

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG053124\
 Data File : FG013856.D
 Signal(s) : FID1A.ch
 Acq On : 31 May 2024 16:14
 Operator : YP\AJ
 Sample : P2666-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WASTEMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/03/2024
 Supervised By :Ankita Jodhani 06/03/2024

Integration File: autoint1.e
 Quant Time: Jun 01 01:25:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG052824.M
 Quant Title :
 QLast Update : Tue May 28 12:12:14 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...	14.971	1481783	13.446 ug/ml
Target Compounds			
1) N-OCTANE	1.984	1539583	12.816 ug/ml
2) N-DECANE	4.492	1951134	16.036 ug/ml
3) N-DODECANE	6.664	2120080	17.069 ug/ml
4) N-TETRADECANE	8.496	2250859	17.658 ug/ml
5) N-HEXADECANE	10.108	2266520	17.750 ug/ml
6) N-OCTADECANE	11.554	2471603	19.189 ug/ml
7) N-EICOSANE	12.867	2351796	18.222 ug/ml
8) N-DOCOSANE	14.069	2296062	18.430 ug/ml
10) N-TETRACOSANE	15.175	2261223	18.333 ug/ml
11) N-HEXACOSANE	16.199	2260472	18.612 ug/ml
12) N-OCTACOSANE	17.152	2266310	19.125 ug/ml
13) N-TRIACONTANE	18.041	2362917	20.119 ug/ml
14) N-DOTRIACONTANE	18.877	2558647	22.762 ug/mlm
15) N-TETRATRIACONTANE	19.662	2504236	24.351 ug/ml
16) N-HEXATRIACONTANE	20.405	2611421	29.337 ug/mlm
17) N-OCTATRIACONTANE	21.142	2787447	35.411 ug/ml
18) N-TETRACONTANE	22.051	2810547	43.039 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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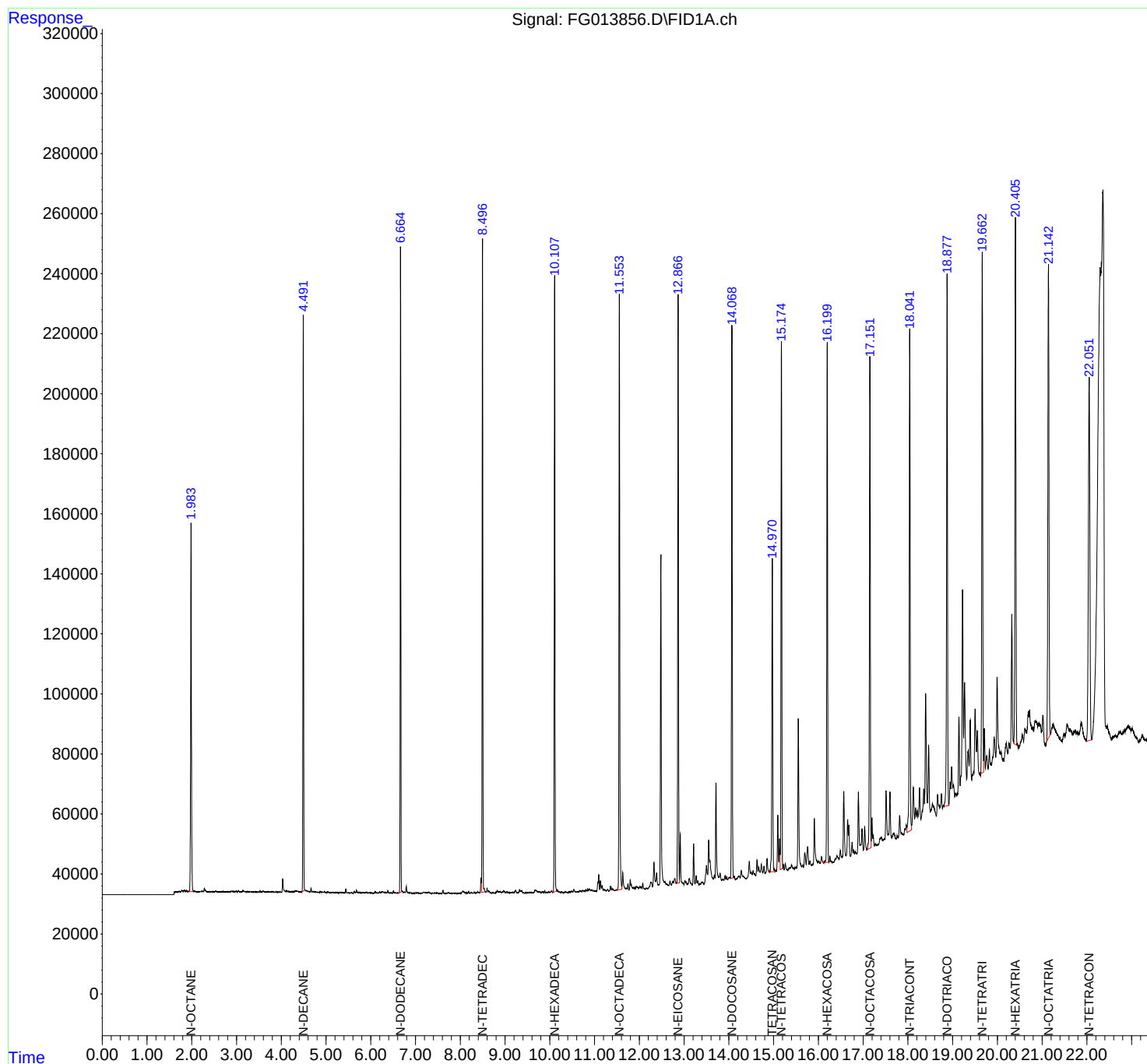
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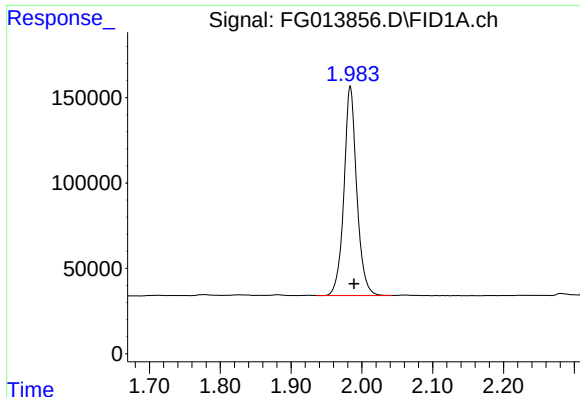
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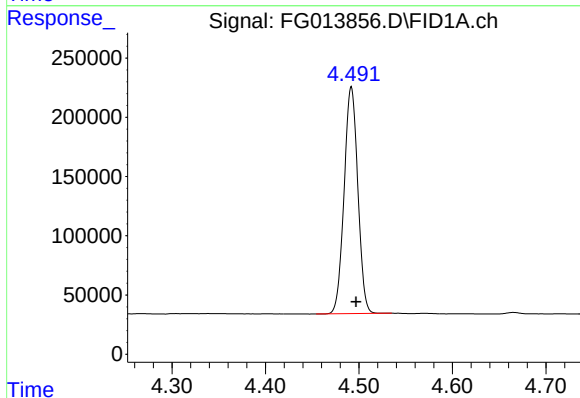
#1 N-OCTANE

R.T.: 1.984 min
Delta R.T.: -0.005 min
Response: 1539583
Conc: 12.82 ug/ml

Instrument :
FID_G
ClientSampleId :
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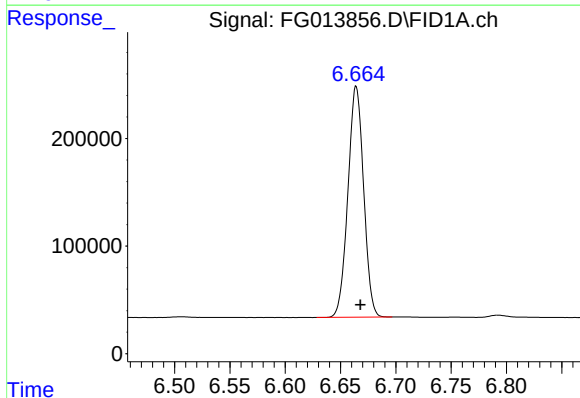
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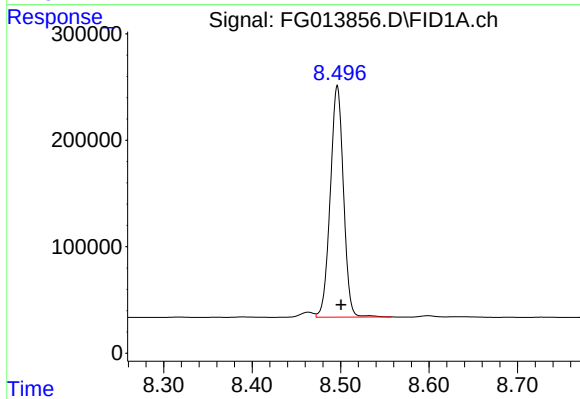
#2 N-DECANE

R.T.: 4.492 min
Delta R.T.: -0.005 min
Response: 1951134
Conc: 16.04 ug/ml



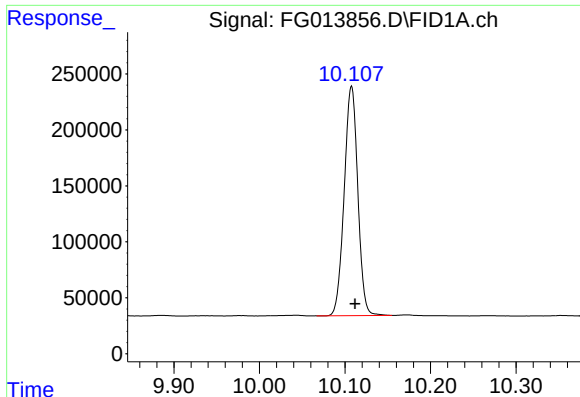
#3 N-DODECANE

R.T.: 6.664 min
Delta R.T.: -0.004 min
Response: 2120080
Conc: 17.07 ug/ml



#4 N-TETRADECANE

R.T.: 8.496 min
Delta R.T.: -0.004 min
Response: 2250859
Conc: 17.66 ug/ml



#5 N-HEXADECANE

R.T.: 10.108 min
Delta R.T.: -0.004 min
Response: 2266520
Conc: 17.75 ug/ml

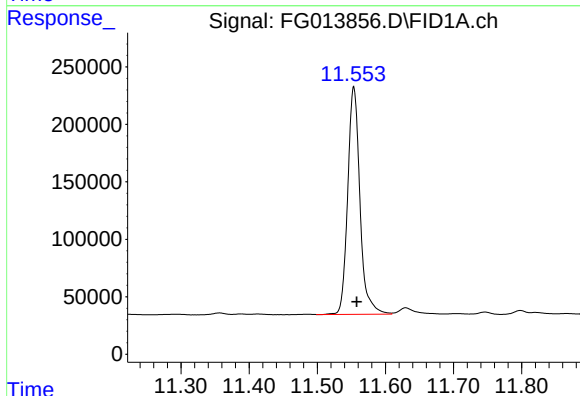
Instrument :

FID_G

ClientSampleId :
WASTEMS

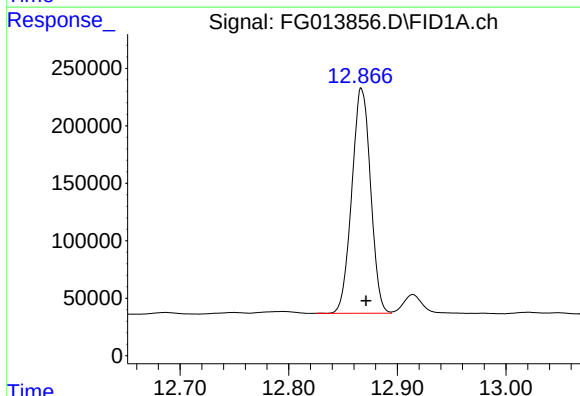
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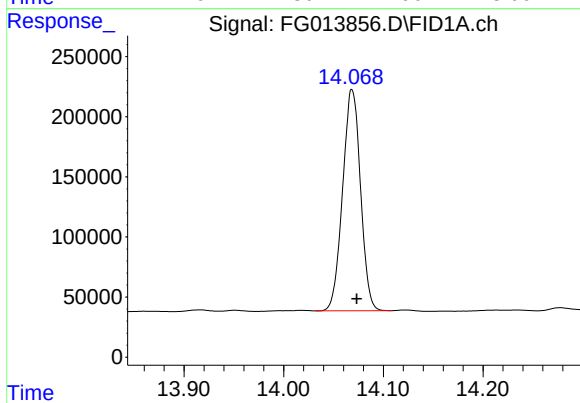
#6 N-OCTADECANE

R.T.: 11.554 min
Delta R.T.: -0.004 min
Response: 2471603
Conc: 19.19 ug/ml



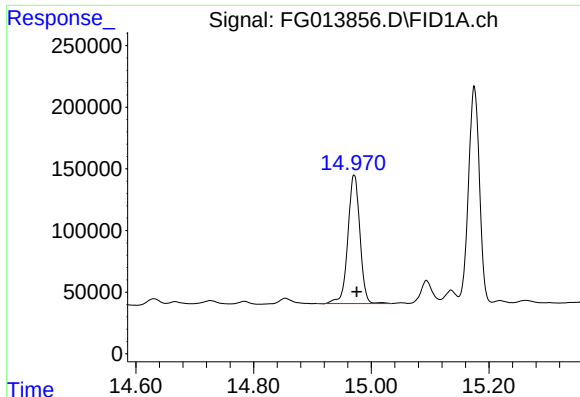
#7 N-EICOSANE

R.T.: 12.867 min
Delta R.T.: -0.004 min
Response: 2351796
Conc: 18.22 ug/ml



#8 N-DOCOSANE

R.T.: 14.069 min
Delta R.T.: -0.005 min
Response: 2296062
Conc: 18.43 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.971 min
Delta R.T.: -0.004 min
Response: 1481783
Conc: 13.45 ug/ml

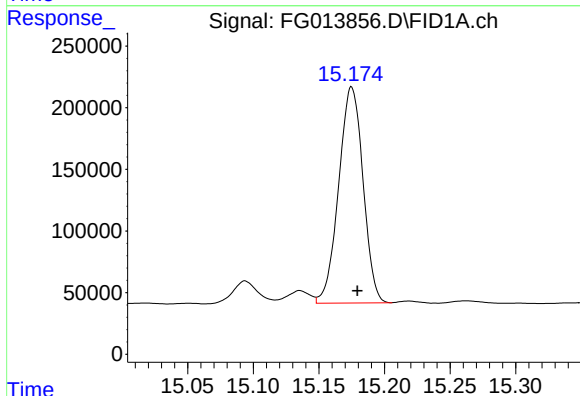
Instrument :

FID_G

ClientSampleId :
WASTEMS

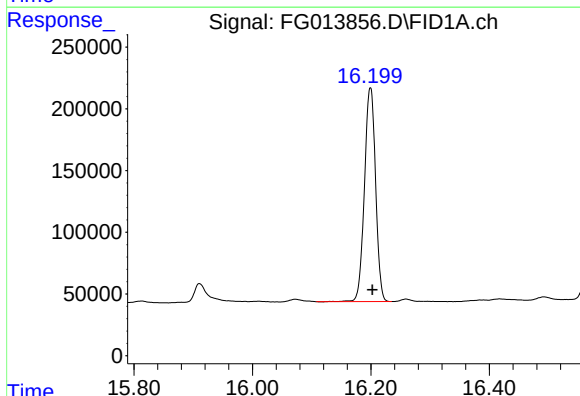
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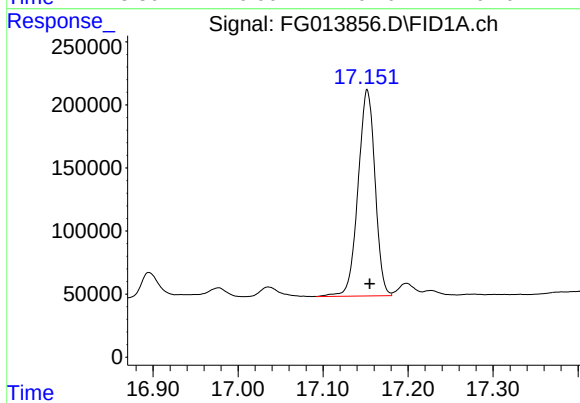
#10 N-TETRACOSANE

R.T.: 15.175 min
Delta R.T.: -0.004 min
Response: 2261223
Conc: 18.33 ug/ml



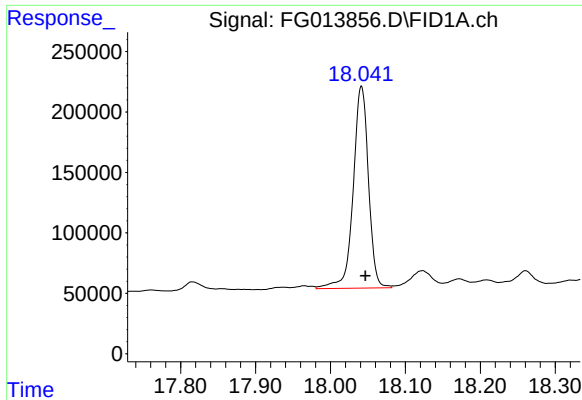
#11 N-HEXACOSANE

R.T.: 16.199 min
Delta R.T.: -0.003 min
Response: 2260472
Conc: 18.61 ug/ml



#12 N-OCTACOSANE

R.T.: 17.152 min
Delta R.T.: -0.003 min
Response: 2266310
Conc: 19.13 ug/ml



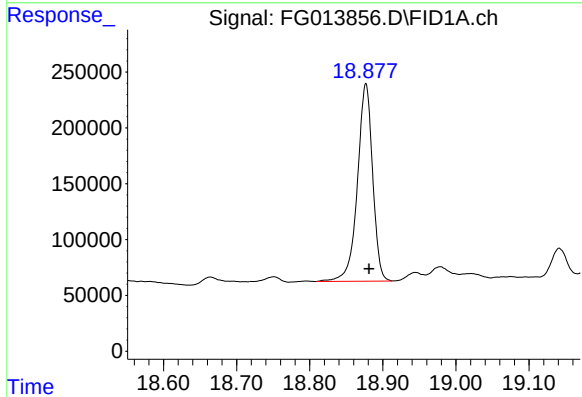
#13 N-TRIACONTANE

R.T.: 18.041 min
Delta R.T.: -0.005 min
Response: 2362917
Conc: 20.12 ug/ml

Instrument :
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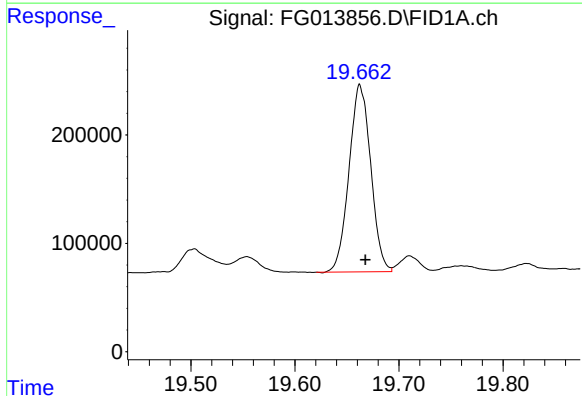
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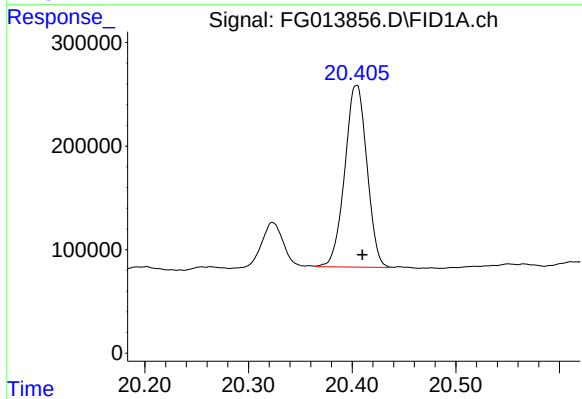
#14 N-DOTRIACONTANE

R.T.: 18.877 min
Delta R.T.: -0.005 min
Response: 2558647
Conc: 22.76 ug/ml m



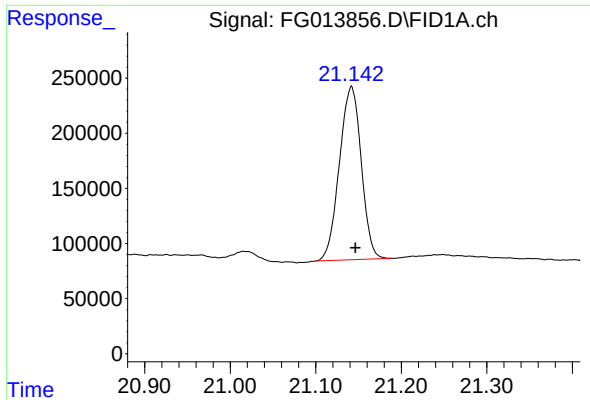
#15 N-TETRATRIACONTANE

R.T.: 19.662 min
Delta R.T.: -0.005 min
Response: 2504236
Conc: 24.35 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.405 min
Delta R.T.: -0.005 min
Response: 2611421
Conc: 29.34 ug/ml m



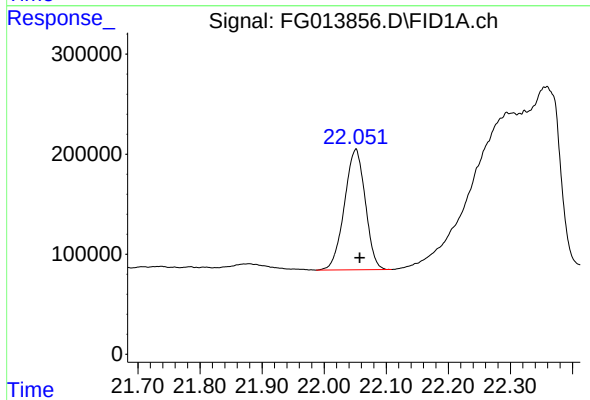
#17 N-OCTATRIACONTANE

R.T.: 21.142 min
Delta R.T.: -0.004 min
Response: 2787447
Conc: 35.41 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.051 min
Delta R.T.: -0.006 min
Response: 2810547
Conc: 43.04 ug/ml