

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061923\
 Data File : FG012216.D
 Signal(s) : FID1A.ch
 Acq On : 19 Jun 2023 19:39
 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 04:12:27 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...	15.003	5622706	42.171 ug/ml
Target Compounds			
1) N-OCTANE	2.028	6397938	46.004 ug/ml
2) N-DECANE	4.538	6668161	45.256 ug/ml
3) N-DODECANE	6.708	6795673	45.273 ug/ml
4) N-TETRADECANE	8.537	6766680	45.165 ug/ml
5) N-HEXADECANE	10.147	6912188	44.178 ug/ml
6) N-OCTADECANE	11.591	6899073	43.382 ug/ml
7) N-EICOSANE	12.904	6798737	42.843 ug/ml
8) N-DOCOSANE	14.102	6464043	42.307 ug/ml
10) N-TETRACOSANE	15.206	6299910	42.175 ug/ml
11) N-HEXACOSANE	16.229	6017061	42.488 ug/ml
12) N-OCTACOSANE	17.181	5824450	43.025 ug/ml
13) N-TRIACONTANE	18.068	5715833	43.139 ug/ml
14) N-DOTRIACONTANE	18.902	5543921	43.432 ug/ml
15) N-TETRATRIACONTANE	19.687	5418907	44.520 ug/ml
16) N-HEXATRIACONTANE	20.428	5548179	45.271 ug/ml
17) N-OCTATRIACONTANE	21.168	5812923	45.560 ug/ml
18) N-TETRACONTANE	22.085	6076975	45.893 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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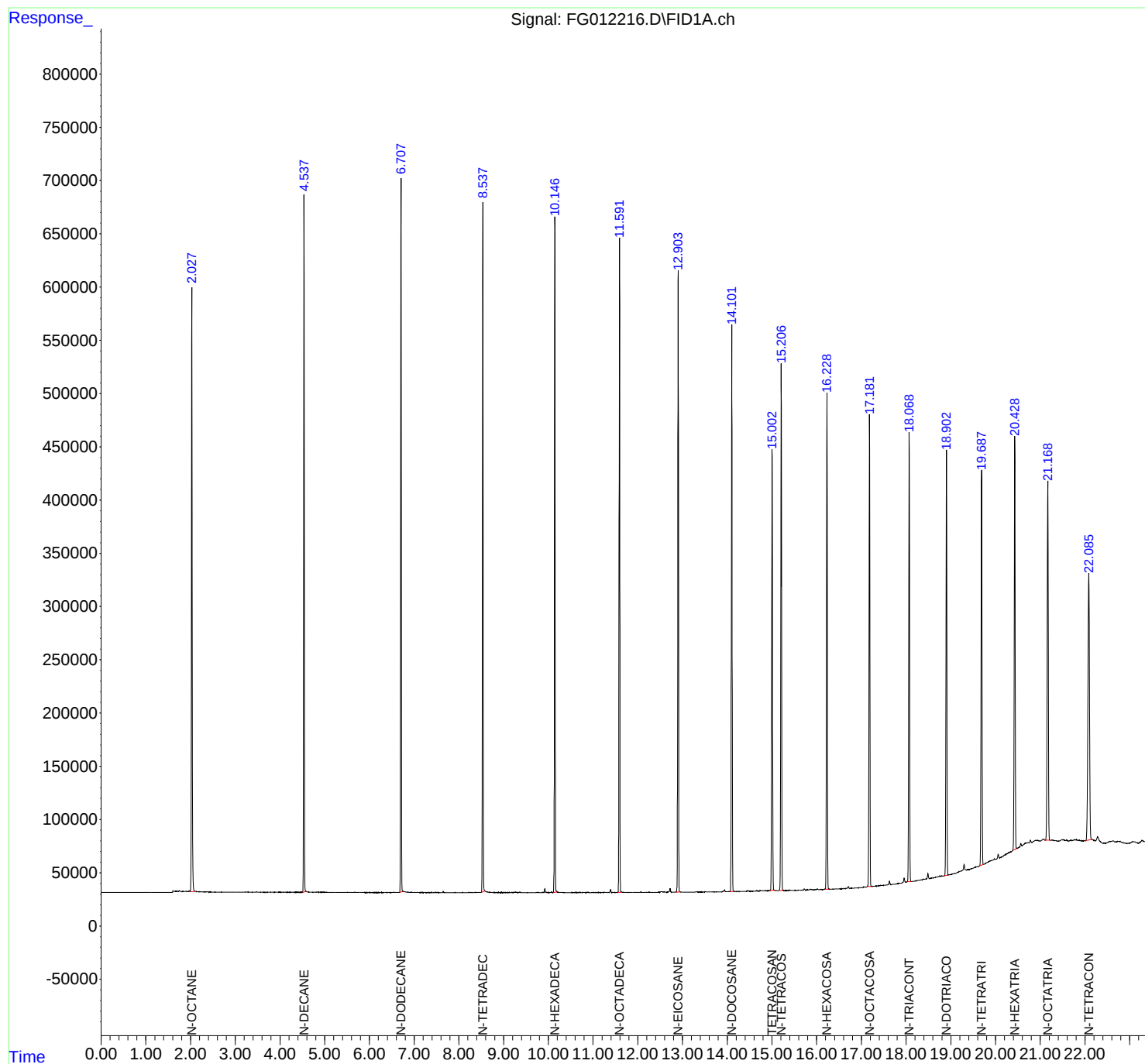
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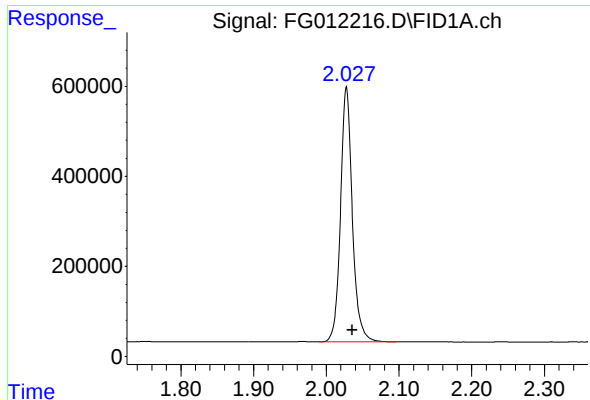
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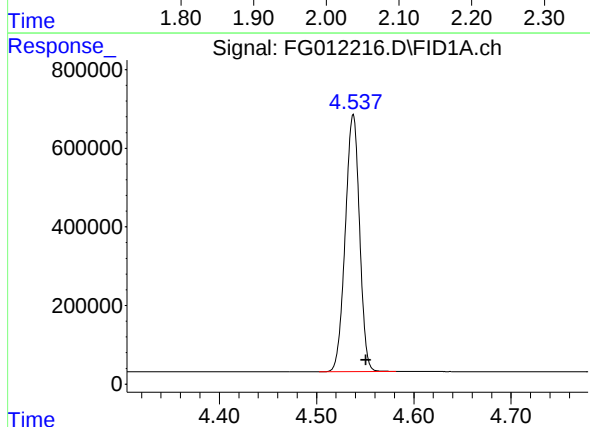
#1 N-OCTANE

R.T.: 2.028 min
Delta R.T.: -0.008 min
Response: 6397938
Conc: 46.00 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

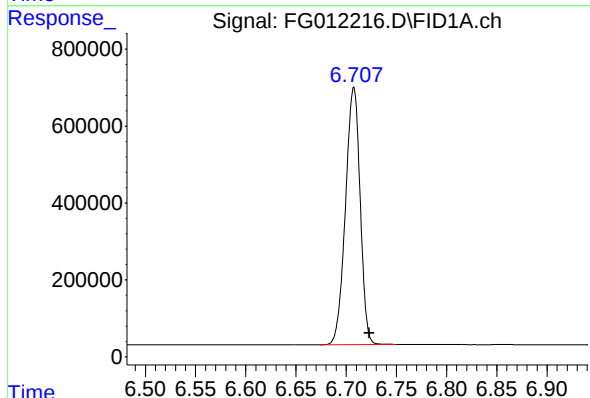
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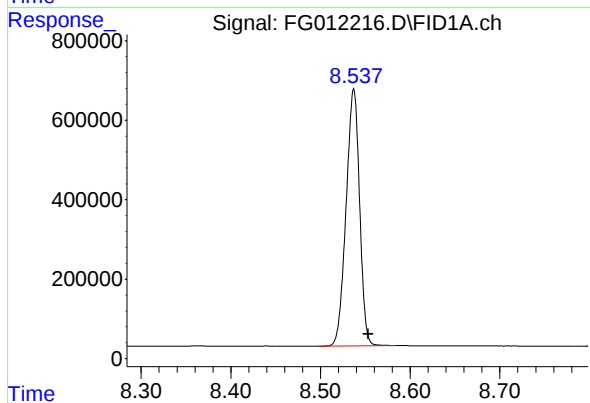
#2 N-DECANE

R.T.: 4.538 min
Delta R.T.: -0.013 min
Response: 6668161
Conc: 45.26 ug/ml



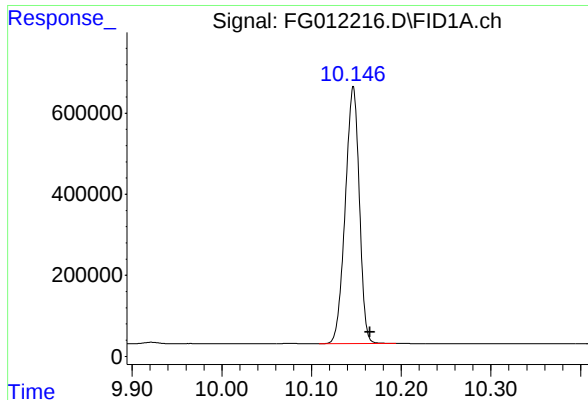
#3 N-DODECANE

R.T.: 6.708 min
Delta R.T.: -0.015 min
Response: 6795673
Conc: 45.27 ug/ml



#4 N-TETRADECANE

R.T.: 8.537 min
Delta R.T.: -0.016 min
Response: 6766680
Conc: 45.16 ug/ml



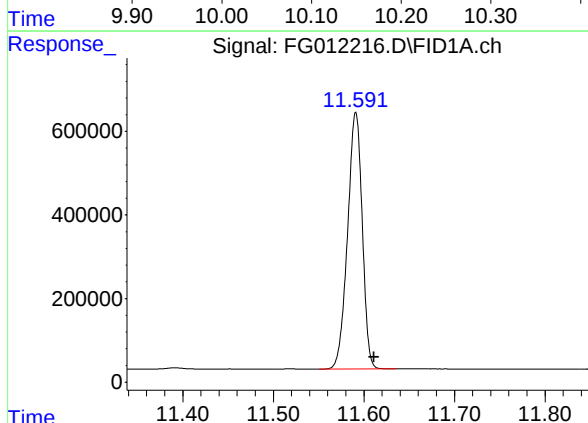
#5 N-HEXADECANE

R.T.: 10.147 min
Delta R.T.: -0.019 min
Response: 6912188
Conc: 44.18 ug/ml

Instrument :
FID_G
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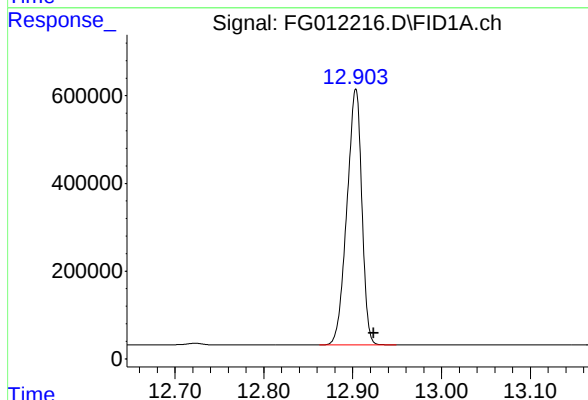
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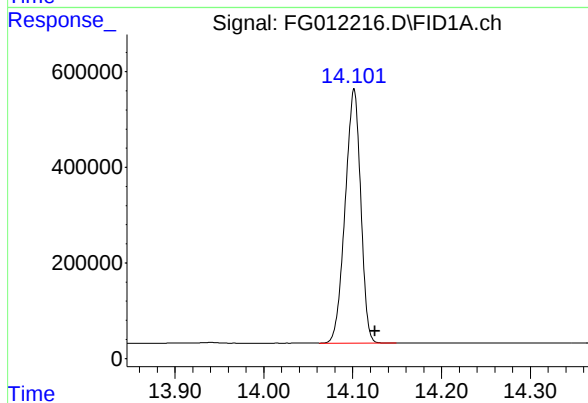
#6 N-OCTADECANE

R.T.: 11.591 min
Delta R.T.: -0.020 min
Response: 6899073
Conc: 43.38 ug/ml



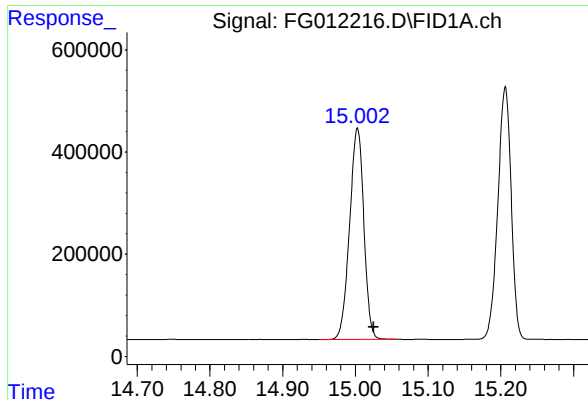
#7 N-EICOSANE

R.T.: 12.904 min
Delta R.T.: -0.020 min
Response: 6798737
Conc: 42.84 ug/ml



#8 N-DOCOSANE

R.T.: 14.102 min
Delta R.T.: -0.024 min
Response: 6464043
Conc: 42.31 ug/ml



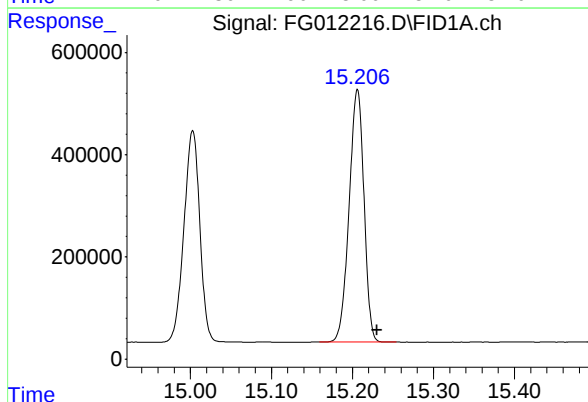
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.003 min
Delta R.T.: -0.022 min
Response: 5622706
Conc: 42.17 ug/ml

Instrument :
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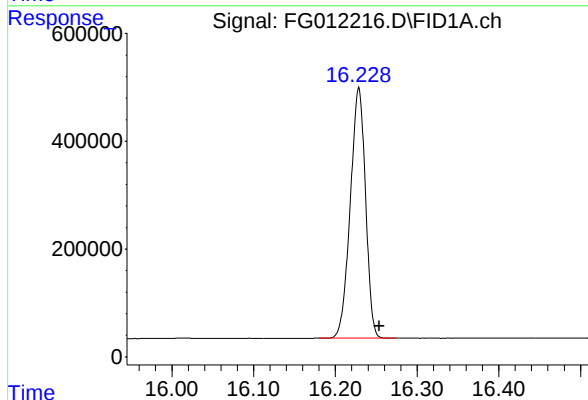
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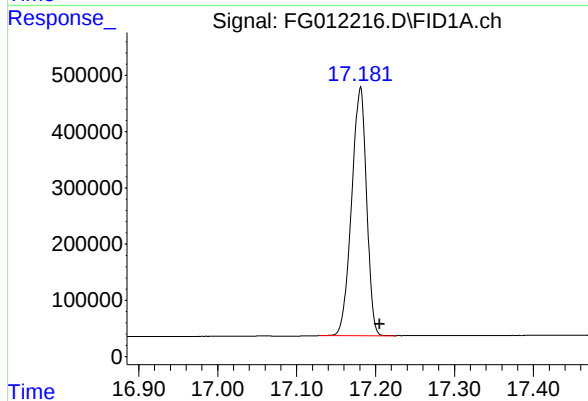
#10 N-TETRACOSANE

R.T.: 15.206 min
Delta R.T.: -0.024 min
Response: 6299910
Conc: 42.17 ug/ml



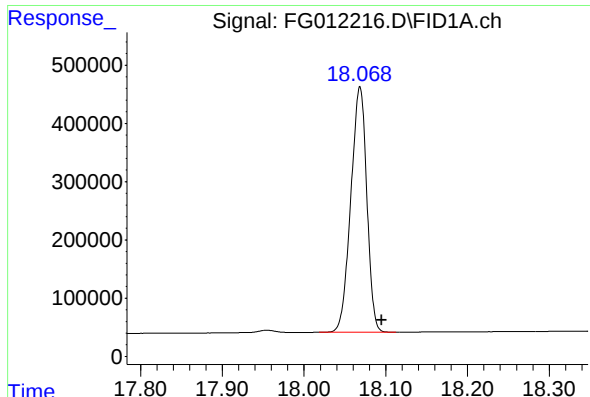
#11 N-HEXACOSANE

R.T.: 16.229 min
Delta R.T.: -0.025 min
Response: 6017061
Conc: 42.49 ug/ml



#12 N-OCTACOSANE

R.T.: 17.181 min
Delta R.T.: -0.024 min
Response: 5824450
Conc: 43.03 ug/ml



#13 N-TRIACONTANE

R.T.: 18.068 min
Delta R.T.: -0.027 min
Response: 5715833
Conc: 43.14 ug/ml

Instrument :

FID_G

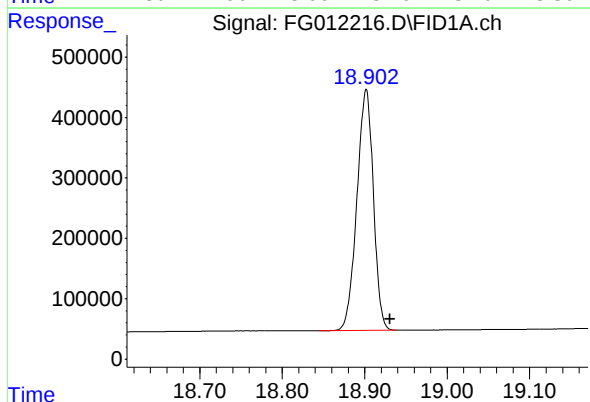
ClientSampleId :

50 PPM TRPH STD

Manual Integrations

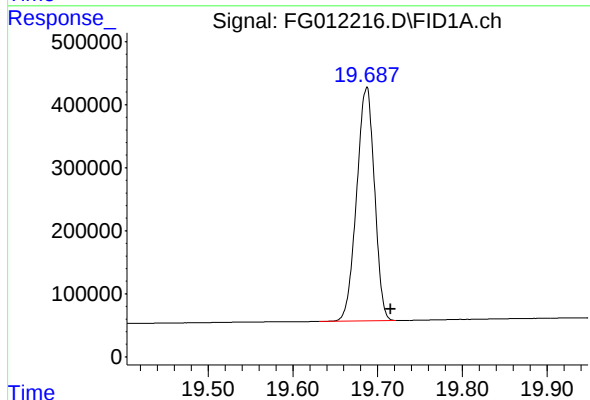
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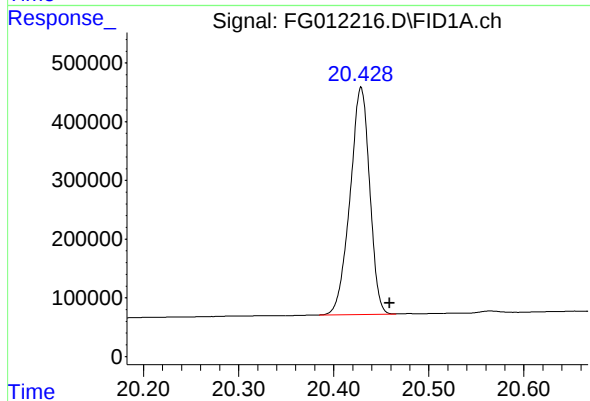
#14 N-DOTRIACONTANE

R.T.: 18.902 min
Delta R.T.: -0.029 min
Response: 5543921
Conc: 43.43 ug/ml



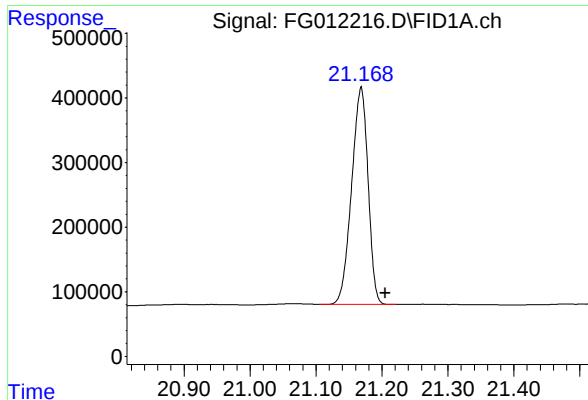
#15 N-TETRATRIACONTANE

R.T.: 19.687 min
Delta R.T.: -0.028 min
Response: 5418907
Conc: 44.52 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.428 min
Delta R.T.: -0.030 min
Response: 5548179
Conc: 45.27 ug/ml m



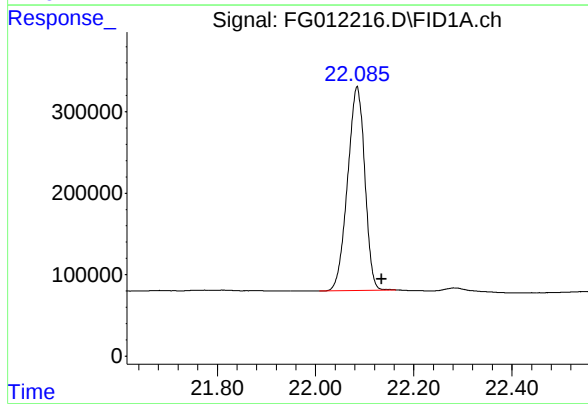
#17 N-OCTATRIACONTANE

R.T.: 21.168 min
Delta R.T.: -0.037 min
Response: 5812923
Conc: 45.56 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.085 min
Delta R.T.: -0.050 min
Response: 6076975
Conc: 45.89 ug/ml