

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG052225\
 Data File : FG015890.D
 Signal(s) : FID1A.ch
 Acq On : 21 May 2025 23:30
 Operator : YP\AJ
 Sample : 5 TRPH STD
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/22/2025
 Supervised By :mohammad ahmed 05/23/2025

Integration File: autoint1.e
 Quant Time: May 22 06:12:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG052225.M
 Quant Title :
 QLast Update : Thu May 22 06:09:12 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...	14.983	611626	5.007 ug/ml
Target Compounds			
1) N-OCTANE	1.965	563868	4.812 ug/ml
2) N-DECANE	4.487	517720	4.246 ug/ml
3) N-DODECANE	6.669	522751	4.119 ug/ml
4) N-TETRADECANE	8.506	582921	4.417 ug/ml
5) N-HEXADECANE	10.120	633381	4.683 ug/ml
6) N-OCTADECANE	11.566	668014	4.797 ug/ml
7) N-EICOSANE	12.878	695152	4.904 ug/ml
8) N-DOCOSANE	14.080	676190	4.904 ug/ml
10) N-TETRACOSANE	15.186	682033	4.954 ug/ml
11) N-HEXACOSANE	16.209	673839	4.937 ug/ml
12) N-OCTACOSANE	17.162	683791	5.093 ug/ml
13) N-TRIACONTANE	18.051	703879	5.244 ug/ml
14) N-DOTRIACONTANE	18.887	731012	5.664 ug/ml
15) N-TETRATRIACONTANE	19.671	622909	5.299 ug/ml
16) N-HEXATRIACONTANE	20.413	532595	5.241 ug/ml
17) N-OCTATRIACONTANE	21.150	464727	5.084 ug/ml
18) N-TETRACONTANE	22.061	420027	4.966 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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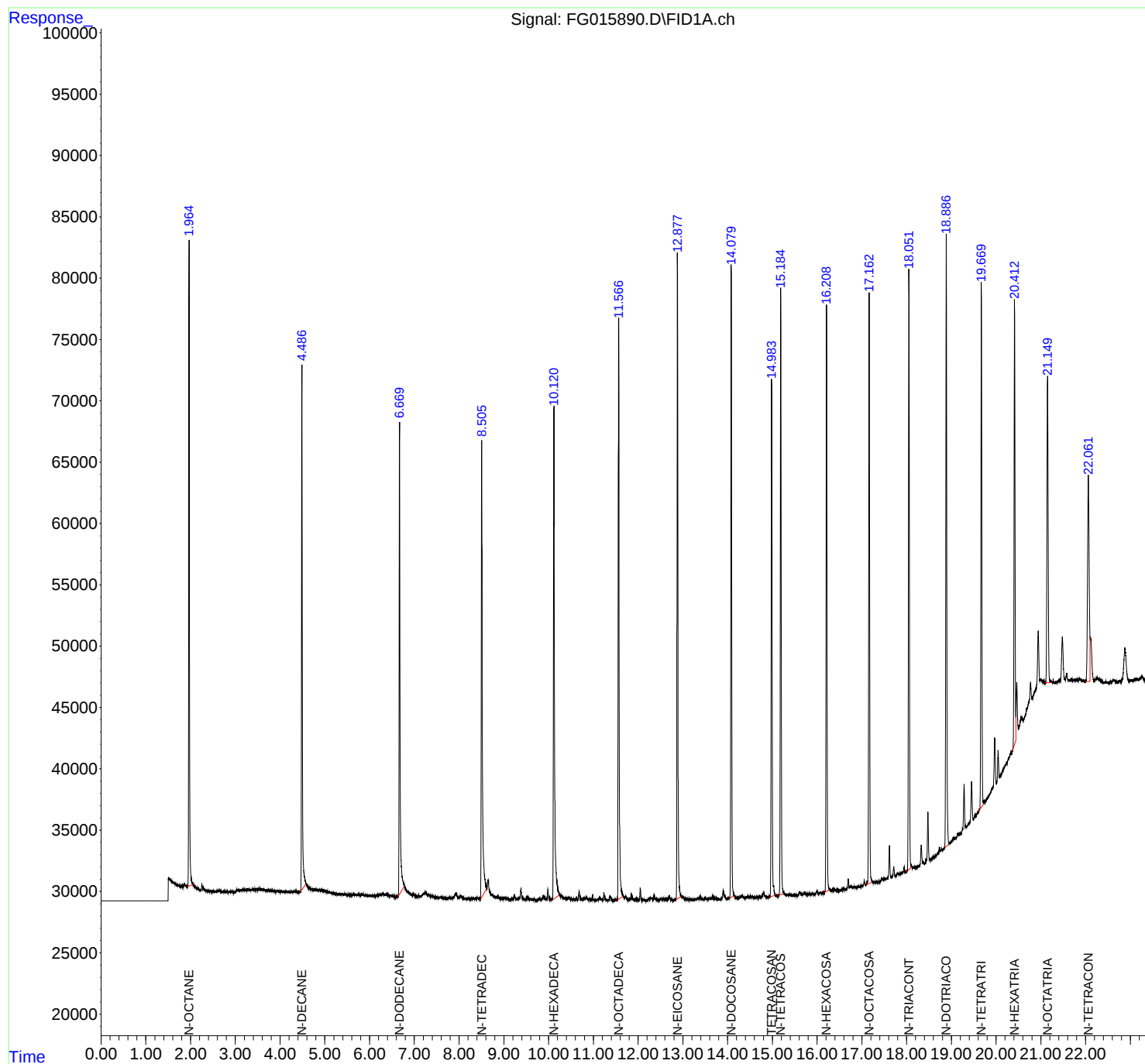
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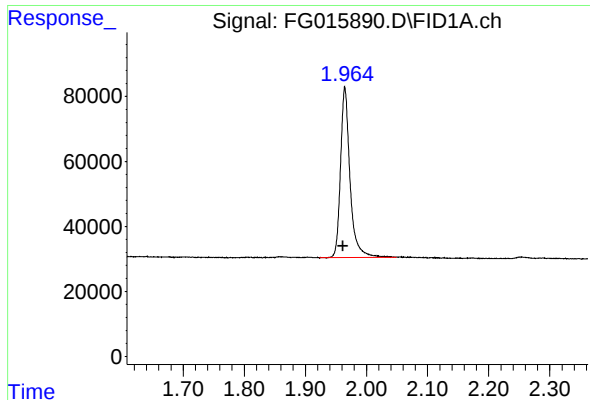
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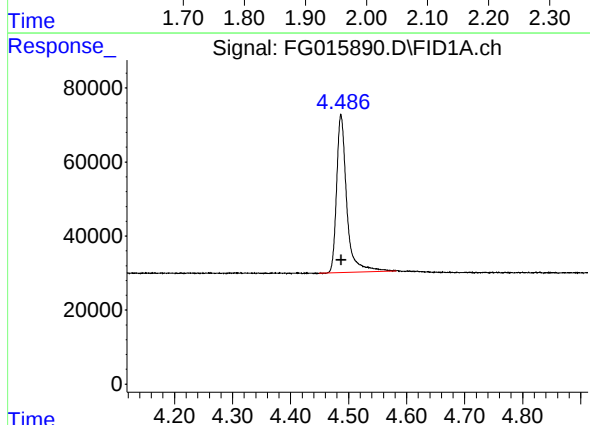
#1 N-OCTANE

R.T.: 1.965 min
Delta R.T.: 0.003 min
Response: 563868
Conc: 4.81 ug/ml

Instrument :
FID_G
ClientSampleId :
5 TRPH STD

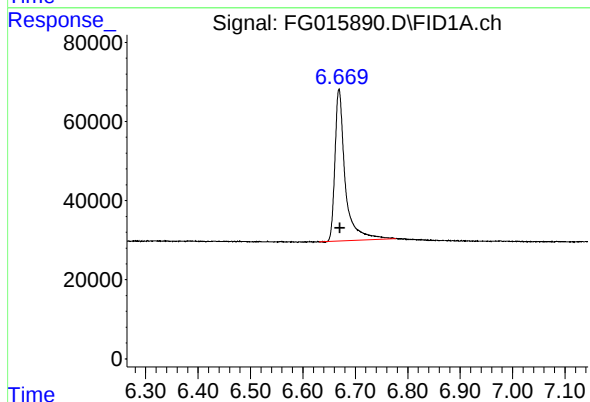
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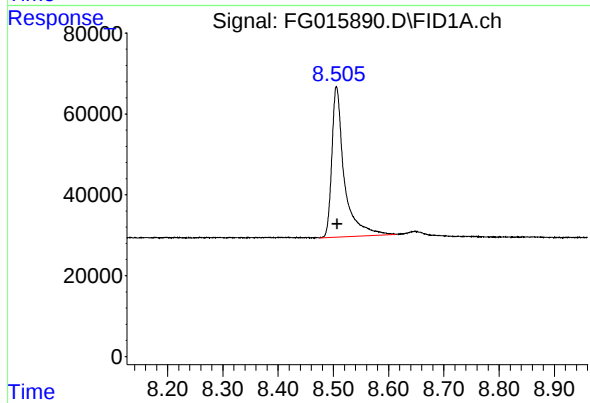
#2 N-DECANE

R.T.: 4.487 min
Delta R.T.: 0.000 min
Response: 517720
Conc: 4.25 ug/ml



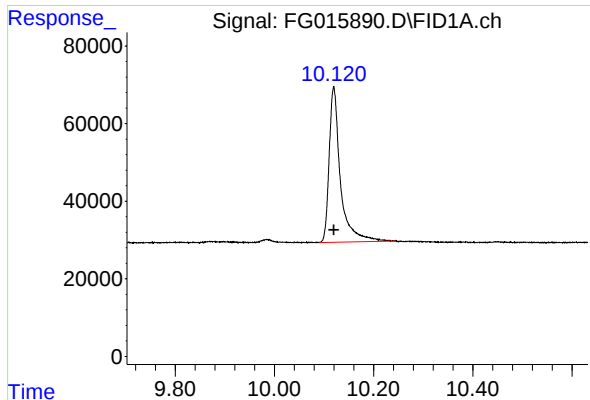
#3 N-DODECANE

R.T.: 6.669 min
Delta R.T.: -0.001 min
Response: 522751
Conc: 4.12 ug/ml



#4 N-TETRADECANE

R.T.: 8.506 min
Delta R.T.: -0.001 min
Response: 582921
Conc: 4.42 ug/ml



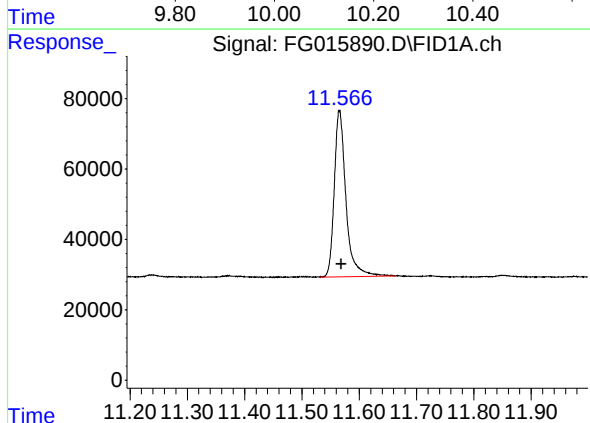
#5 N-HEXADECANE

R.T.: 10.120 min
Delta R.T.: 0.000 min
Response: 633381
Conc: 4.68 ug/ml

Instrument :
FID_G
ClientSampleId :
5 TRPH STD

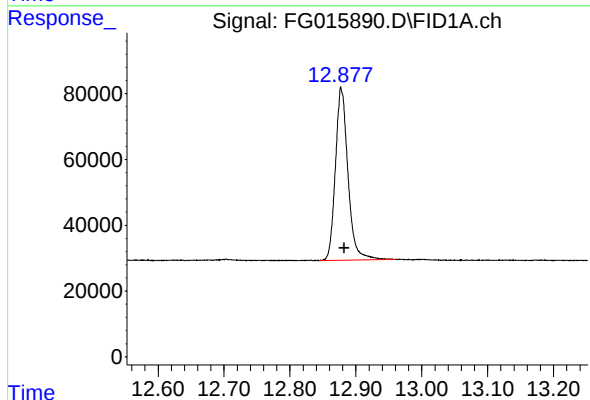
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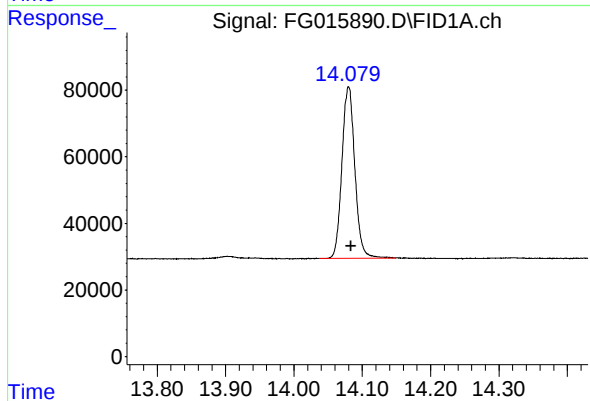
#6 N-OCTADECANE

R.T.: 11.566 min
Delta R.T.: -0.003 min
Response: 668014
Conc: 4.80 ug/ml



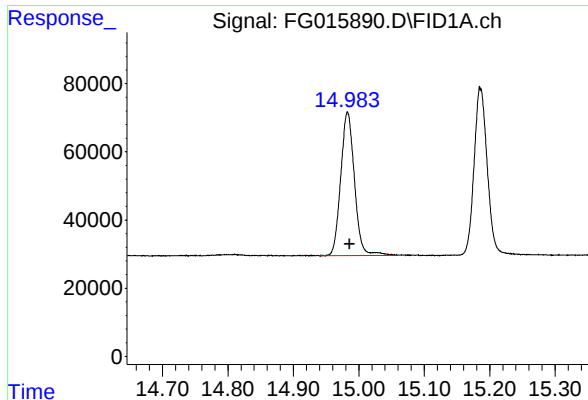
#7 N-EICOSANE

R.T.: 12.878 min
Delta R.T.: -0.005 min
Response: 695152
Conc: 4.90 ug/ml



#8 N-DOCOSANE

R.T.: 14.080 min
Delta R.T.: -0.004 min
Response: 676190
Conc: 4.90 ug/ml



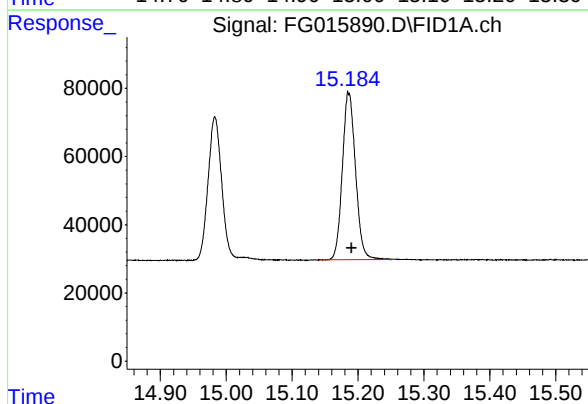
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.983 min
Delta R.T.: -0.003 min
Response: 611626
Conc: 5.01 ug/ml

Instrument :
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5 TRPH STD

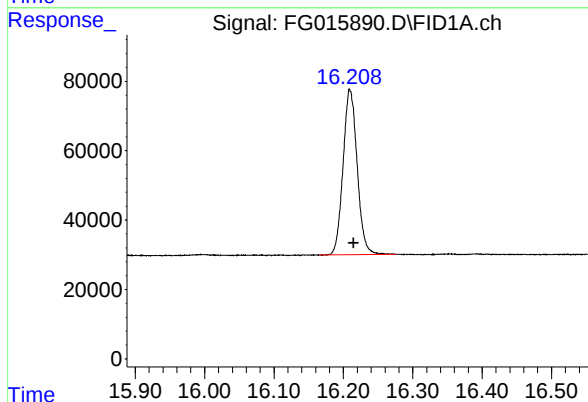
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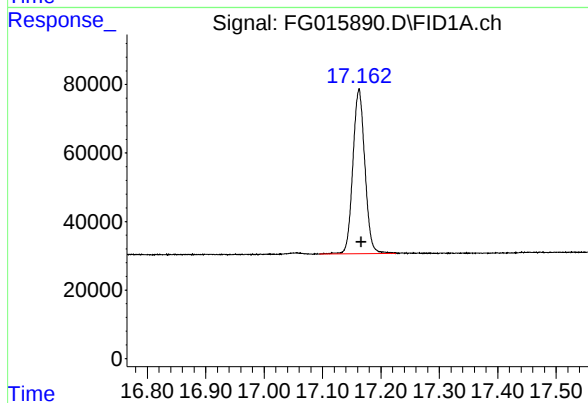
#10 N-TETRACOSANE

R.T.: 15.186 min
Delta R.T.: -0.005 min
Response: 682033
Conc: 4.95 ug/ml



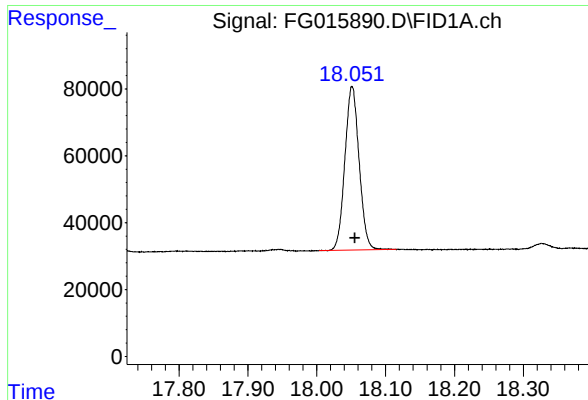
#11 N-HEXACOSANE

R.T.: 16.209 min
Delta R.T.: -0.005 min
Response: 673839
Conc: 4.94 ug/ml



#12 N-OCTACOSANE

R.T.: 17.162 min
Delta R.T.: -0.004 min
Response: 683791
Conc: 5.09 ug/ml



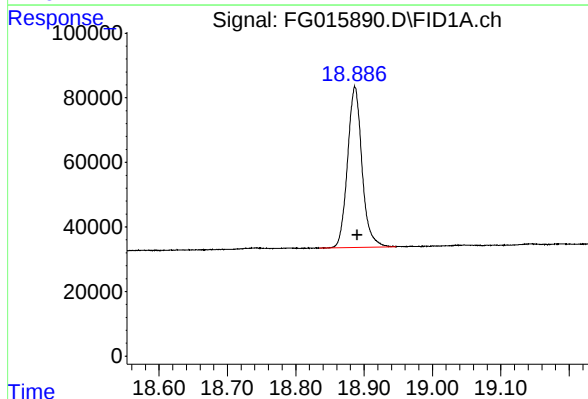
#13 N-TRIACONTANE

R.T.: 18.051 min
Delta R.T.: -0.004 min
Response: 703879
Conc: 5.24 ug/ml

Instrument :
FID_G
ClientSampleId :
5 TRPH STD

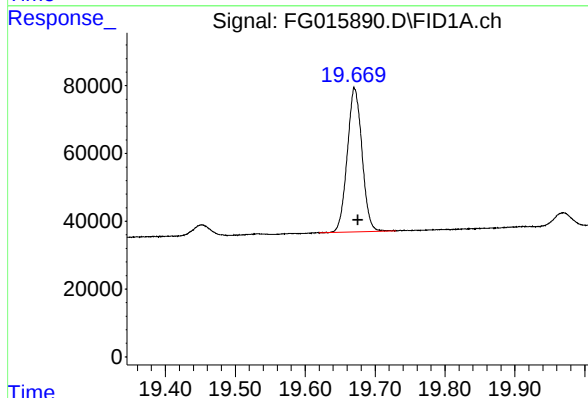
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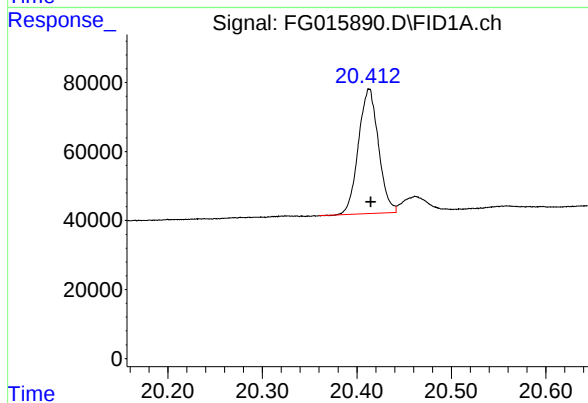
#14 N-DOTRIACONTANE

R.T.: 18.887 min
Delta R.T.: -0.004 min
Response: 731012
Conc: 5.66 ug/ml



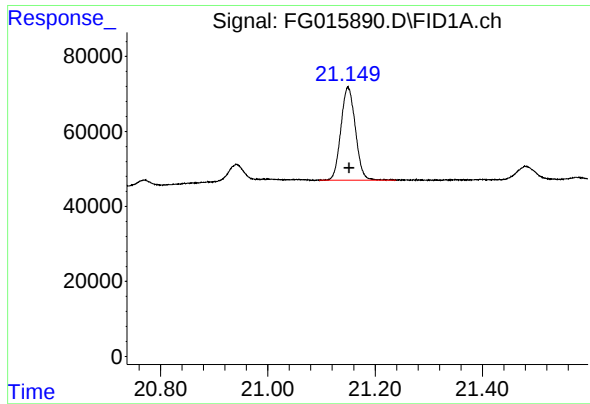
#15 N-TETRATRIACONTANE

R.T.: 19.671 min
Delta R.T.: -0.005 min
Response: 622909
Conc: 5.30 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.413 min
Delta R.T.: -0.002 min
Response: 532595
Conc: 5.24 ug/ml



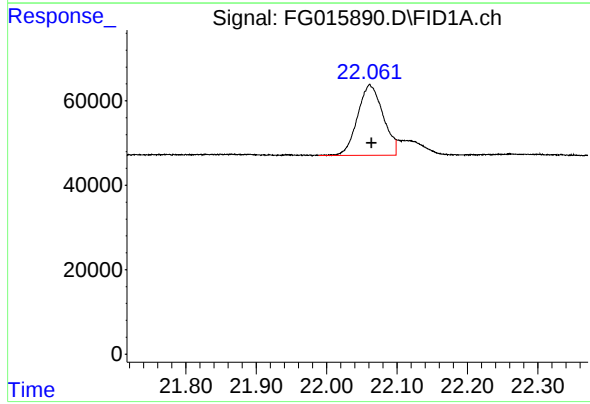
#17 N-OCTATRIACONTANE

R.T.: 21.150 min
Delta R.T.: -0.003 min
Response: 464727
Conc: 5.08 ug/ml

Instrument :
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#18 N-TETRACONTANE

R.T.: 22.061 min
Delta R.T.: -0.003 min
Response: 420027
Conc: 4.97 ug/ml m