min
Delta R.T.: -0.019 min
Response: 7316004
Conc: 46.76 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

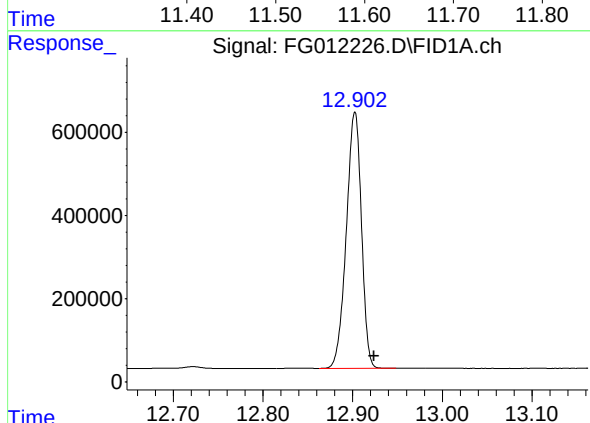
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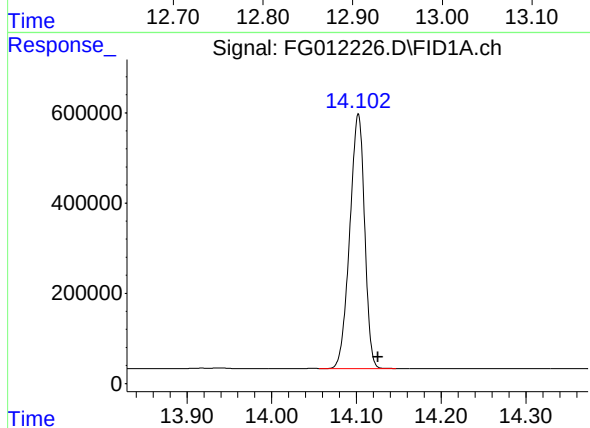
#6 N-OCTADECANE

R.T.: 11.591 min
Delta R.T.: -0.020 min
Response: 7330895
Conc: 46.10 ug/ml



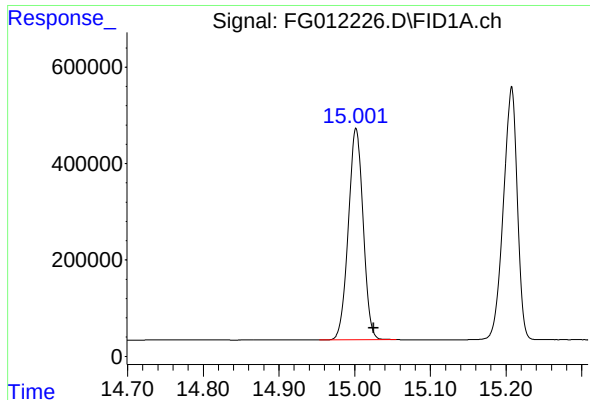
#7 N-EICOSANE

R.T.: 12.903 min
Delta R.T.: -0.021 min
Response: 7235028
Conc: 45.59 ug/ml



#8 N-DOCOSANE

R.T.: 14.102 min
Delta R.T.: -0.023 min
Response: 6870642
Conc: 44.97 ug/ml



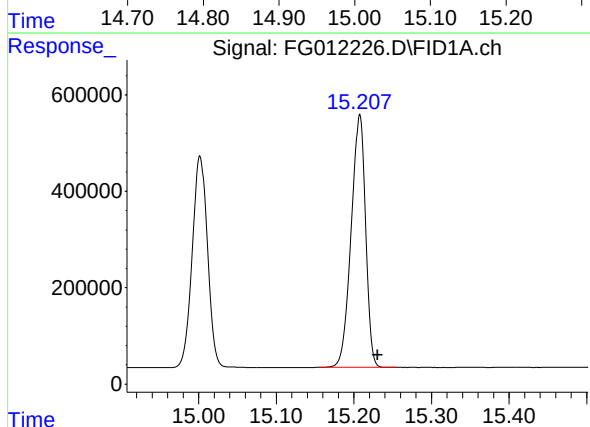
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.002 min
Delta R.T.: -0.023 min
Response: 5977256
Conc: 44.83 ug/ml

Instrument :
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50 PPM TRPH STD

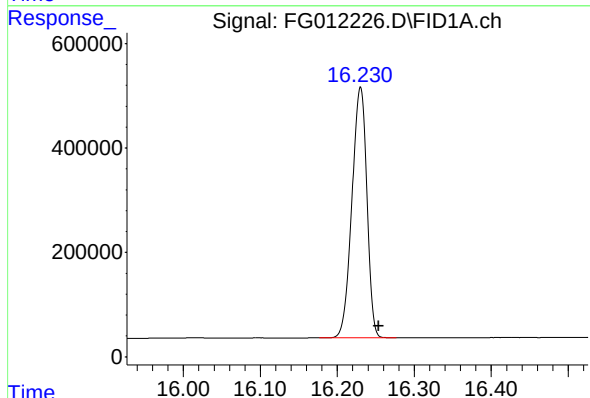
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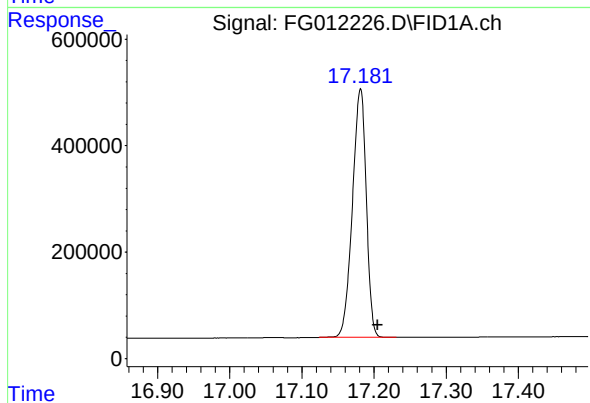
#10 N-TETRACOSANE

R.T.: 15.208 min
Delta R.T.: -0.023 min
Response: 6738148
Conc: 45.11 ug/ml



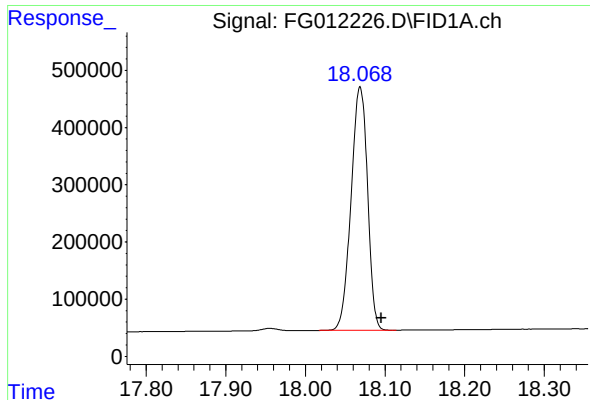
#11 N-HEXACOSANE

R.T.: 16.230 min
Delta R.T.: -0.024 min
Response: 6406748
Conc: 45.24 ug/ml



#12 N-OCTACOSANE

R.T.: 17.181 min
Delta R.T.: -0.024 min
Response: 6218395
Conc: 45.94 ug/ml



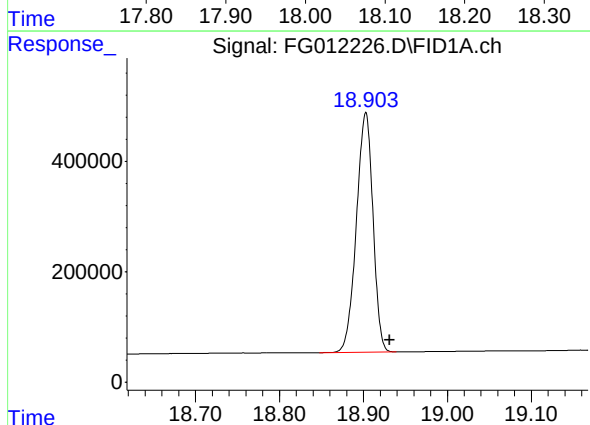
#13 N-TRIACONTANE

R.T.: 18.069 min
Delta R.T.: -0.027 min
Response: 6114710
Conc: 46.15 ug/ml

Instrument :
FID_G
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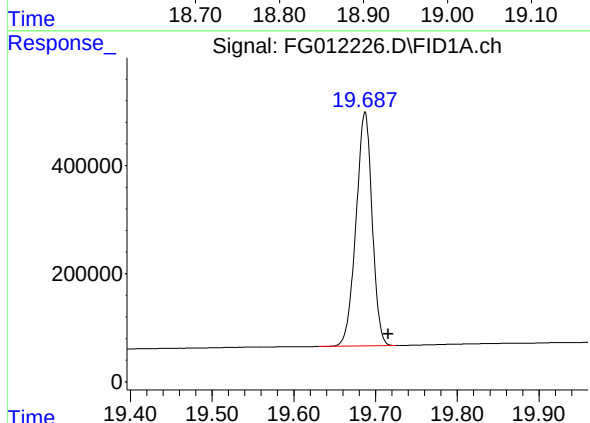
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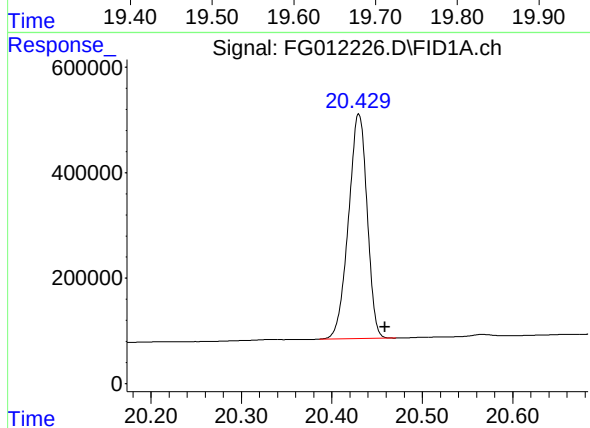
#14 N-DOTRIACONTANE

R.T.: 18.903 min
Delta R.T.: -0.028 min
Response: 5962495
Conc: 46.71 ug/ml



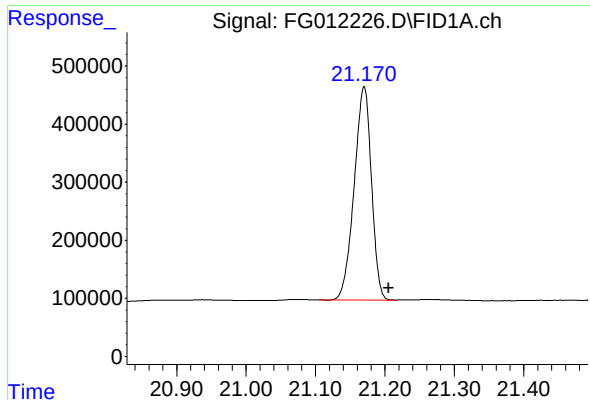
#15 N-TETRATRIACONTANE

R.T.: 19.687 min
Delta R.T.: -0.028 min
Response: 5925698
Conc: 48.68 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.429 min
Delta R.T.: -0.030 min
Response: 6109495
Conc: 49.85 ug/ml m



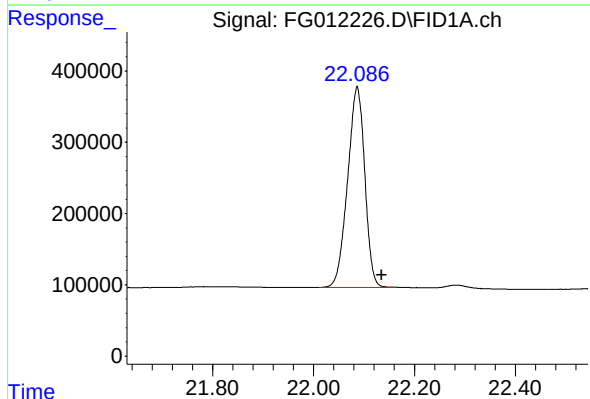
#17 N-OCTATRIACONTANE

R.T.: 21.170 min
Delta R.T.: -0.035 min
Response: 6350766
Conc: 49.78 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.086 min
Delta R.T.: -0.049 min
Response: 6640286
Conc: 50.15 ug/ml