

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090123\
 Data File : FG012853.D
 Signal(s) : FID1A.ch
 Acq On : 31 Aug 2023 16:18
 Operator : YP\AJ
 Sample : 5 TRPH STD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/01/2023
 Supervised By :mohammad ahmed 09/01/2023

Integration File: autoint1.e
 Quant Time: Aug 31 16:38:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG090123.M
 Quant Title :
 QLast Update : Thu Aug 31 16:29:50 2023
 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...	15.079	616178	5.806 ug/mlm
Target Compounds			
1) N-OCTANE	2.080	721749	5.711 ug/ml
2) N-DECANE	4.597	743609	5.703 ug/ml
3) N-DODECANE	6.769	739977	5.667 ug/ml
4) N-TETRADECANE	8.602	728815	5.624 ug/ml
5) N-HEXADECANE	10.214	727369	5.617 ug/ml
6) N-OCTADECANE	11.662	725141	5.609 ug/ml
7) N-EICOSANE	12.976	703487	5.613 ug/ml
8) N-DOCOSANE	14.178	676795	5.583 ug/ml
10) N-TETRACOSANE	15.283	675597	5.678 ug/ml
11) N-HEXACOSANE	16.305	650562	5.635 ug/ml
12) N-OCTACOSANE	17.258	637715	5.672 ug/ml
13) N-TRIACONTANE	18.146	625722	5.816 ug/ml
14) N-DOTRIACONTANE	18.980	583734	5.949 ug/ml
15) N-TETRATRIACONTANE	19.764	515950	5.881 ug/ml
16) N-HEXATRIACONTANE	20.504	449306	5.778 ug/ml
17) N-OCTATRIACONTANE	21.260	423777	5.793 ug/ml
18) N-TETRACONTANE	22.206	423644	5.641 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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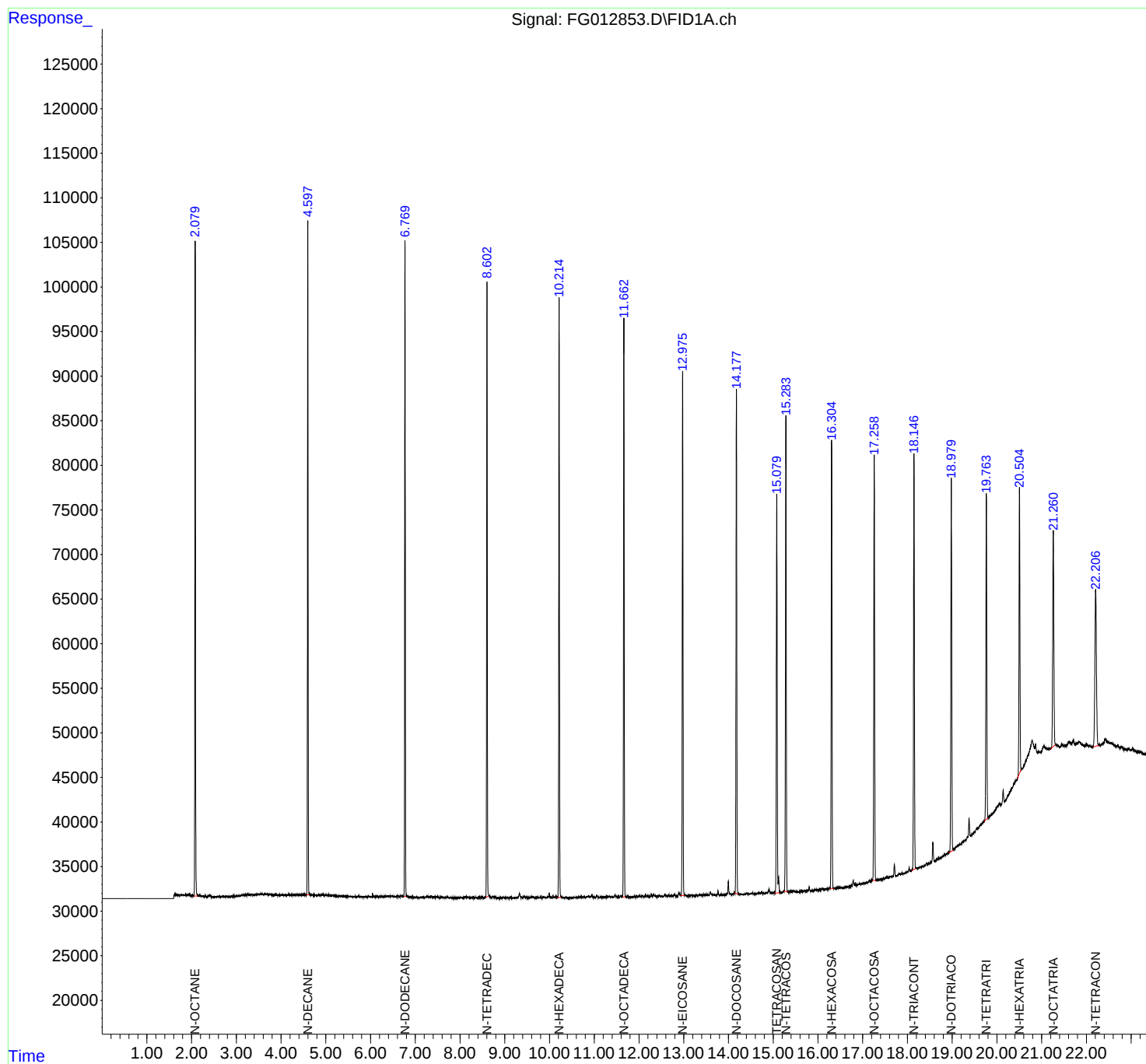
Instrument :
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5 TRPH STD

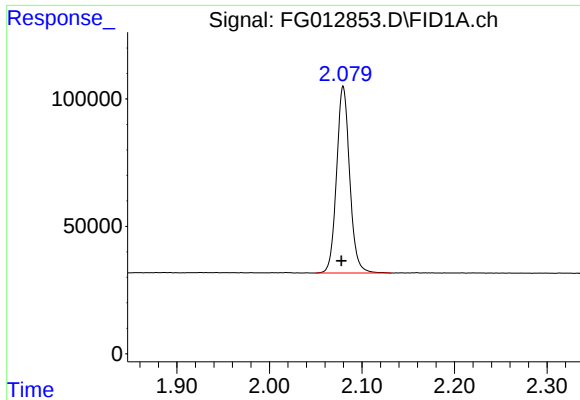
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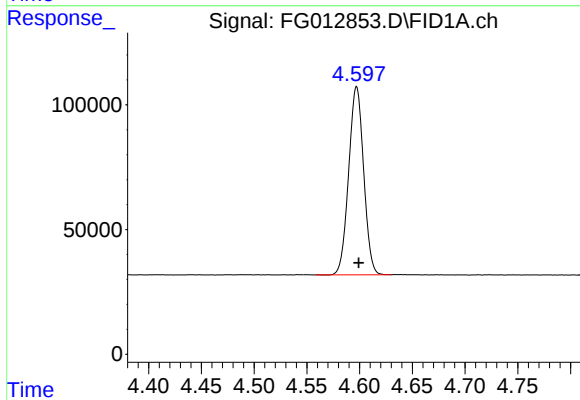
#1 N-OCTANE

R.T.: 2.080 min
Delta R.T.: 0.002 min
Response: 721749
Conc: 5.71 ug/ml

Instrument :
FID_G
ClientSampleId :
5 TRPH STD

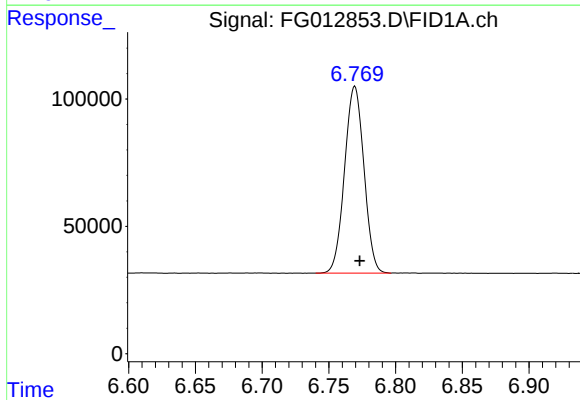
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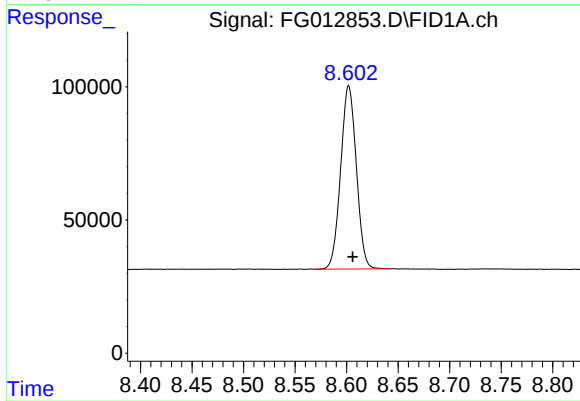
#2 N-DECANE

R.T.: 4.597 min
Delta R.T.: -0.002 min
Response: 743609
Conc: 5.70 ug/ml



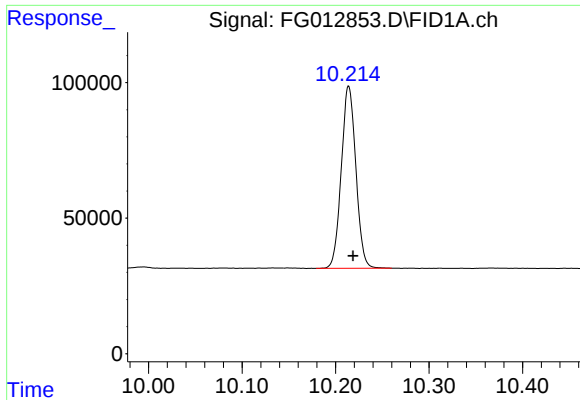
#3 N-DODECANE

R.T.: 6.769 min
Delta R.T.: -0.004 min
Response: 739977
Conc: 5.67 ug/ml



#4 N-TETRADECANE

R.T.: 8.602 min
Delta R.T.: -0.004 min
Response: 728815
Conc: 5.62 ug/ml



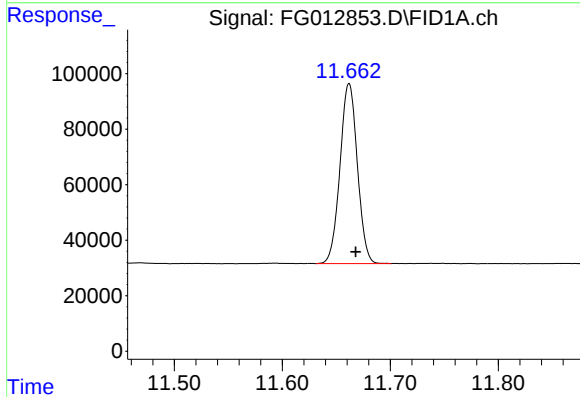
#5 N-HEXADECANE

R.T.: 10.214 min
Delta R.T.: -0.005 min
Response: 727369
Conc: 5.62 ug/ml

Instrument :
FID_G
ClientSampleId :
5 TRPH STD

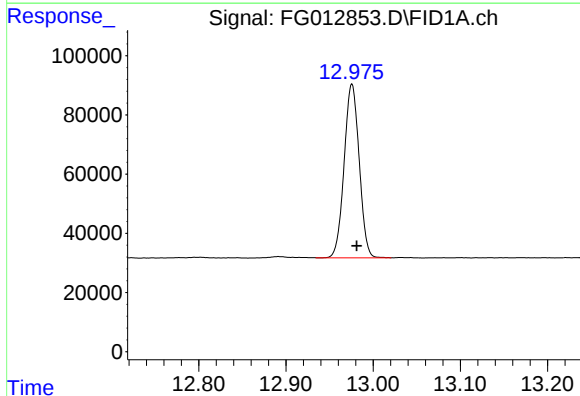
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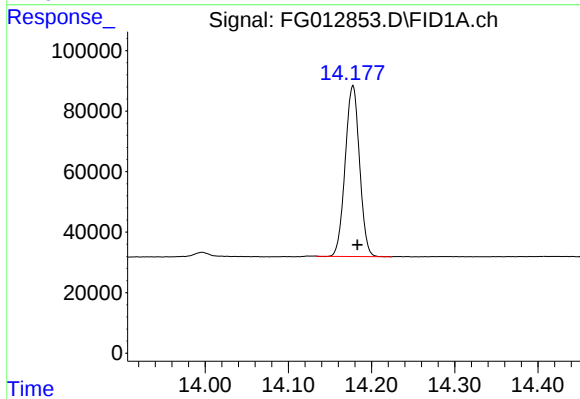
#6 N-OCTADECANE

R.T.: 11.662 min
Delta R.T.: -0.006 min
Response: 725141
Conc: 5.61 ug/ml



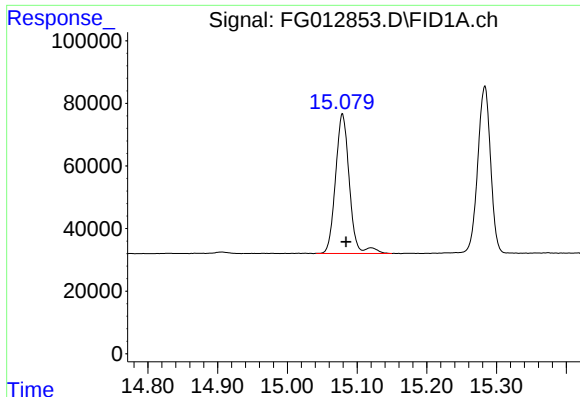
#7 N-EICOSANE

R.T.: 12.976 min
Delta R.T.: -0.006 min
Response: 703487
Conc: 5.61 ug/ml



#8 N-DOCOSANE

R.T.: 14.178 min
Delta R.T.: -0.005 min
Response: 676795
Conc: 5.58 ug/ml



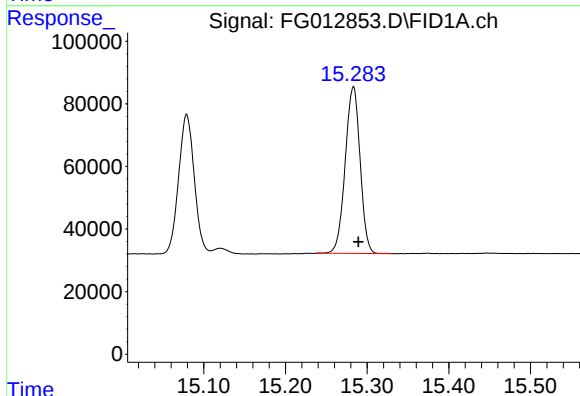
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.079 min
Delta R.T.: -0.006 min
Response: 616178
Conc: 5.81 ug/ml

Instrument :
FID_G
ClientSampleId :
5 TRPH STD

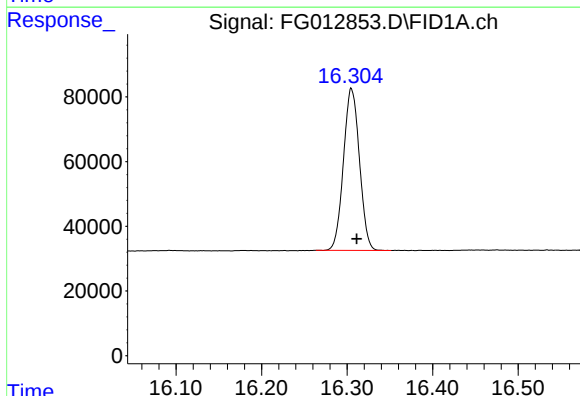
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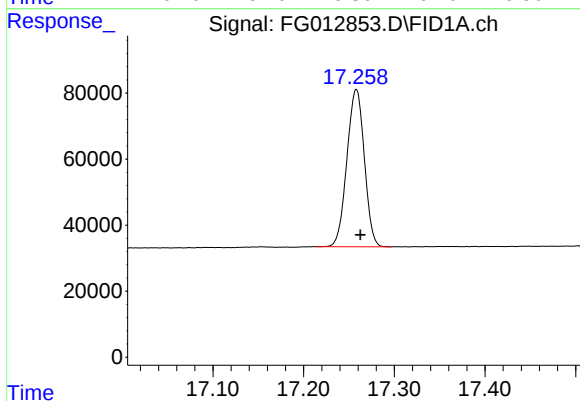
#10 N-TETRACOSANE

R.T.: 15.283 min
Delta R.T.: -0.006 min
Response: 675597
Conc: 5.68 ug/ml



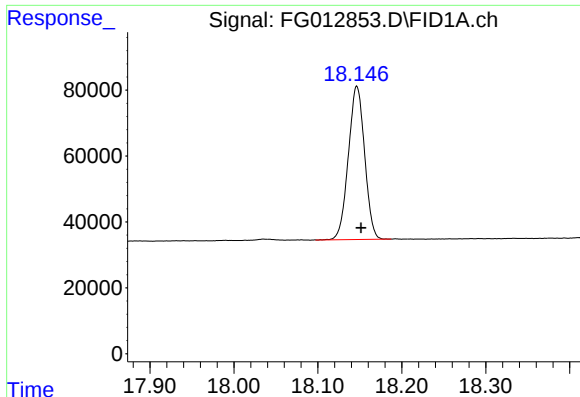
#11 N-HEXACOSANE

R.T.: 16.305 min
Delta R.T.: -0.006 min
Response: 650562
Conc: 5.64 ug/ml



#12 N-OCTACOSANE

R.T.: 17.258 min
Delta R.T.: -0.005 min
Response: 637715
Conc: 5.67 ug/ml



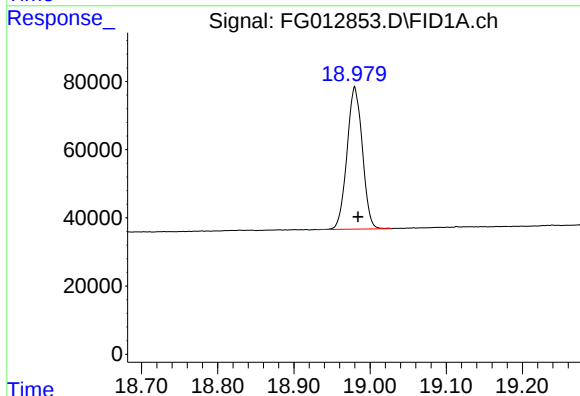
#13 N-TRIACONTANE

R.T.: 18.146 min
Delta R.T.: -0.005 min
Response: 625722
Conc: 5.82 ug/ml

Instrument :
FID_G
ClientSampleId :
5 TRPH STD

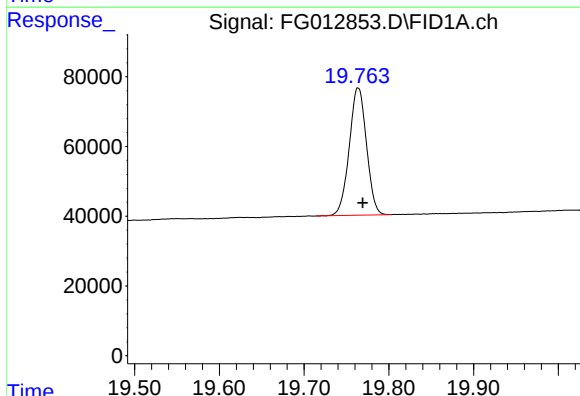
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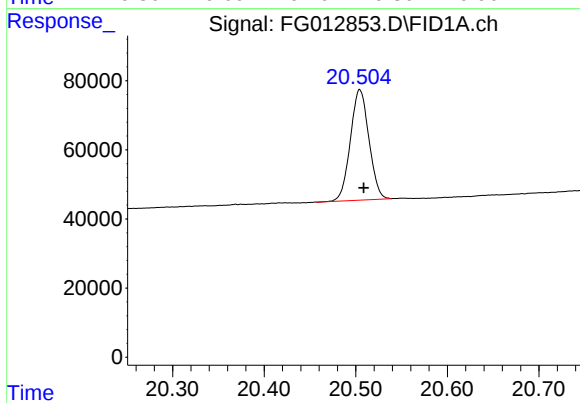
#14 N-DOTRIACONTANE

R.T.: 18.980 min
Delta R.T.: -0.005 min
Response: 583734
Conc: 5.95 ug/ml



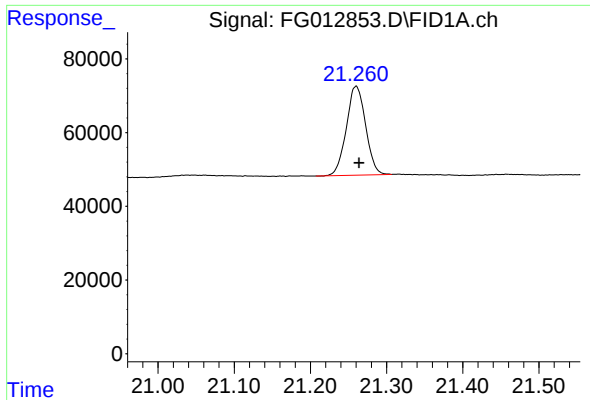
#15 N-TETRATRIACONTANE

R.T.: 19.764 min
Delta R.T.: -0.005 min
Response: 515950
Conc: 5.88 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.504 min
Delta R.T.: -0.004 min
Response: 449306
Conc: 5.78 ug/ml



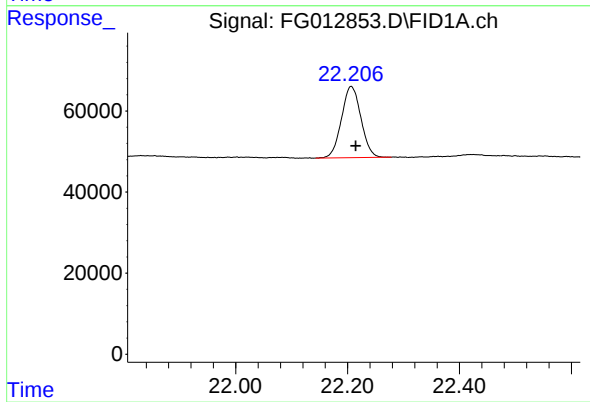
#17 N-OCTATRIACONTANE

R.T.: 21.260 min
Delta R.T.: -0.004 min
Response: 423777
Conc: 5.79 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.206 min
Delta R.T.: -0.008 min
Response: 423644
Conc: 5.64 ug/ml