

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120624\
 Data File : FG014925.D
 Signal(s) : FID1A.ch
 Acq On : 06 Dec 2024 10:50
 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 12/09/2024
 Supervised By :Ankita Jodhani 12/09/2024

Integration File: Sample.e
 Quant Time: Dec 06 22:00:25 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG112024.M
 Quant Title :
 QLast Update : Thu Nov 21 02:41:43 2024
 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	5248752	45.484 ug/ml
Target Compounds			
1) N-OCTANE	2.052	5537513	41.764 ug/ml
2) N-DECANE	4.566	6147118	46.066 ug/ml
3) N-DODECANE	6.739	6191371	44.997 ug/ml
4) N-TETRADECANE	8.571	6182364	46.374 ug/ml
5) N-HEXADECANE	10.182	6141739	45.633 ug/ml
6) N-OCTADECANE	11.629	6193567	45.114 ug/ml
7) N-EICOSANE	12.941	6179450	46.631 ug/ml
8) N-DOCOSANE	14.142	5898419	45.717 ug/ml
10) N-TETRACOSANE	15.247	5773619	45.591 ug/ml
11) N-HEXACOSANE	16.269	5621581	45.691 ug/ml
12) N-OCTACOSANE	17.221	5523860	45.659 ug/mlm
13) N-TRIACONTANE	18.109	5615853	46.835 ug/ml
14) N-DOTRIACONTANE	18.941	5470671	47.032 ug/ml
15) N-TETRATRIACONTANE	19.726	5052909	50.097 ug/ml
16) N-HEXATRIACONTANE	20.466	4403166	54.297 ug/ml
17) N-OCTATRIACONTANE	21.214	3785413	54.810 ug/ml
18) N-TETRACONTANE	22.148	3108409	50.388 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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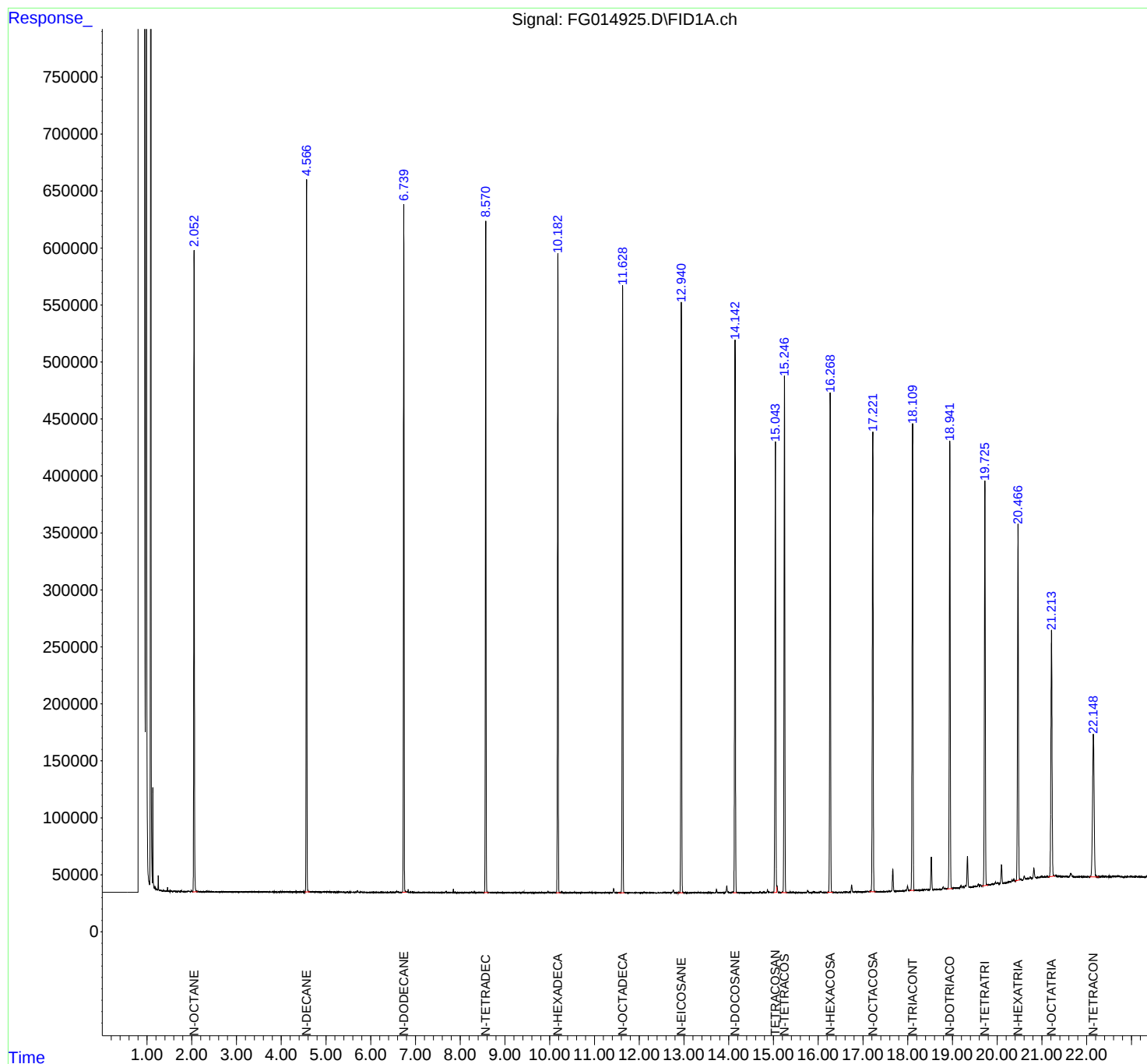
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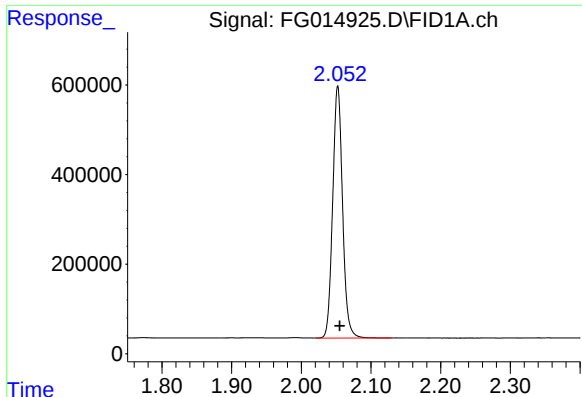
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Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 2.052 min
Delta R.T.: -0.003 min
Response: 5537513
Conc: 41.76 ug/ml

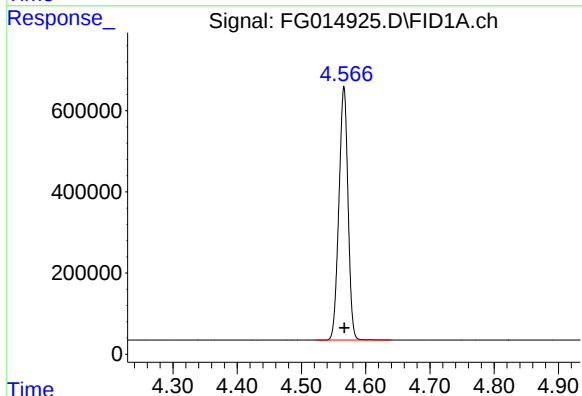
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

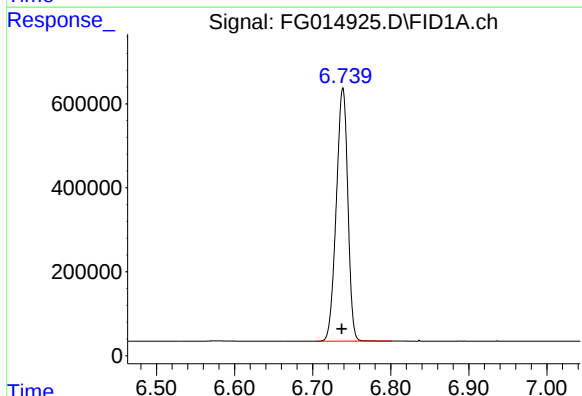
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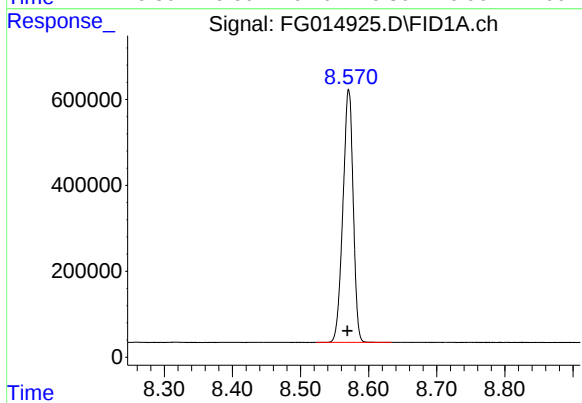
#2 N-DECANE

R.T.: 4.566 min
Delta R.T.: 0.000 min
Response: 6147118
Conc: 46.07 ug/ml



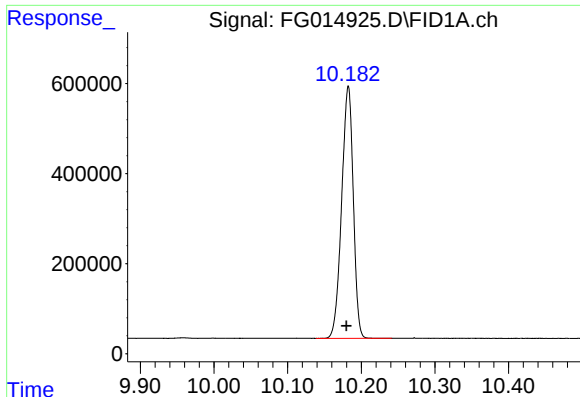
#3 N-DODECANE

R.T.: 6.739 min
Delta R.T.: 0.001 min
Response: 6191371
Conc: 45.00 ug/ml



#4 N-TETRADECANE

R.T.: 8.571 min
Delta R.T.: 0.002 min
Response: 6182364
Conc: 46.37 ug/ml



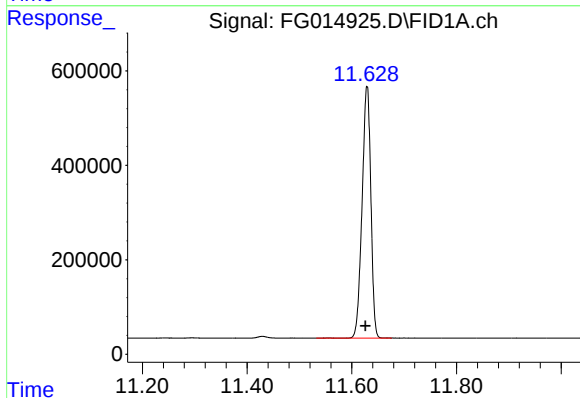
#5 N-HEXADECANE

R.T.: 10.182 min
Delta R.T.: 0.003 min
Response: 6141739
Conc: 45.63 ug/ml

Instrument :
FID_G
ClientSampleId :
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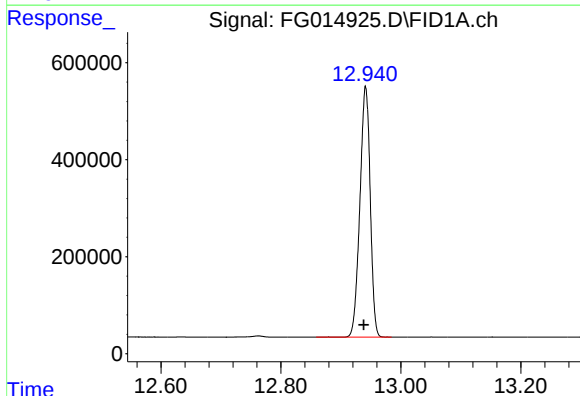
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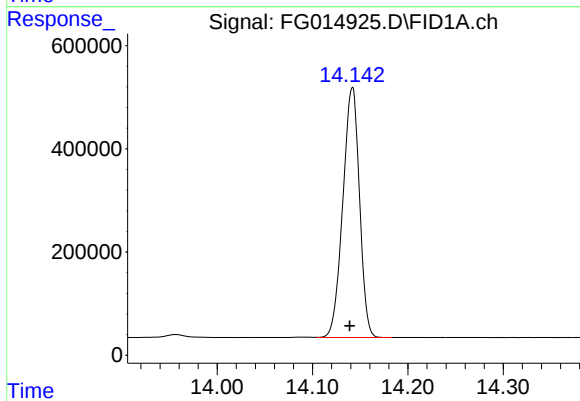
#6 N-OCTADECANE

R.T.: 11.629 min
Delta R.T.: 0.003 min
Response: 6193567
Conc: 45.11 ug/ml



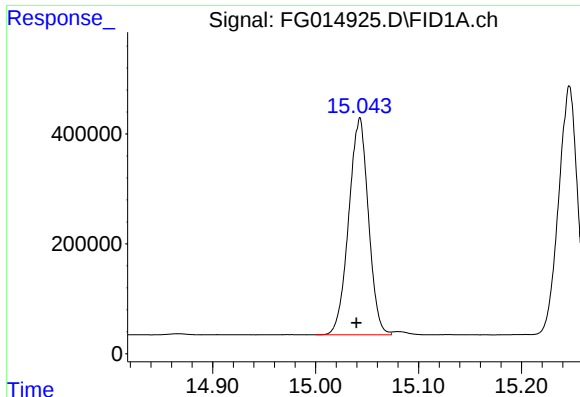
#7 N-EICOSANE

R.T.: 12.941 min
Delta R.T.: 0.003 min
Response: 6179450
Conc: 46.63 ug/ml



#8 N-DOCOSANE

R.T.: 14.142 min
Delta R.T.: 0.003 min
Response: 5898419
Conc: 45.72 ug/ml



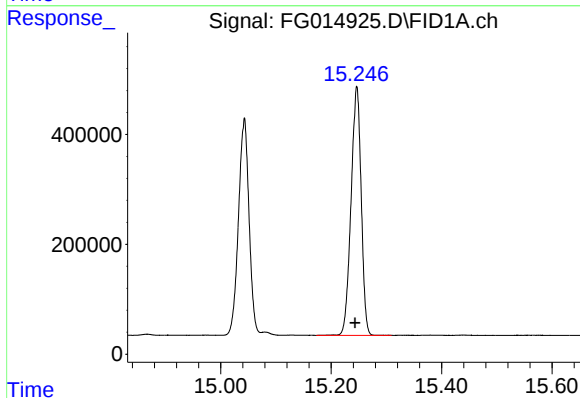
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.043 min
Delta R.T.: 0.004 min
Response: 5248752
Conc: 45.48 ug/ml

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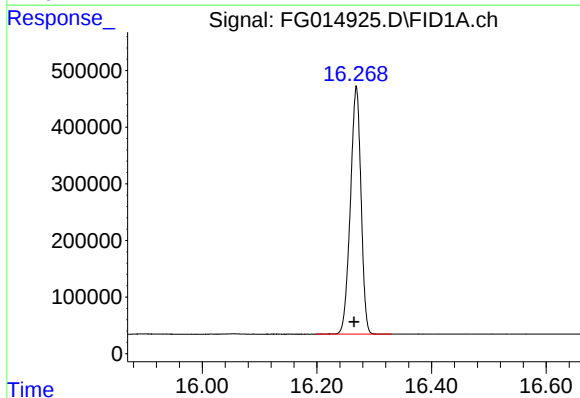
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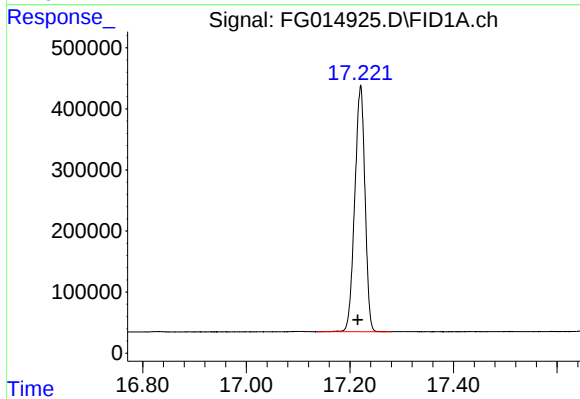
#10 N-TETRACOSANE

R.T.: 15.247 min
Delta R.T.: 0.003 min
Response: 5773619
Conc: 45.59 ug/ml



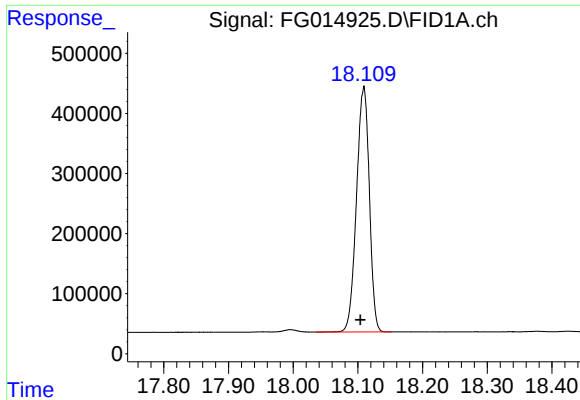
#11 N-HEXACOSANE

R.T.: 16.269 min
Delta R.T.: 0.004 min
Response: 5621581
Conc: 45.69 ug/ml



#12 N-OCTACOSANE

R.T.: 17.221 min
Delta R.T.: 0.005 min
Response: 5523860
Conc: 45.66 ug/ml m



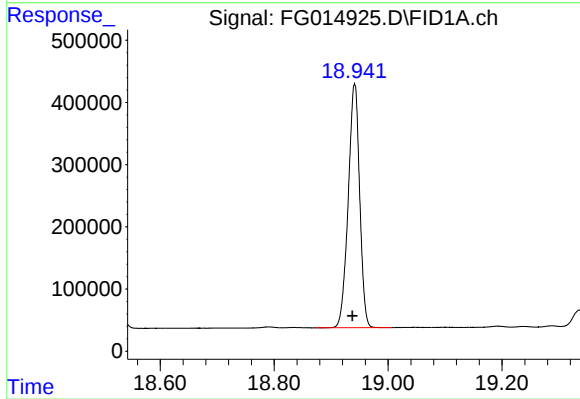
#13 N-TRIACONTANE

R.T.: 18.109 min
Delta R.T.: 0.005 min
Response: 5615853
Conc: 46.83 ug/ml

Instrument :
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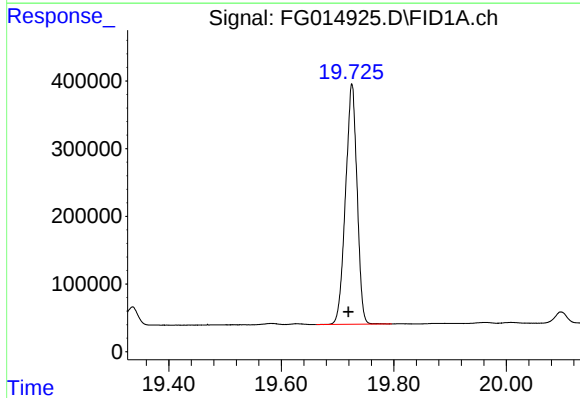
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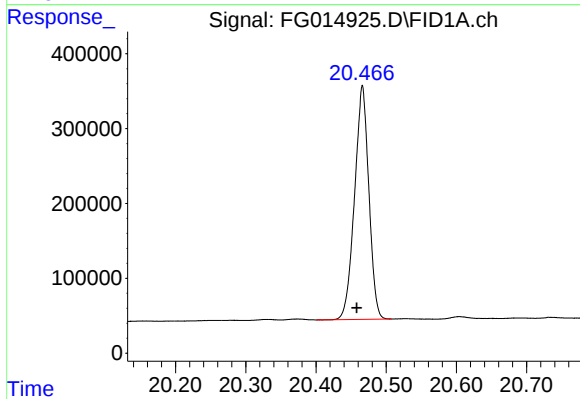
#14 N-DOTRIACONTANE

R.T.: 18.941 min
Delta R.T.: 0.004 min
Response: 5470671
Conc: 47.03 ug/ml



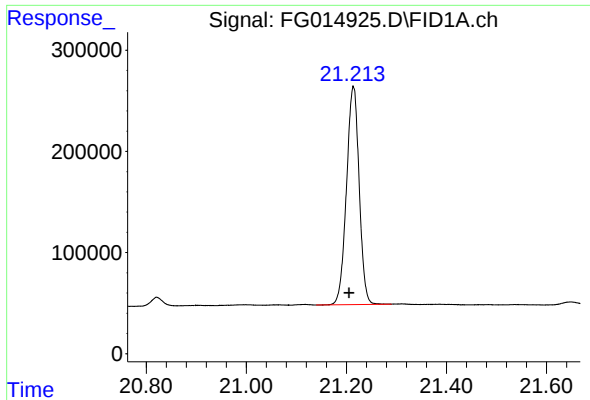
#15 N-TETRATRIACONTANE

R.T.: 19.726 min
Delta R.T.: 0.006 min
Response: 5052909
Conc: 50.10 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.466 min
Delta R.T.: 0.008 min
Response: 4403166
Conc: 54.30 ug/ml



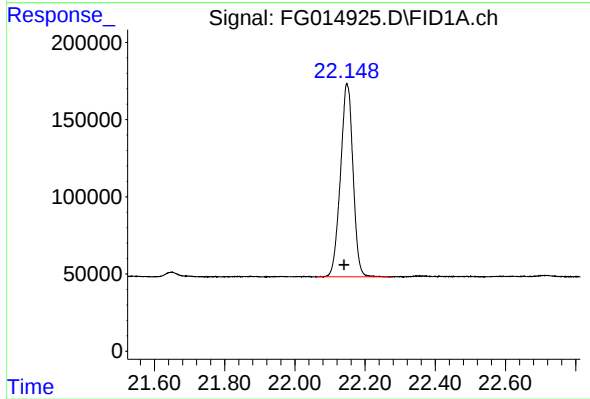
#17 N-OCTATRIACONTANE

R.T.: 21.214 min
Delta R.T.: 0.008 min
Response: 3785413
Conc: 54.81 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.148 min
Delta R.T.: 0.008 min
Response: 3108409
Conc: 50.39 ug/ml