

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051324\
 Data File : FG013836.D
 Signal(s) : FID1A.ch
 Acq On : 13 May 2024 19:48
 Operator : YP\AJ
 Sample : PB160886BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB160886BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/14/2024
 Supervised By :Ankita Jodhani 05/14/2024

Integration File: autoint1.e
 Quant Time: May 14 04:06:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG050924.M
 Quant Title :
 QLast Update : Thu May 09 14:35:12 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...	15.031	2336198	20.053 ug/ml
Target Compounds			
1) N-OCTANE	2.029	2061592	16.665 ug/ml
2) N-DECANE	4.547	2499979	19.732 ug/ml
3) N-DODECANE	6.718	2645104	20.529 ug/mlm
4) N-TETRADECANE	8.551	2741703	20.845 ug/ml
5) N-HEXADECANE	10.164	2807346	21.060 ug/ml
6) N-OCTADECANE	11.611	2885619	21.186 ug/ml
7) N-EICOSANE	12.926	2915048	21.162 ug/ml
8) N-DOCOSANE	14.128	2820146	21.264 ug/ml
10) N-TETRACOSANE	15.236	2811986	21.305 ug/ml
11) N-HEXACOSANE	16.260	2772681	21.353 ug/ml
12) N-OCTACOSANE	17.212	2686582	21.171 ug/mlm
13) N-TRIACONTANE	18.103	2697510	21.249 ug/mlm
14) N-DOTRIACONTANE	18.937	2720523	21.379 ug/mlm
15) N-TETRATRIACONTANE	19.724	2918553	24.984 ug/mlm
16) N-HEXATRIACONTANE	20.467	3048172	27.663 ug/mlm
17) N-OCTATRIACONTANE	21.213	3131052	31.391 ug/mlm
18) N-TETRACONTANE	22.145	3085950	31.252 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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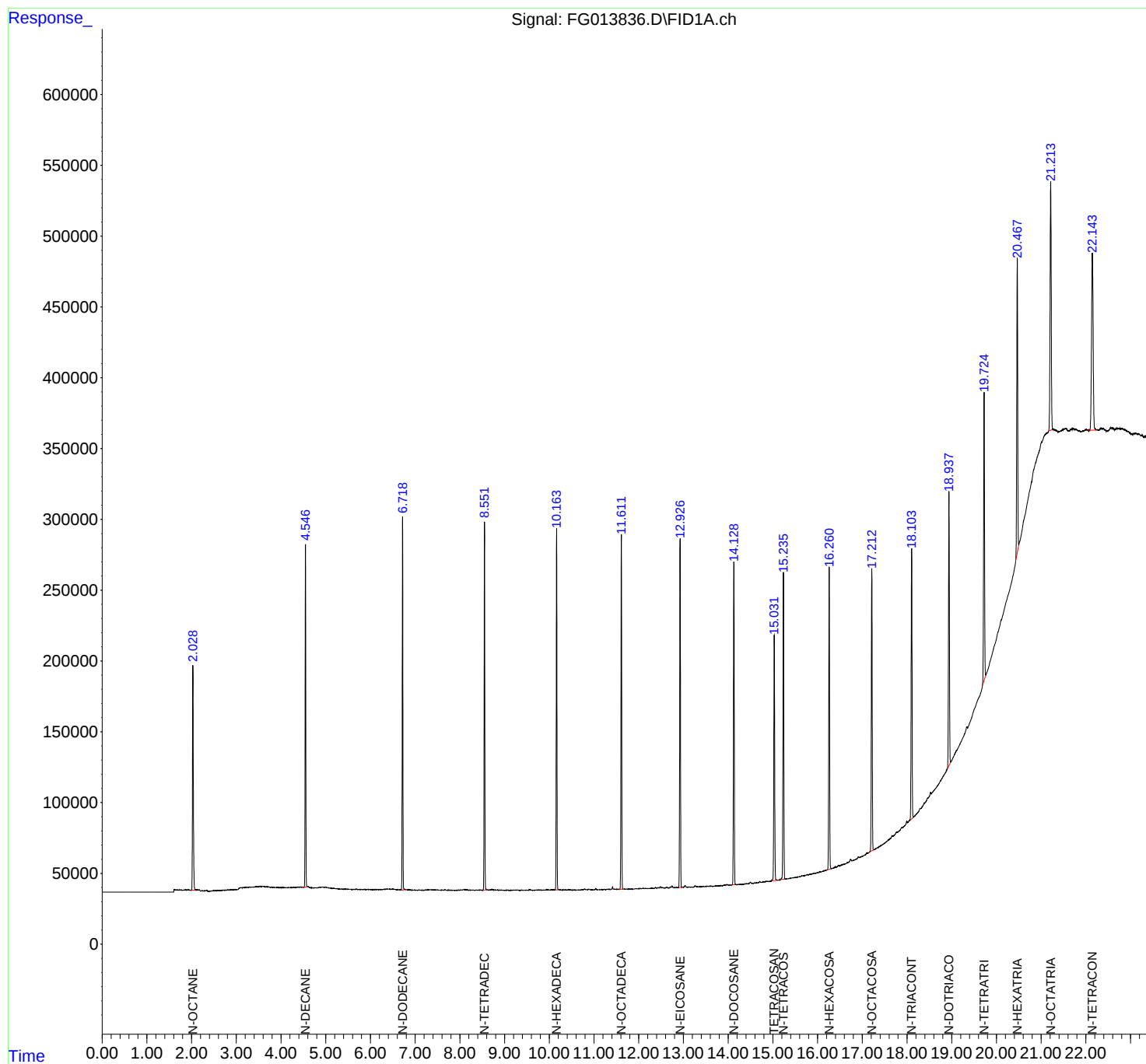
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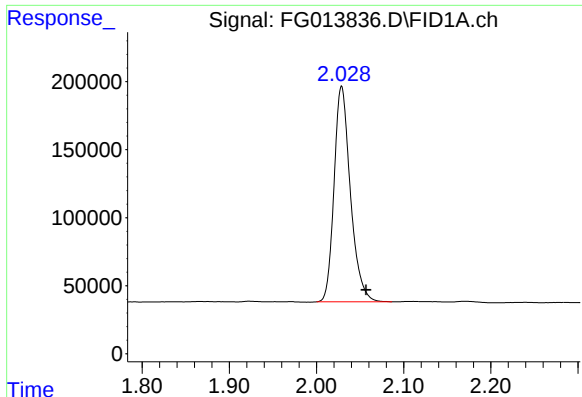
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 2.029 min
Delta R.T.: -0.028 min
Response: 2061592
Conc: 16.66 ug/ml

Instrument :

FID_G

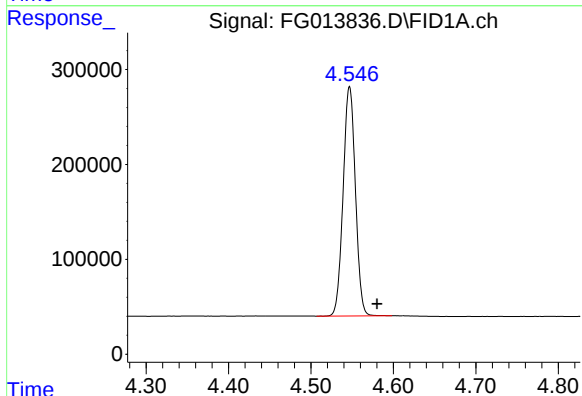
ClientSampleId :

PB160886BS

Manual Integrations

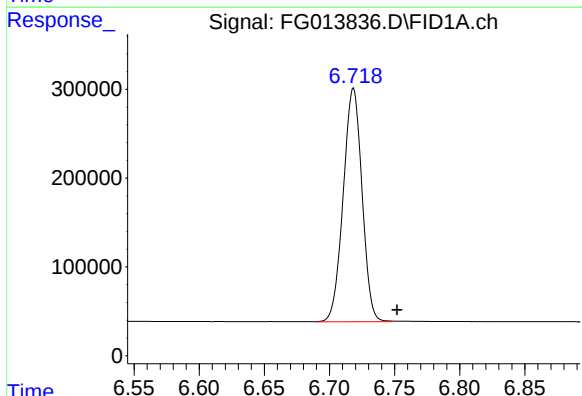
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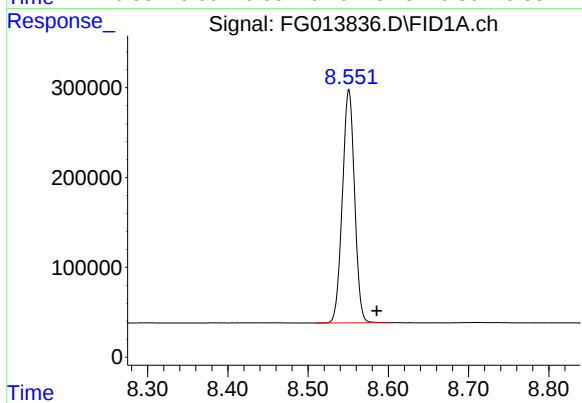
#2 N-DECANE

R.T.: 4.547 min
Delta R.T.: -0.033 min
Response: 2499979
Conc: 19.73 ug/ml



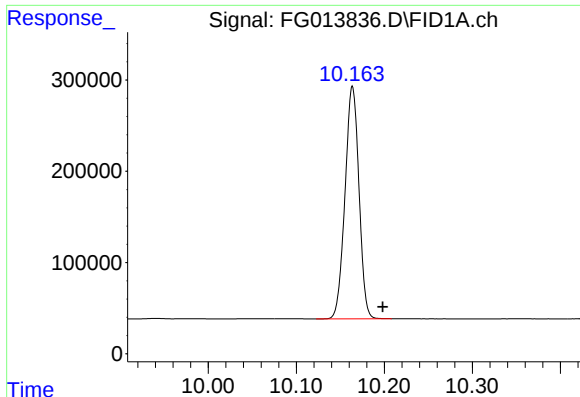
#3 N-DODECANE

R.T.: 6.718 min
Delta R.T.: -0.034 min
Response: 2645104
Conc: 20.53 ug/ml m



#4 N-TETRADECANE

R.T.: 8.551 min
Delta R.T.: -0.035 min
Response: 2741703
Conc: 20.85 ug/ml



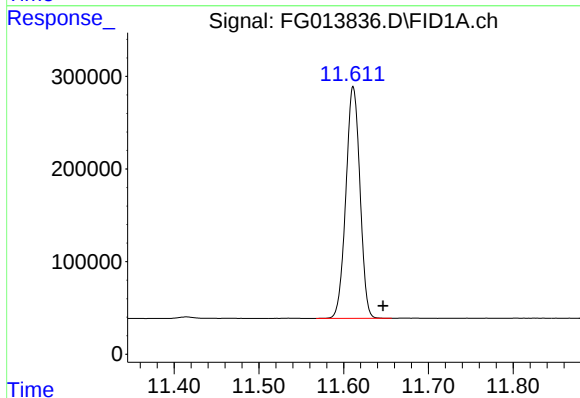
#5 N-HEXADECANE

R.T.: 10.164 min
Delta R.T.: -0.034 min
Response: 2807346
Conc: 21.06 ug/ml

Instrument :
FID_G
ClientSampleId :
PB160886BS

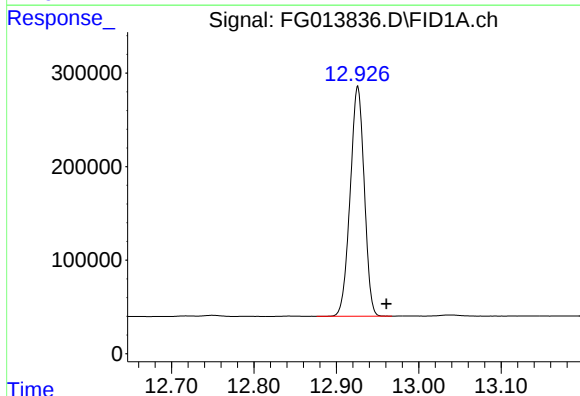
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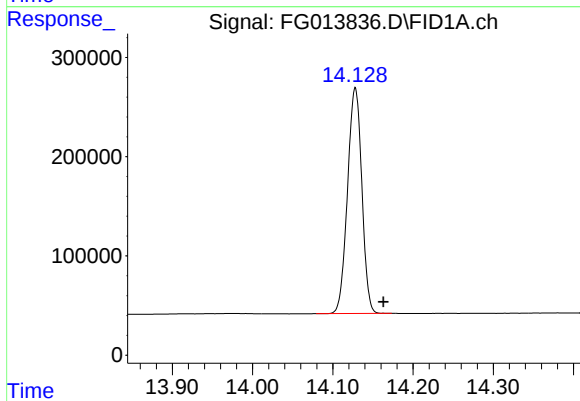
#6 N-OCTADECANE

R.T.: 11.611 min
Delta R.T.: -0.035 min
Response: 2885619
Conc: 21.19 ug/ml



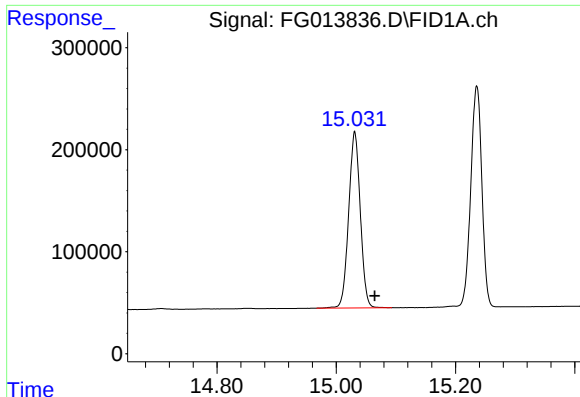
#7 N-EICOSANE

R.T.: 12.926 min
Delta R.T.: -0.035 min
Response: 2915048
Conc: 21.16 ug/ml



#8 N-DOCOSANE

R.T.: 14.128 min
Delta R.T.: -0.035 min
Response: 2820146
Conc: 21.26 ug/ml



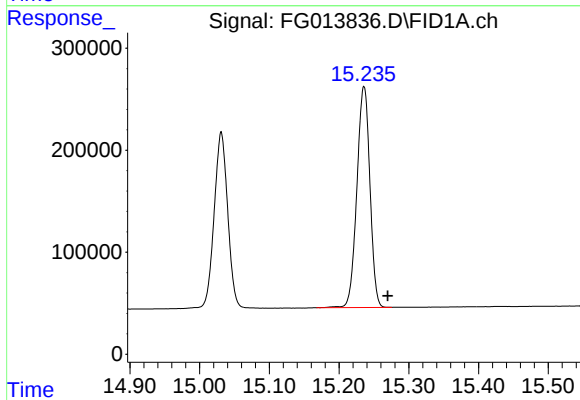
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.031 min
Delta R.T.: -0.034 min
Response: 2336198
Conc: 20.05 ug/ml

Instrument :
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ClientSampleId :
PB160886BS

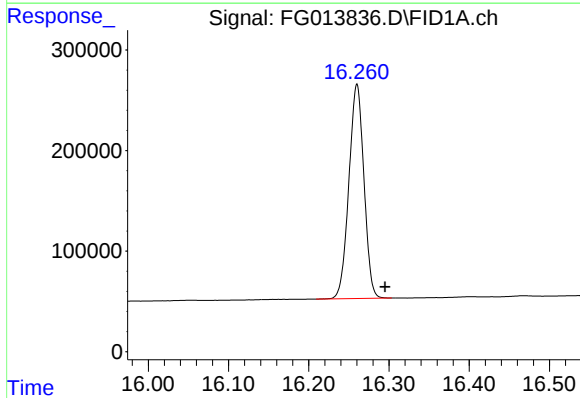
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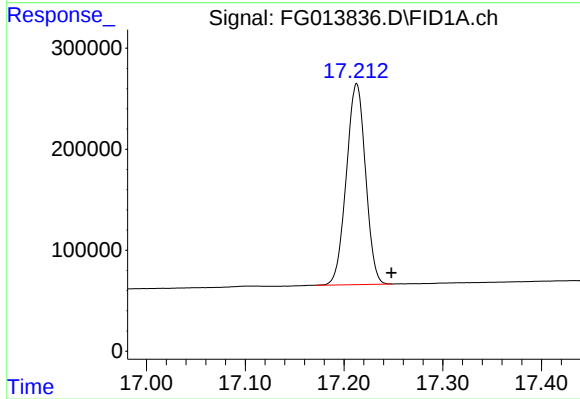
#10 N-TETRACOSANE

R.T.: 15.236 min
Delta R.T.: -0.034 min
Response: 2811986
Conc: 21.31 ug/ml



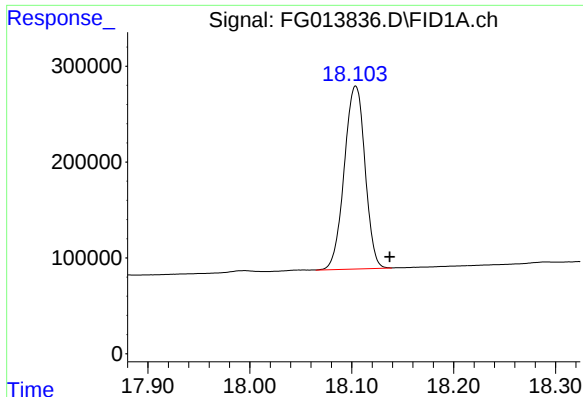
#11 N-HEXACOSANE

R.T.: 16.260 min
Delta R.T.: -0.035 min
Response: 2772681
Conc: 21.35 ug/ml



#12 N-OCTACOSANE

R.T.: 17.212 min
Delta R.T.: -0.036 min
Response: 2686582
Conc: 21.17 ug/ml m



#13 N-TRIACONTANE

R.T.: 18.103 min
Delta R.T.: -0.034 min
Response: 2697510
Conc: 21.25 ug/ml

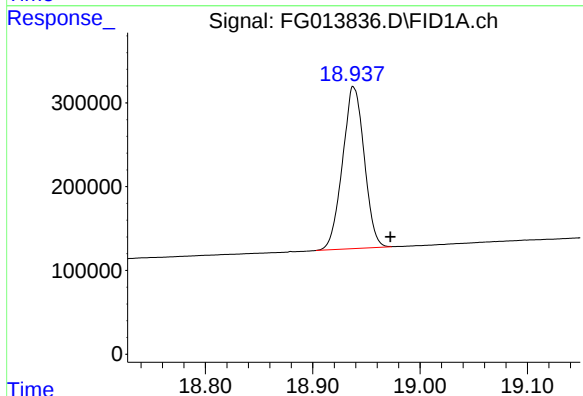
Instrument :

FID_G

ClientSampleId :
PB160886BS

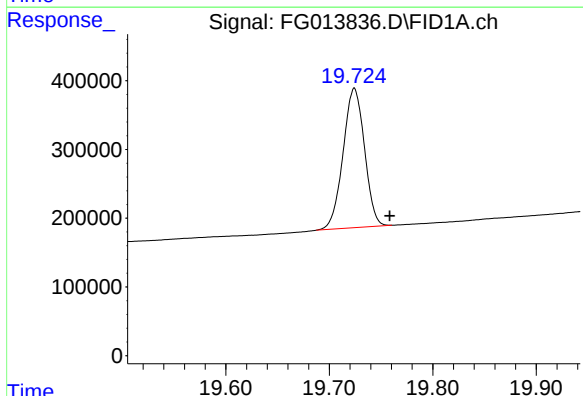
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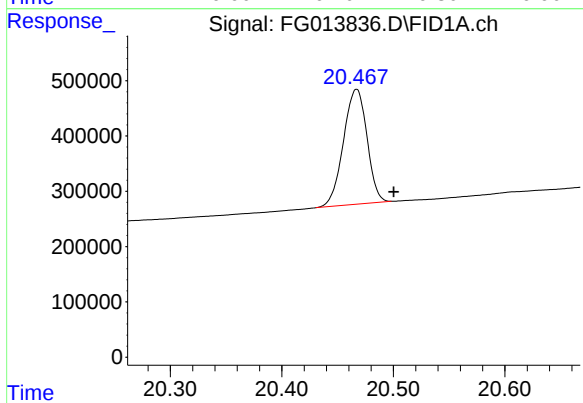
#14 N-DOTRIACONTANE

R.T.: 18.937 min
Delta R.T.: -0.035 min
Response: 2720523
Conc: 21.38 ug/ml m



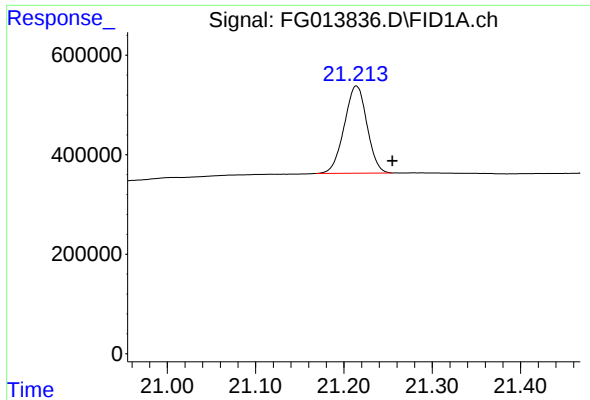
#15 N-TETRATRIACONTANE

R.T.: 19.724 min
Delta R.T.: -0.035 min
Response: 2918553
Conc: 24.98 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.467 min
Delta R.T.: -0.034 min
Response: 3048172
Conc: 27.66 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 21.213 min
Delta R.T.: -0.041 min
Response: 3131052
Conc: 31.39 ug/ml

Instrument :

FID_G

ClientSampleId :

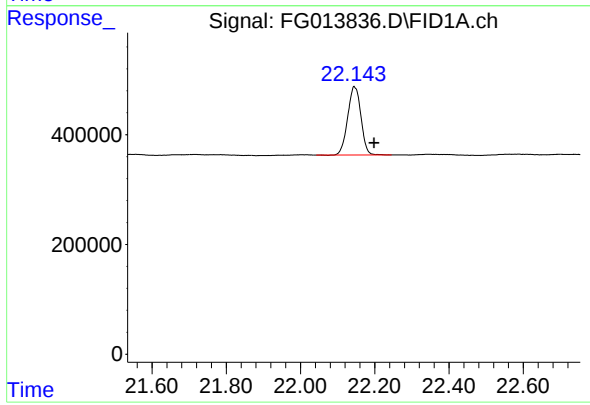
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#18 N-TETRACONTANE

R.T.: 22.145 min
Delta R.T.: -0.053 min
Response: 3085950
Conc: 31.25 ug/ml