

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061923\
 Data File : FG012233.D
 Signal(s) : FID1A.ch
 Acq On : 20 Jun 2023 06:25
 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 06:46:41 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...	15.001	5696436	42.724 ug/ml
Target Compounds			
1) N-OCTANE	2.027	6561955	47.183 ug/ml
2) N-DECANE	4.537	6859185	46.553 ug/ml
3) N-DODECANE	6.707	6983597	46.525 ug/ml
4) N-TETRADECANE	8.536	6931809	46.267 ug/ml
5) N-HEXADECANE	10.145	7083139	45.270 ug/ml
6) N-OCTADECANE	11.590	7060979	44.400 ug/ml
7) N-EICOSANE	12.902	6931406	43.679 ug/ml
8) N-DOCOSANE	14.101	6559372	42.931 ug/ml
10) N-TETRACOSANE	15.206	6552832	43.868 ug/ml
11) N-HEXACOSANE	16.229	6140625	43.361 ug/ml
12) N-OCTACOSANE	17.179	5987035	44.226 ug/ml
13) N-TRIACONTANE	18.068	5922910	44.702 ug/ml
14) N-DOTRIACONTANE	18.902	5792841	45.382 ug/ml
15) N-TETRATRIACONTANE	19.687	5714501	46.949 ug/ml
16) N-HEXATRIACONTANE	20.427	5856411	47.786 ug/mlm
17) N-OCTATRIACONTANE	21.167	6128764	48.036 ug/ml
18) N-TETRACONTANE	22.085	6369863	48.105 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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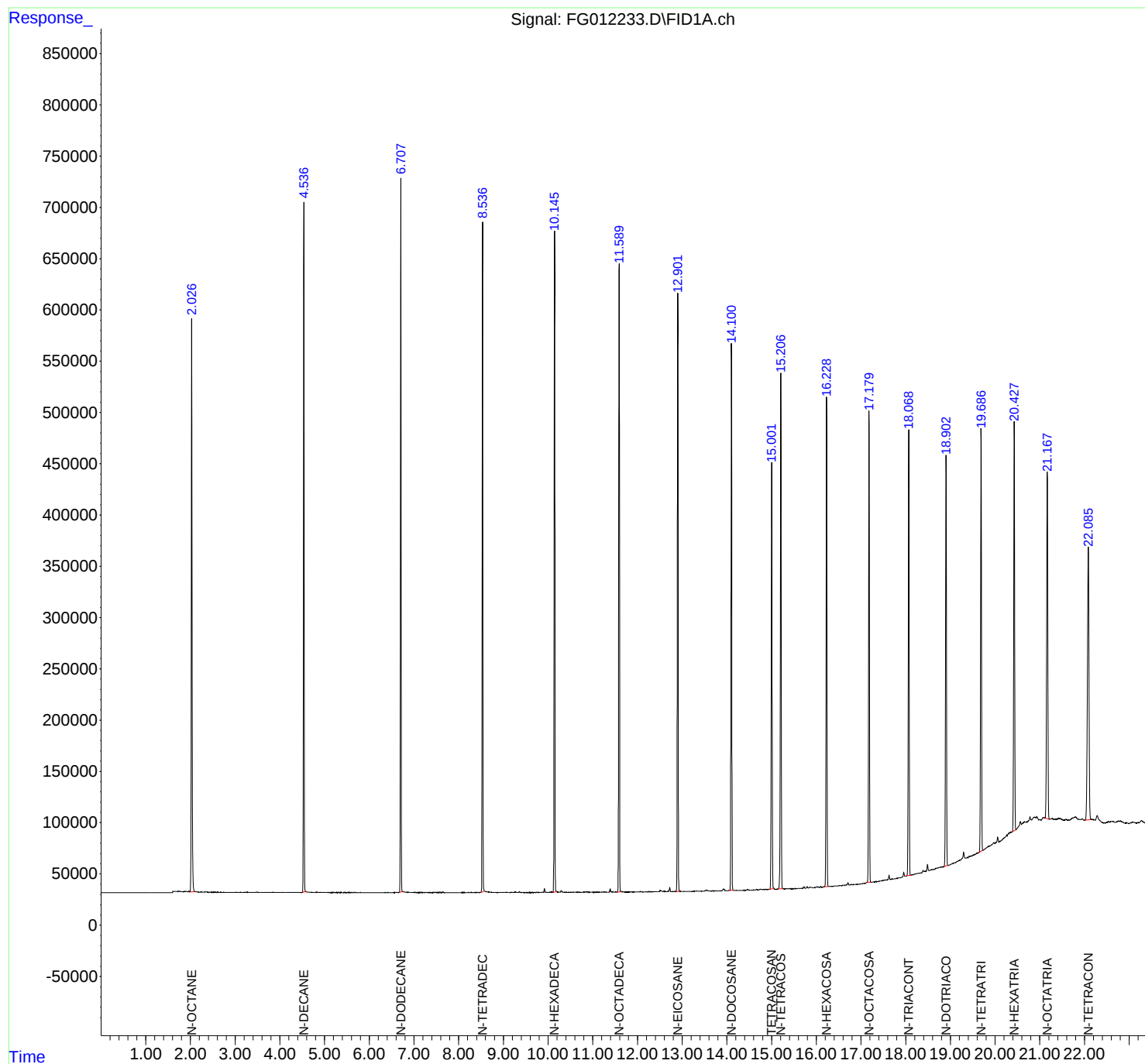
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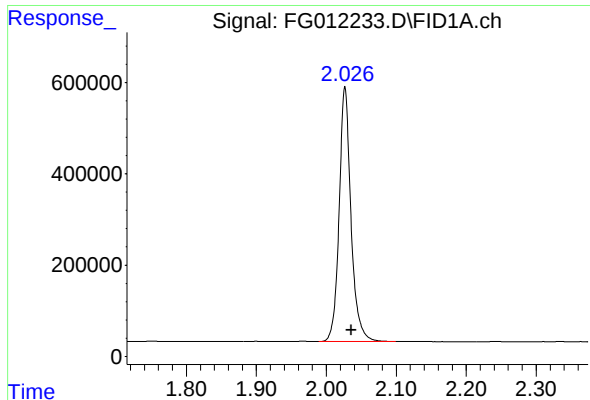
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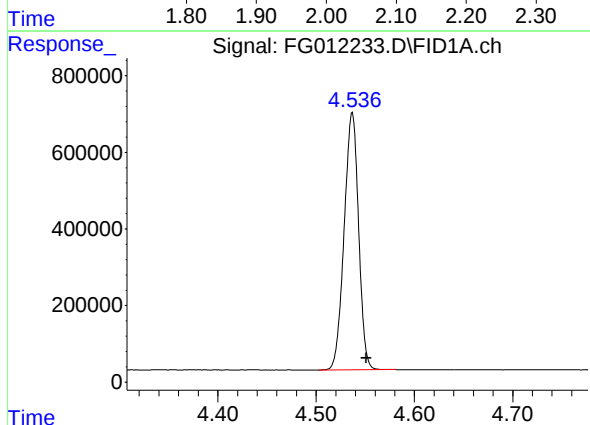
#1 N-OCTANE

R.T.: 2.027 min
Delta R.T.: -0.009 min
Response: 6561955
Conc: 47.18 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

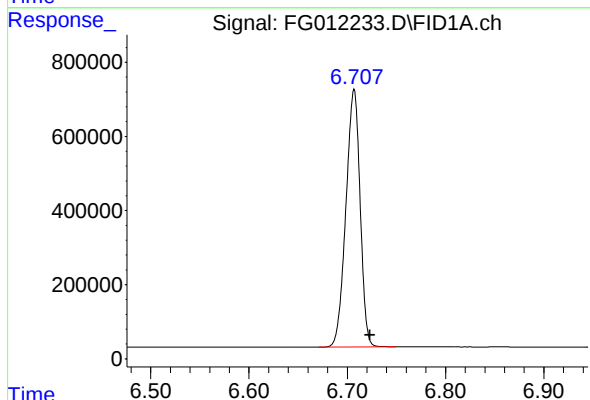
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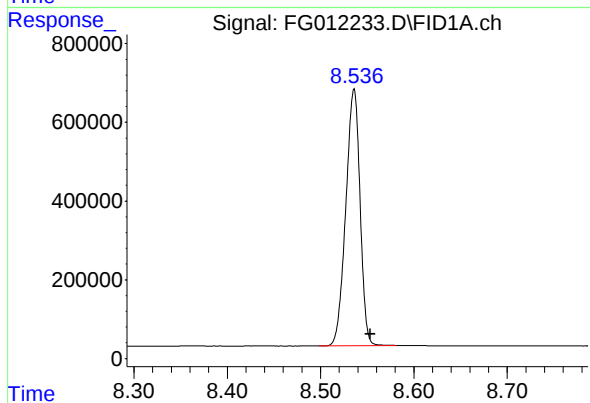
#2 N-DECANE

R.T.: 4.537 min
Delta R.T.: -0.014 min
Response: 6859185
Conc: 46.55 ug/ml



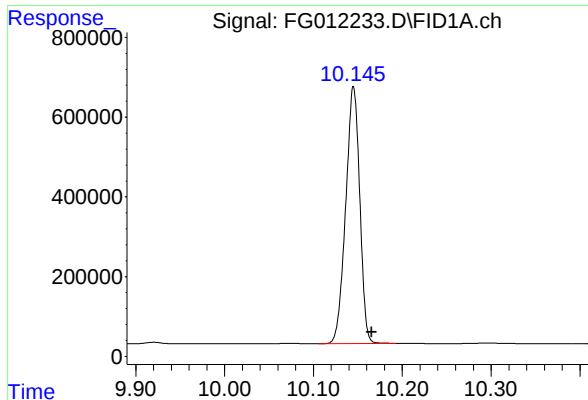
#3 N-DODECANE

R.T.: 6.707 min
Delta R.T.: -0.016 min
Response: 6983597
Conc: 46.53 ug/ml



#4 N-TETRADECANE

R.T.: 8.536 min
Delta R.T.: -0.017 min
Response: 6931809
Conc: 46.27 ug/ml



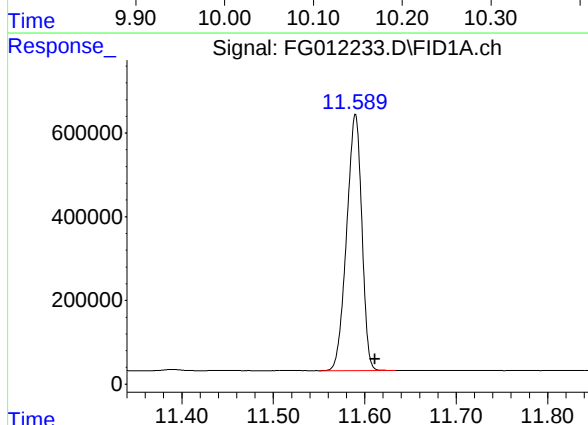
#5 N-HEXADECANE

R.T.: 10.145 min
Delta R.T.: -0.020 min
Response: 7083139
Conc: 45.27 ug/ml

Instrument :
FID_G
ClientSampleId :
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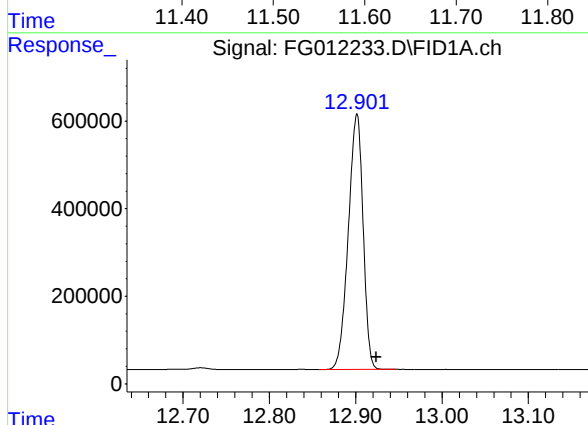
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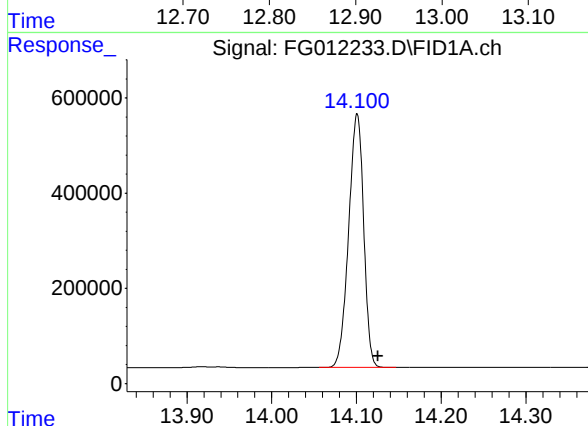
#6 N-OCTADECANE

R.T.: 11.590 min
Delta R.T.: -0.021 min
Response: 7060979
Conc: 44.40 ug/ml



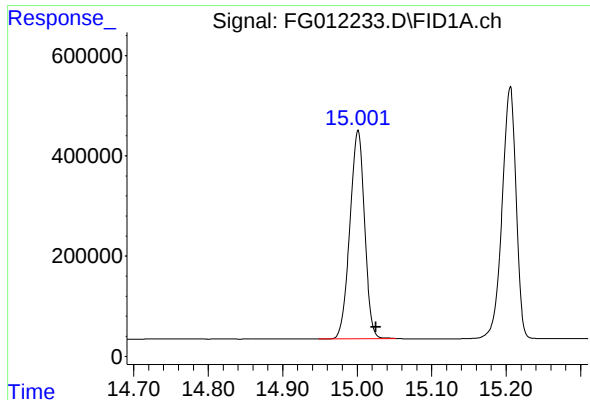
#7 N-EICOSANE

R.T.: 12.902 min
Delta R.T.: -0.022 min
Response: 6931406
Conc: 43.68 ug/ml



#8 N-DOCOSANE

R.T.: 14.101 min
Delta R.T.: -0.024 min
Response: 6559372
Conc: 42.93 ug/ml



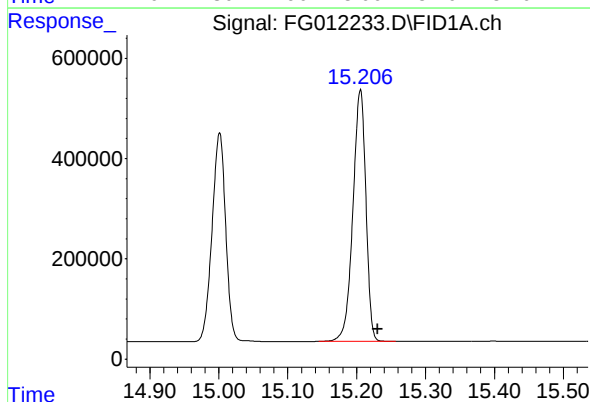
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.001 min
Delta R.T.: -0.024 min
Response: 5696436
Conc: 42.72 ug/ml

Instrument :
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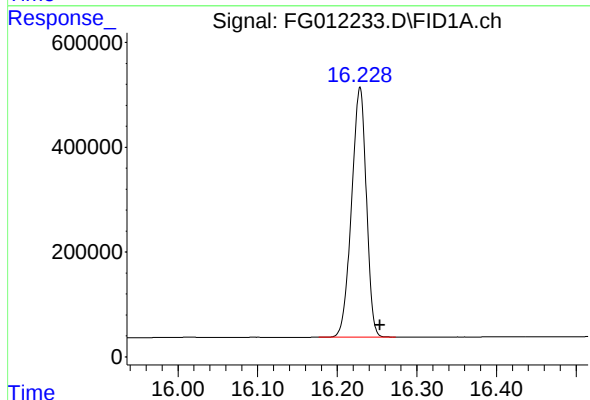
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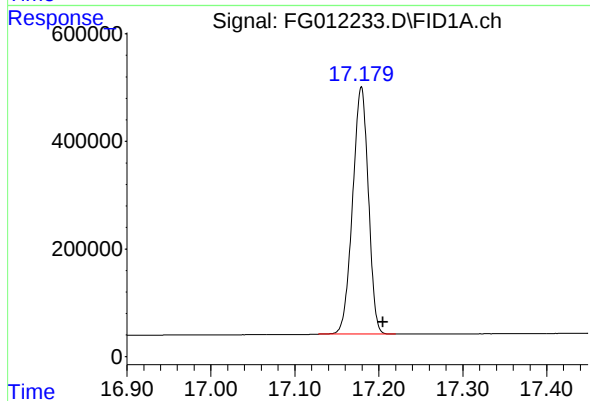
#10 N-TETRACOSANE

R.T.: 15.206 min
Delta R.T.: -0.025 min
Response: 6552832
Conc: 43.87 ug/ml



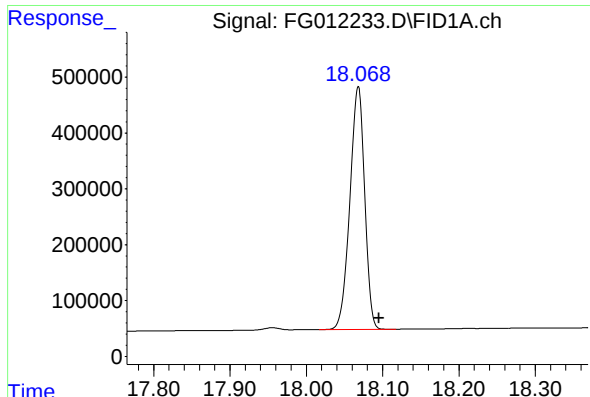
#11 N-HEXACOSANE

R.T.: 16.229 min
Delta R.T.: -0.025 min
Response: 6140625
Conc: 43.36 ug/ml



#12 N-OCTACOSANE

R.T.: 17.179 min
Delta R.T.: -0.026 min
Response: 5987035
Conc: 44.23 ug/ml



#13 N-TRIACONTANE

R.T.: 18.068 min
Delta R.T.: -0.027 min
Response: 5922910
Conc: 44.70 ug/ml

Instrument :

FID_G

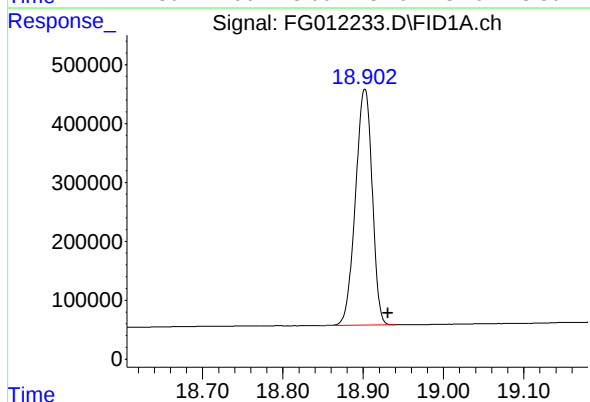
ClientSampleId :

50 PPM TRPH STD

Manual Integrations

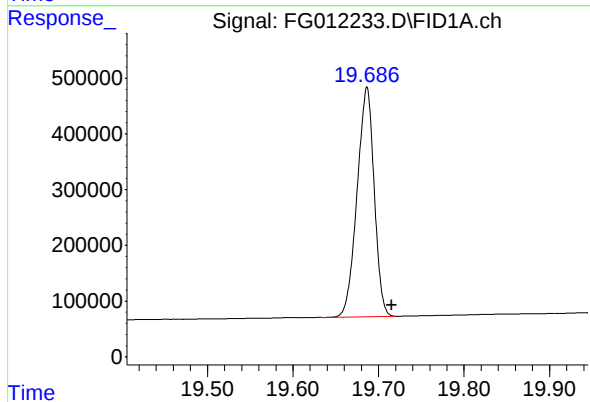
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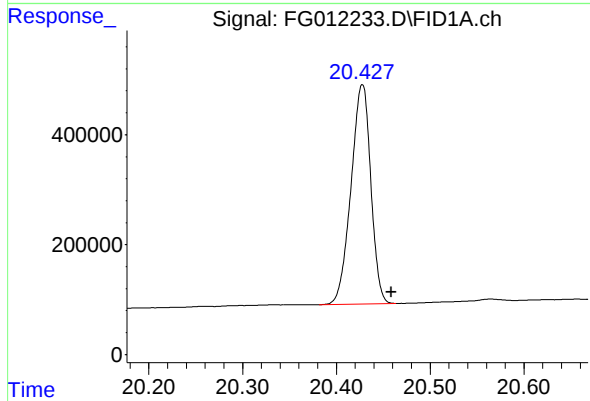
#14 N-DOTRIACONTANE

R.T.: 18.902 min
Delta R.T.: -0.029 min
Response: 5792841
Conc: 45.38 ug/ml



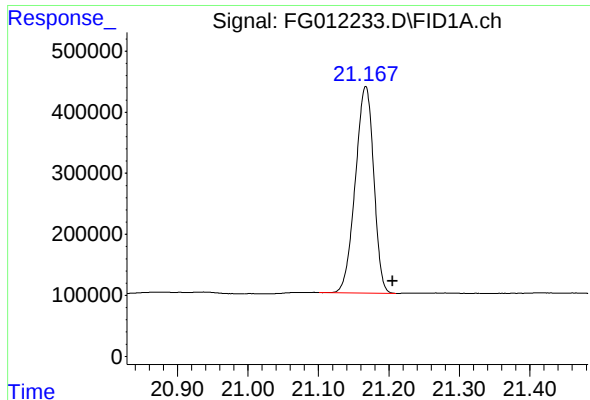
#15 N-TETRATRIACONTANE

R.T.: 19.687 min
Delta R.T.: -0.029 min
Response: 5714501
Conc: 46.95 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.427 min
Delta R.T.: -0.031 min
Response: 5856411
Conc: 47.79 ug/ml m



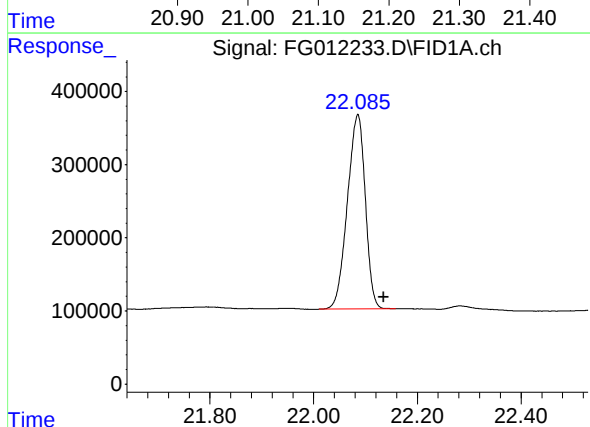
#17 N-OCTATRIACONTANE

R.T.: 21.167 min
Delta R.T.: -0.038 min
Response: 6128764
Conc: 48.04 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.085 min
Delta R.T.: -0.050 min
Response: 6369863
Conc: 48.11 ug/ml