

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090525\
 Data File : FG016559.D
 Signal(s) : FID1A.ch
 Acq On : 05 Sep 2025 11:54
 Operator : YP\AJ
 Sample : 5 TRPH STD
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/08/2025
 Supervised By :mohammad ahmed 09/09/2025

Integration File: autoint1.e
 Quant Time: Sep 06 04:03:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG090525.M
 Quant Title :
 QLast Update : Sat Sep 06 04:01:58 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...	15.184	582176	5.580 ug/ml
Target Compounds			
1) N-OCTANE	2.105	631312	5.584 ug/ml
2) N-DECANE	4.652	636369	5.416 ug/ml
3) N-DODECANE	6.835	625889	5.215 ug/ml
4) N-TETRADECANE	8.676	639998	5.309 ug/ml
5) N-HEXADECANE	10.296	656383	5.421 ug/ml
6) N-OCTADECANE	11.750	678720	5.496 ug/ml
7) N-EICOSANE	13.070	683652	5.536 ug/ml
8) N-DOCOSANE	14.278	665765	5.584 ug/ml
10) N-TETRACOSANE	15.389	666938	5.675 ug/ml
11) N-HEXACOSANE	16.418	657520	5.727 ug/ml
12) N-OCTACOSANE	17.375	672338	6.033 ug/ml
13) N-TRIACONTANE	18.270	755290	6.894 ug/ml
14) N-DOTRIACONTANE	19.108	804635	7.899 ug/ml
15) N-TETRATRIACONTANE	19.896	688859	8.042 ug/ml
16) N-HEXATRIACONTANE	20.641	528880	7.578 ug/mlm
17) N-OCTATRIACONTANE	21.428	426351	6.992 ug/ml
18) N-TETRACONTANE	22.430	378311	6.430 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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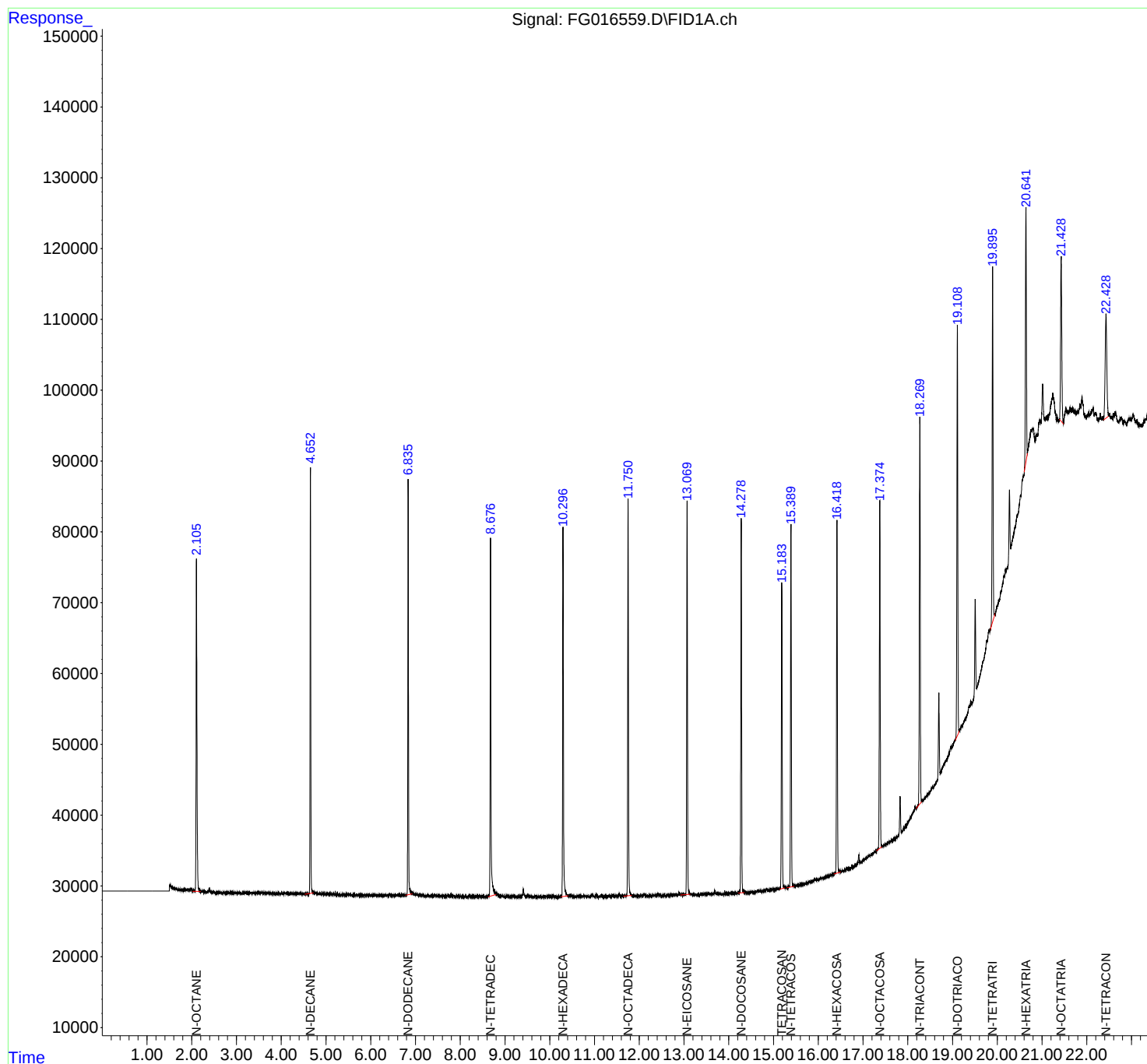
Instrument :
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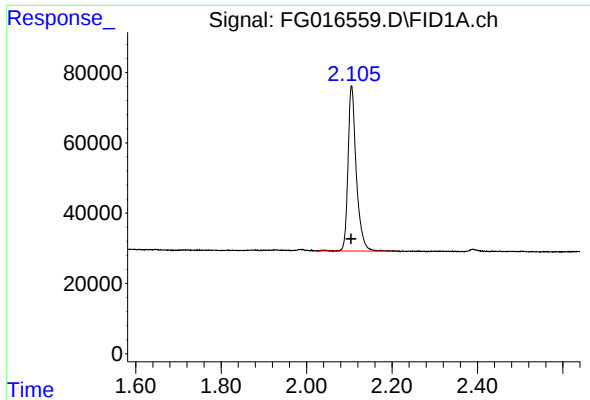
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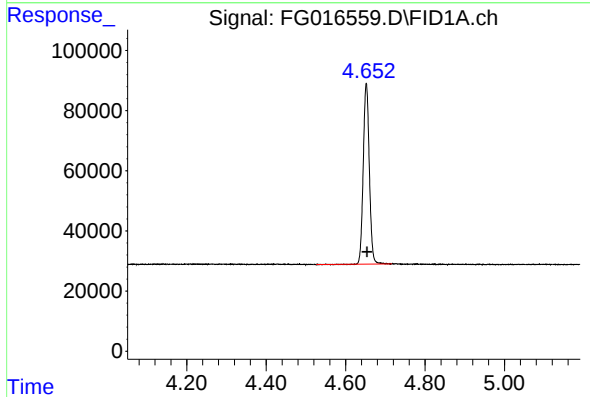
#1 N-OCTANE

R.T.: 2.105 min
Delta R.T.: 0.001 min
Response: 631312
Conc: 5.58 ug/ml

Instrument :
FID_G
ClientSampleId :
5 TRPH STD

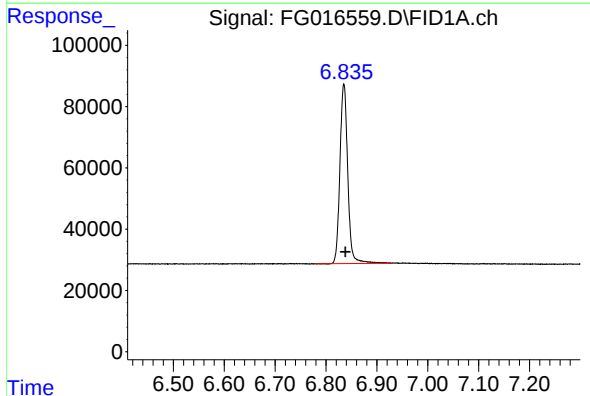
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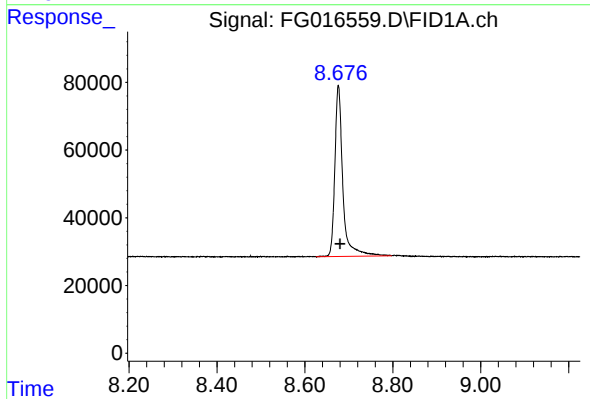
#2 N-DECANE

R.T.: 4.652 min
Delta R.T.: -0.002 min
Response: 636369
Conc: 5.42 ug/ml



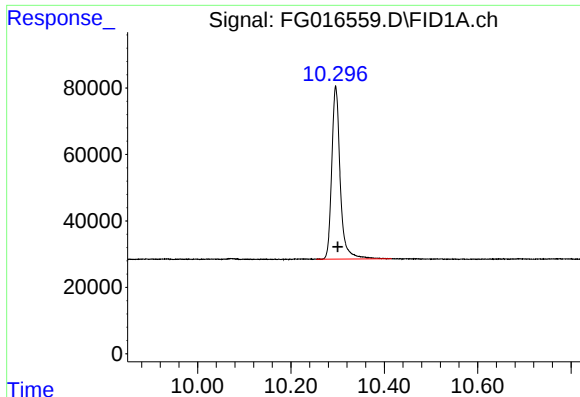
#3 N-DODECANE

R.T.: 6.835 min
Delta R.T.: -0.003 min
Response: 625889
Conc: 5.22 ug/ml



#4 N-TETRADECANE

R.T.: 8.676 min
Delta R.T.: -0.004 min
Response: 639998
Conc: 5.31 ug/ml



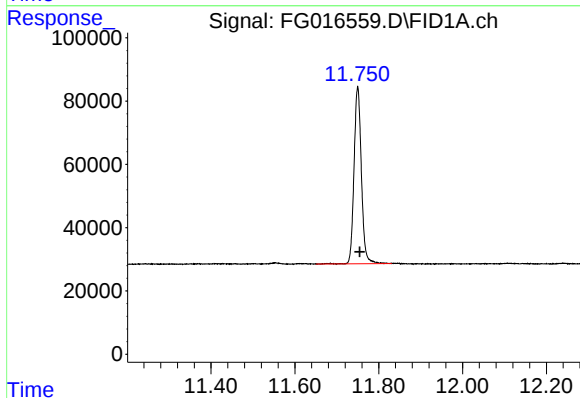
#5 N-HEXADECANE

R.T.: 10.296 min
Delta R.T.: -0.004 min
Response: 656383
Conc: 5.42 ug/ml

Instrument :
FID_G
ClientSampleId :
5 TRPH STD

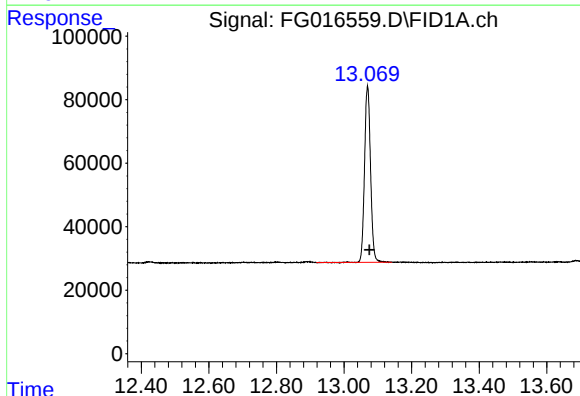
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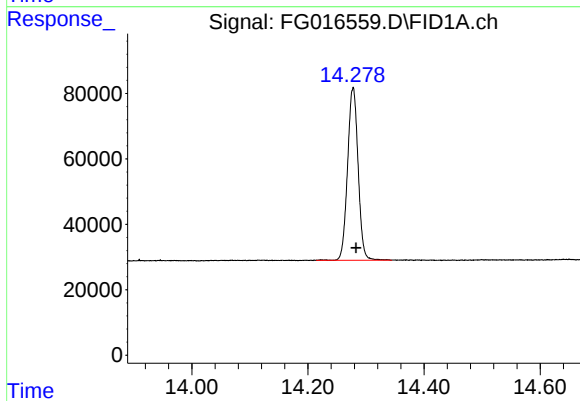
#6 N-OCTADECANE

R.T.: 11.750 min
Delta R.T.: -0.005 min
Response: 678720
Conc: 5.50 ug/ml



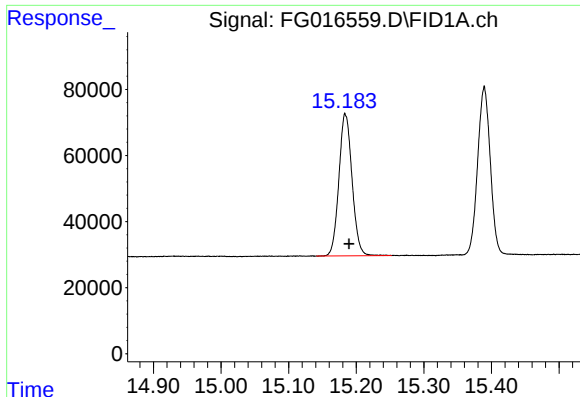
#7 N-EICOSANE

R.T.: 13.070 min
Delta R.T.: -0.006 min
Response: 683652
Conc: 5.54 ug/ml



#8 N-DOCOSANE

R.T.: 14.278 min
Delta R.T.: -0.005 min
Response: 665765
Conc: 5.58 ug/ml



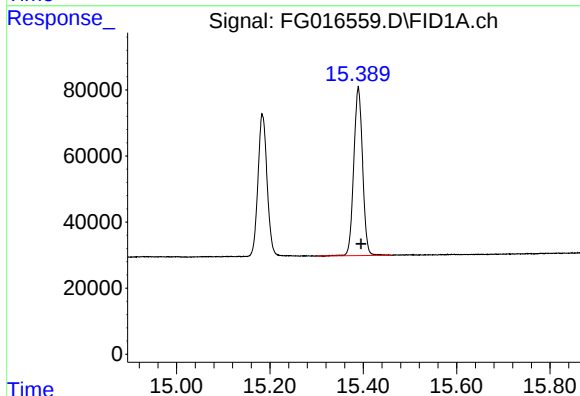
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.184 min
Delta R.T.: -0.006 min
Response: 582176
Conc: 5.58 ug/ml

Instrument :
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5 TRPH STD

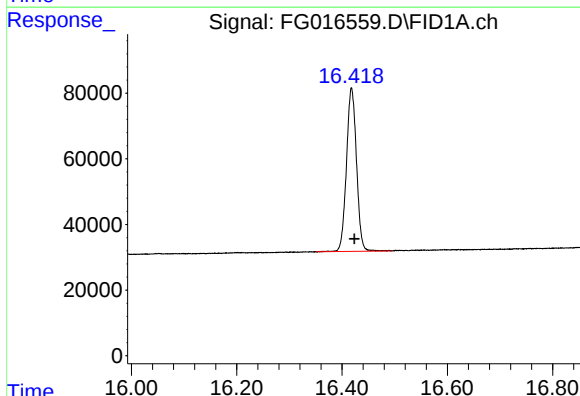
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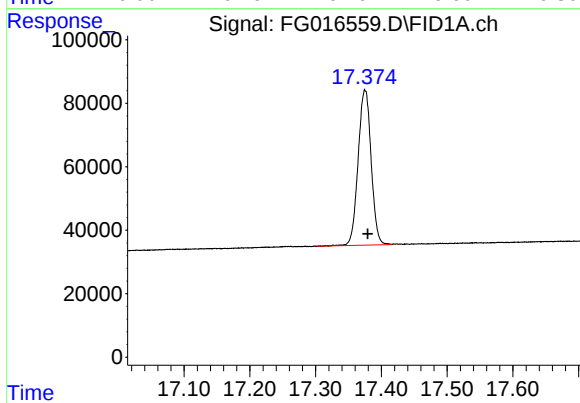
#10 N-TETRACOSANE

R.T.: 15.389 min
Delta R.T.: -0.006 min
Response: 666938
Conc: 5.67 ug/ml



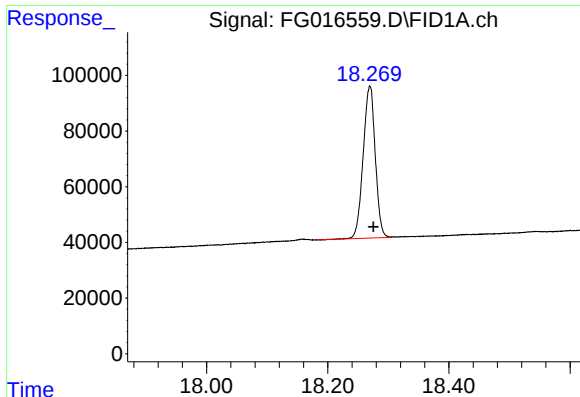
#11 N-HEXACOSANE

R.T.: 16.418 min
Delta R.T.: -0.006 min
Response: 657520
Conc: 5.73 ug/ml



#12 N-OCTACOSANE

R.T.: 17.375 min
Delta R.T.: -0.004 min
Response: 672338
Conc: 6.03 ug/ml



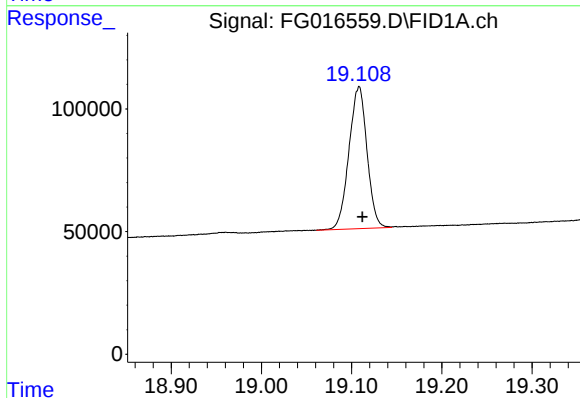
#13 N-TRIACONTANE

R.T.: 18.270 min
Delta R.T.: -0.005 min
Response: 755290
Conc: 6.89 ug/ml

Instrument :
FID_G
ClientSampleId :
5 TRPH STD

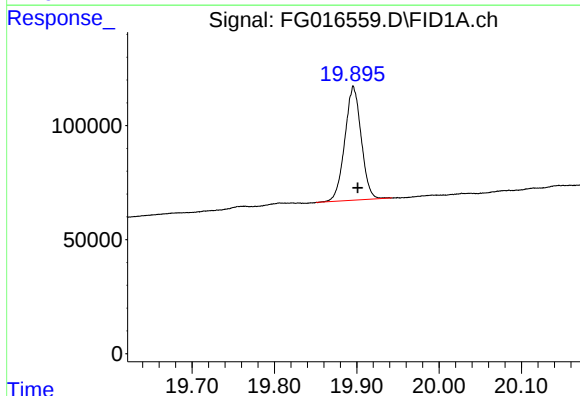
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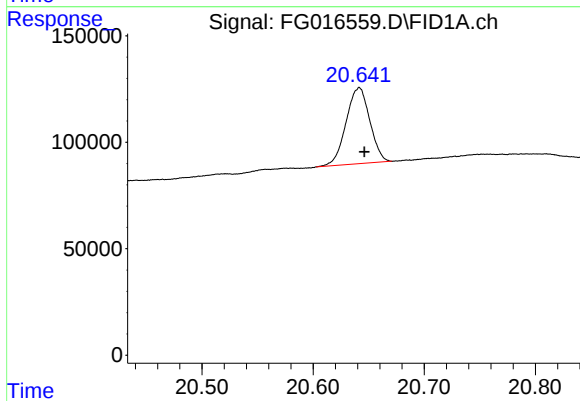
#14 N-DOTRIACONTANE

R.T.: 19.108 min
Delta R.T.: -0.004 min
Response: 804635
Conc: 7.90 ug/ml



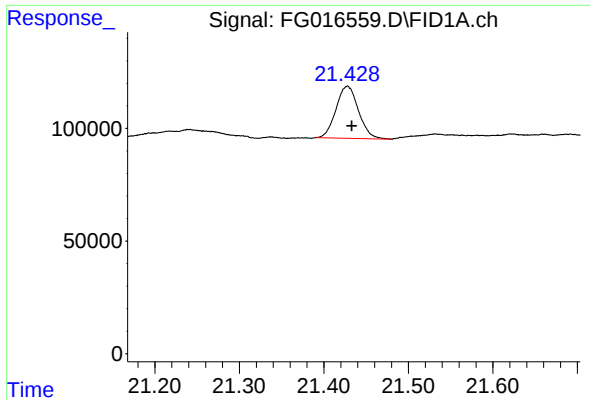
#15 N-TETRATRIACONTANE

R.T.: 19.896 min
Delta R.T.: -0.005 min
Response: 688859
Conc: 8.04 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.641 min
Delta R.T.: -0.005 min
Response: 528880
Conc: 7.58 ug/ml m



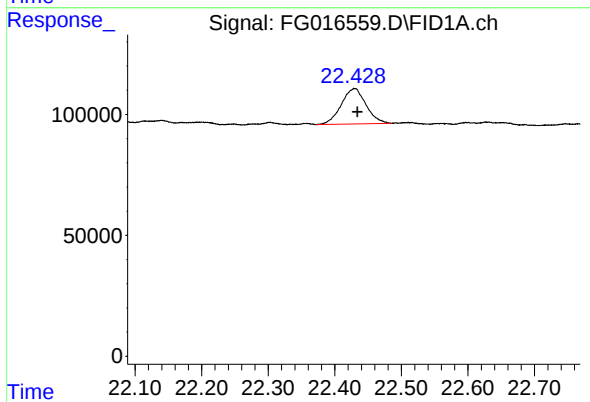
#17 N-OCTATRIACONTANE

R.T.: 21.428 min
Delta R.T.: -0.005 min
Response: 426351
Conc: 6.99 ug/ml

Instrument :
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#18 N-TETRACONTANE

R.T.: 22.430 min
Delta R.T.: -0.004 min
Response: 378311
Conc: 6.43 ug/ml