

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG020725\
 Data File : FG015365.D
 Signal(s) : FID1A.ch
 Acq On : 07 Feb 2025 18:15
 Operator : YP\AJ
 Sample : Q1290-01MSD
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WASTEMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/10/2025
 Supervised By :Ankita Jodhani 02/10/2025

Integration File: autoint1.e
 Quant Time: Feb 08 05:57:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG011325.M
 Quant Title :
 QLast Update : Fri Jan 24 12:51:39 2025
 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...	15.043	1591686	12.409 ug/ml
Target Compounds			
1) N-OCTANE	1.997	1693874	13.882 ug/ml
2) N-DECANE	4.535	2313859	17.913 ug/ml
3) N-DODECANE	6.717	2530434	18.574 ug/ml
4) N-TETRADECANE	8.554	2645081	19.326 ug/ml
5) N-HEXADECANE	10.169	2707447	19.187 ug/ml
6) N-OCTADECANE	11.619	2773582	18.908 ug/ml
7) N-EICOSANE	12.936	2755320	18.952 ug/ml
8) N-DOCOSANE	14.139	2831648	19.738 ug/ml
10) N-TETRACOSANE	15.248	2564929	17.959 ug/ml
11) N-HEXACOSANE	16.274	2651131	18.824 ug/ml
12) N-OCTACOSANE	17.227	2981083	21.288 ug/ml
13) N-TRIACONTANE	18.118	2557195	17.974 ug/mlm
14) N-DOTRIACONTANE	18.954	2765843	19.900 ug/ml
15) N-TETRATRIACONTANE	19.740	2761969	22.043 ug/ml
16) N-HEXATRIACONTANE	20.479	2715815	25.132 ug/mlm
17) N-OCTATRIACONTANE	21.231	2829456	28.685 ug/mlm
18) N-TETRACONTANE	22.171	3052346	32.875 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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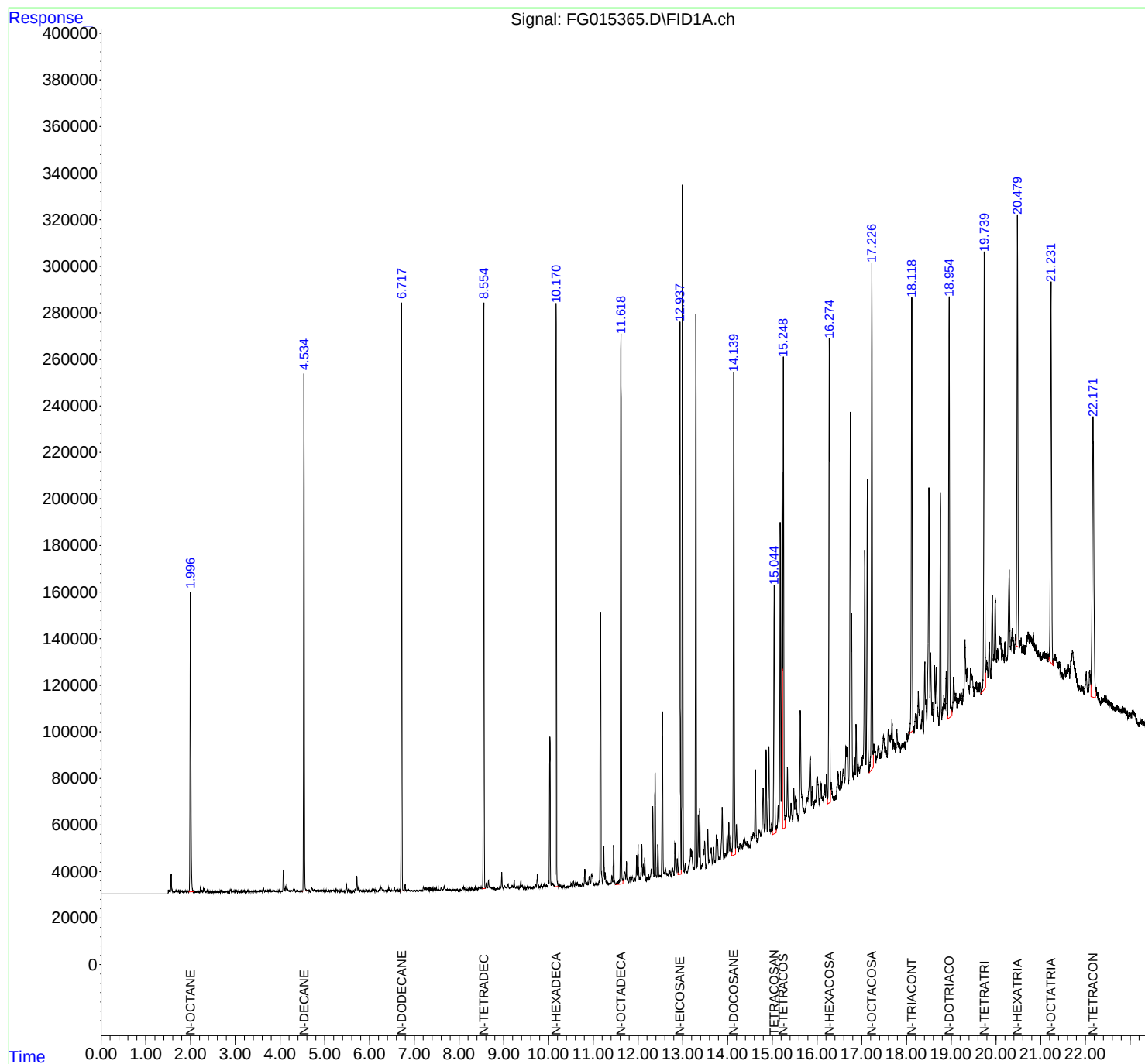
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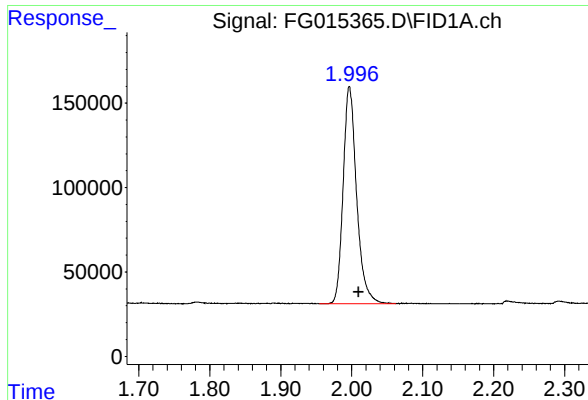
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Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 1.997 min
Delta R.T.: -0.013 min
Response: 1693874
Conc: 13.88 ug/ml

Instrument :

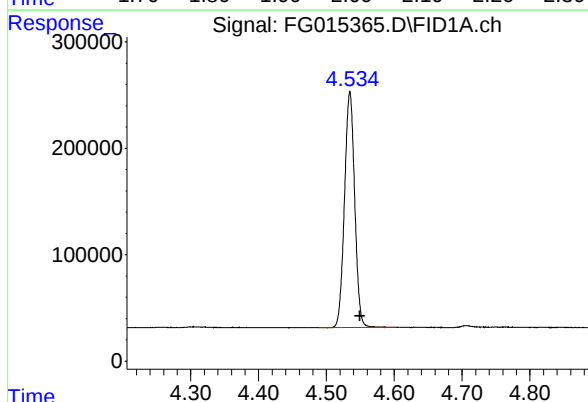
FID_G

ClientSampleId :

WASTEMSD

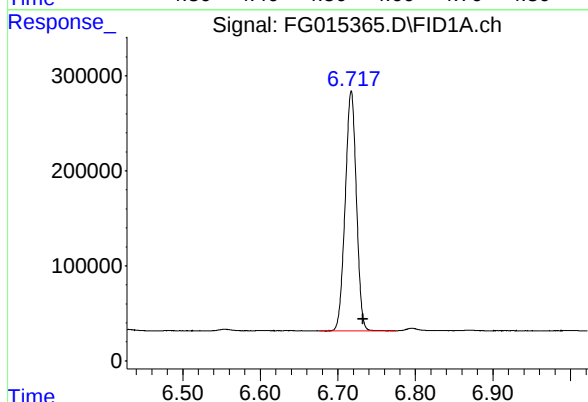
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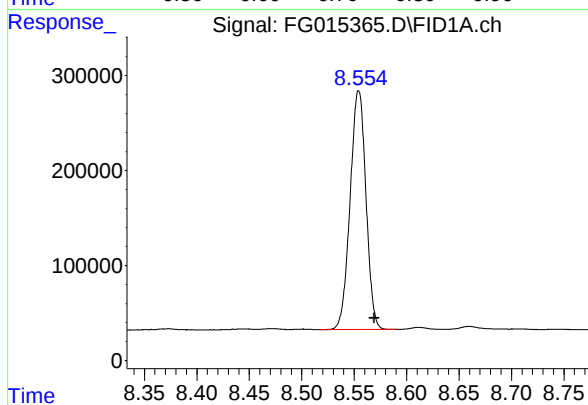
#2 N-DECANE

R.T.: 4.535 min
Delta R.T.: -0.015 min
Response: 2313859
Conc: 17.91 ug/ml



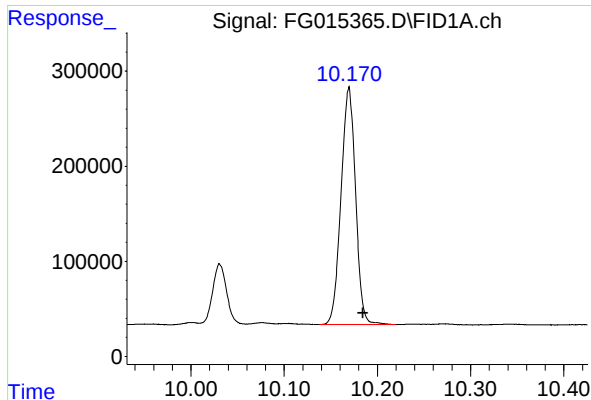
#3 N-DODECANE

R.T.: 6.717 min
Delta R.T.: -0.015 min
Response: 2530434
Conc: 18.57 ug/ml



#4 N-TETRADECANE

R.T.: 8.554 min
Delta R.T.: -0.015 min
Response: 2645081
Conc: 19.33 ug/ml



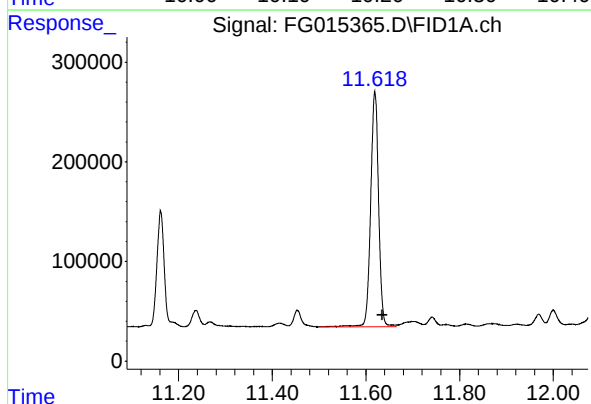
#5 N-HEXADECANE

R.T.: 10.169 min
Delta R.T.: -0.015 min
Response: 2707447
Conc: 19.19 ug/ml

Instrument :
FID_G
ClientSampleId :
WASTEMSD

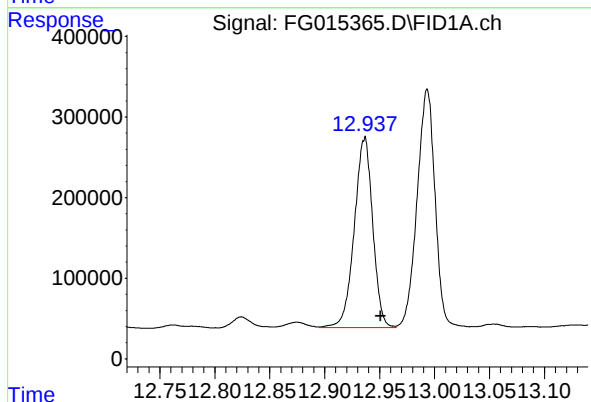
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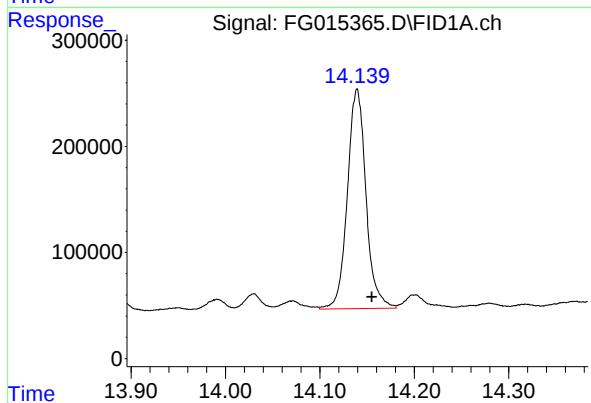
#6 N-OCTADECANE

R.T.: 11.619 min
Delta R.T.: -0.016 min
Response: 2773582
Conc: 18.91 ug/ml



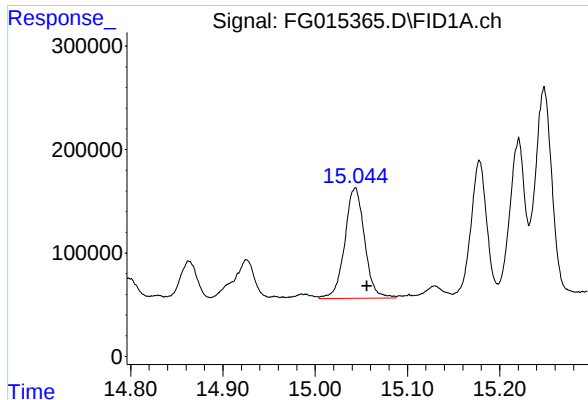
#7 N-EICOSANE

R.T.: 12.936 min
Delta R.T.: -0.015 min
Response: 2755320
Conc: 18.95 ug/ml



#8 N-DOCOSANE

R.T.: 14.139 min
Delta R.T.: -0.016 min
Response: 2831648
Conc: 19.74 ug/ml



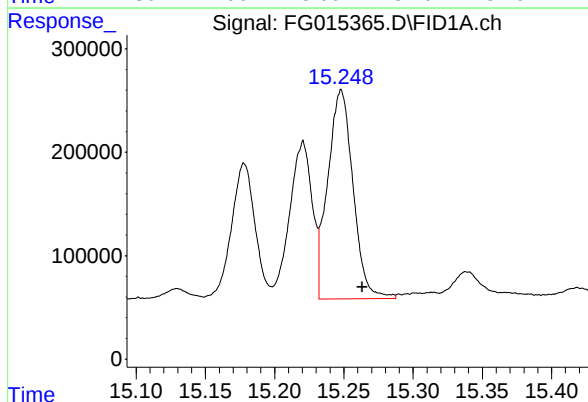
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.043 min
Delta R.T.: -0.013 min
Response: 1591686
Conc: 12.41 ug/ml

Instrument :
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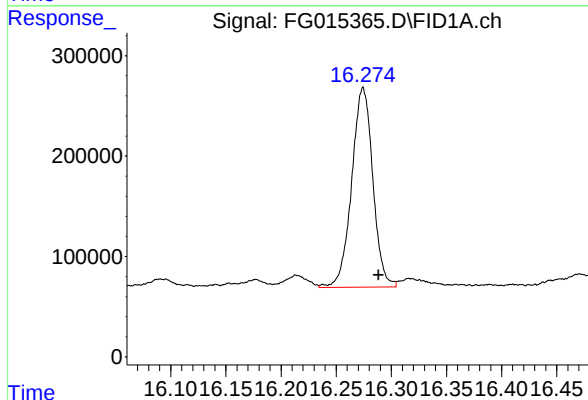
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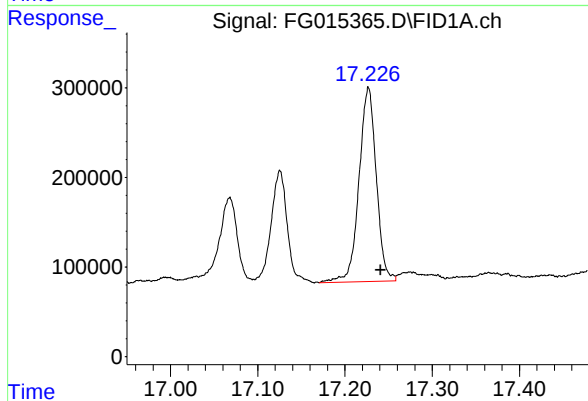
#10 N-TETRACOSANE

R.T.: 15.248 min
Delta R.T.: -0.015 min
Response: 2564929
Conc: 17.96 ug/ml



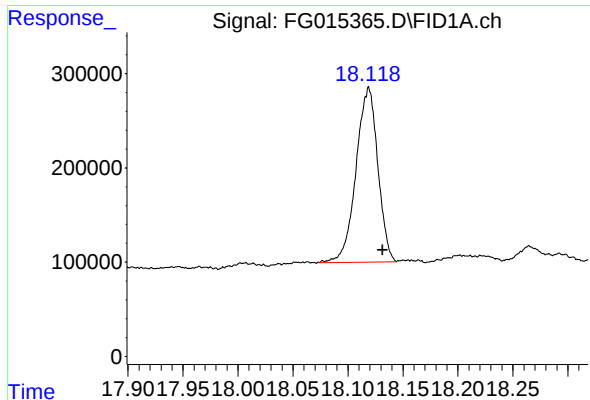
#11 N-HEXACOSANE

R.T.: 16.274 min
Delta R.T.: -0.014 min
Response: 2651131
Conc: 18.82 ug/ml



#12 N-OCTACOSANE

R.T.: 17.227 min
Delta R.T.: -0.014 min
Response: 2981083
Conc: 21.29 ug/ml



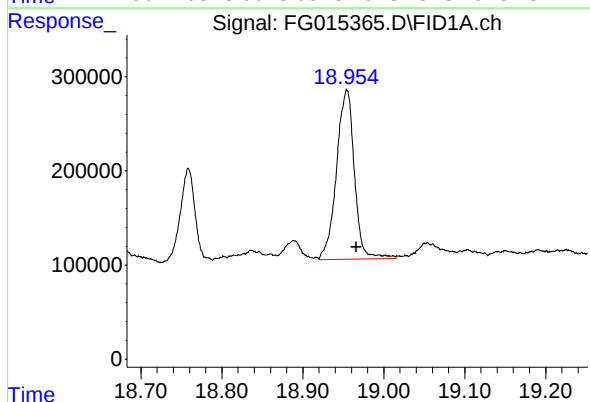
#13 N-TRIACONTANE

R.T.: 18.118 min
Delta R.T.: -0.013 min
Response: 2557195
Conc: 17.97 ug/ml

Instrument :
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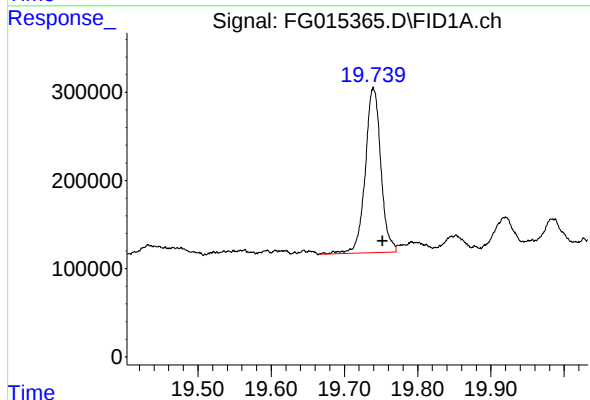
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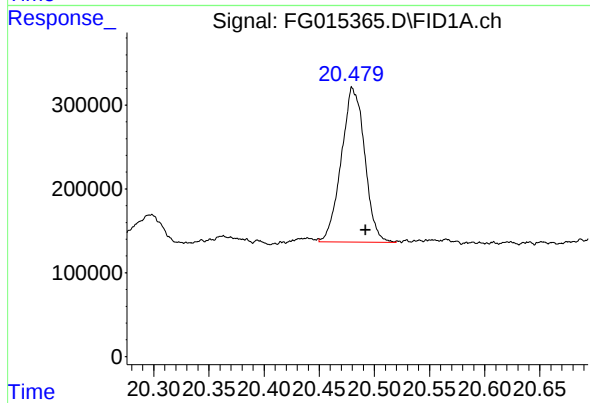
#14 N-DOTRIACONTANE

R.T.: 18.954 min
Delta R.T.: -0.011 min
Response: 2765843
Conc: 19.90 ug/ml



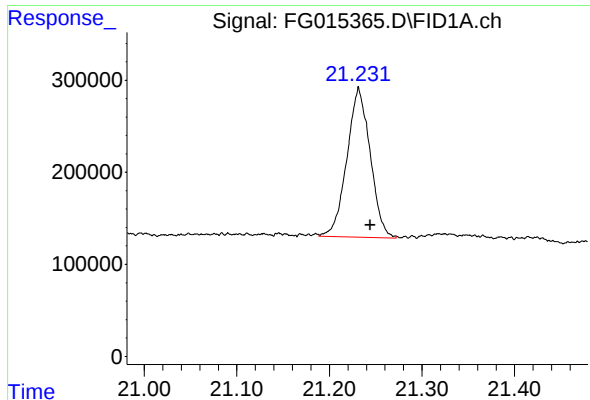
#15 N-TETRATRIACONTANE

R.T.: 19.740 min
Delta R.T.: -0.013 min
Response: 2761969
Conc: 22.04 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.479 min
Delta R.T.: -0.013 min
Response: 2715815
Conc: 25.13 ug/ml m



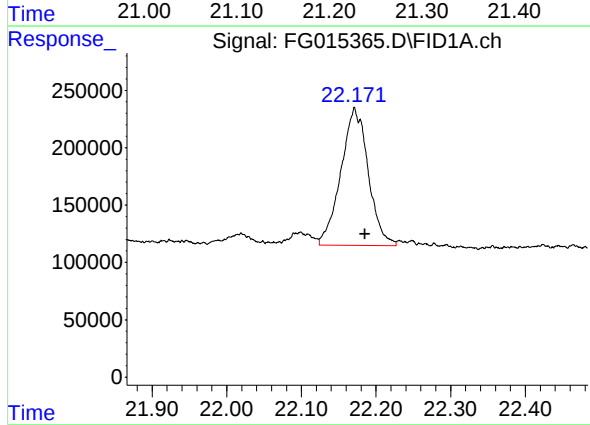
#17 N-OCTATRIACONTANE

R.T.: 21.231 min
Delta R.T.: -0.013 min
Response: 2829456
Conc: 28.68 ug/ml

Instrument :
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#18 N-TETRACONTANE

R.T.: 22.171 min
Delta R.T.: -0.014 min
Response: 3052346
Conc: 32.87 ug/ml