

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG021825\
 Data File : FG015379.D
 Signal(s) : FID1A.ch
 Acq On : 18 Feb 2025 11:20
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/19/2025
 Supervised By :Ankita Jodhani 02/20/2025

Integration File: autoint1.e
 Quant Time: Feb 19 00:16:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG021025.M
 Quant Title :
 QLast Update : Mon Feb 10 11:26:50 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...	15.040	6219760	57.325 ug/ml
Target Compounds			
1) N-OCTANE	1.998	6054587	52.919 ug/ml
2) N-DECANE	4.537	6441675	55.256 ug/ml
3) N-DODECANE	6.720	6718171	55.484 ug/ml
4) N-TETRADECANE	8.556	6624733	55.647 ug/ml
5) N-HEXADECANE	10.171	6797949	55.877 ug/ml
6) N-OCTADECANE	11.620	7058122	56.136 ug/ml
7) N-EICOSANE	12.935	6927561	56.549 ug/ml
8) N-DOCOSANE	14.137	6841554	56.826 ug/ml
10) N-TETRACOSANE	15.244	6813997	56.762 ug/ml
11) N-HEXACOSANE	16.269	6683848	56.955 ug/ml
12) N-OCTACOSANE	17.220	6585518	56.964 ug/ml
13) N-TRIACONTANE	18.110	6554911	57.002 ug/ml
14) N-DOTRIACONTANE	18.944	6201002	54.560 ug/ml
15) N-TETRATRIACONTANE	19.727	5086521	47.312 ug/ml
16) N-HEXATRIACONTANE	20.468	3970429	39.670 ug/ml
17) N-OCTATRIACONTANE	21.215	3312683	33.098 ug/ml
18) N-TETRACONTANE	22.147	2833531	28.723 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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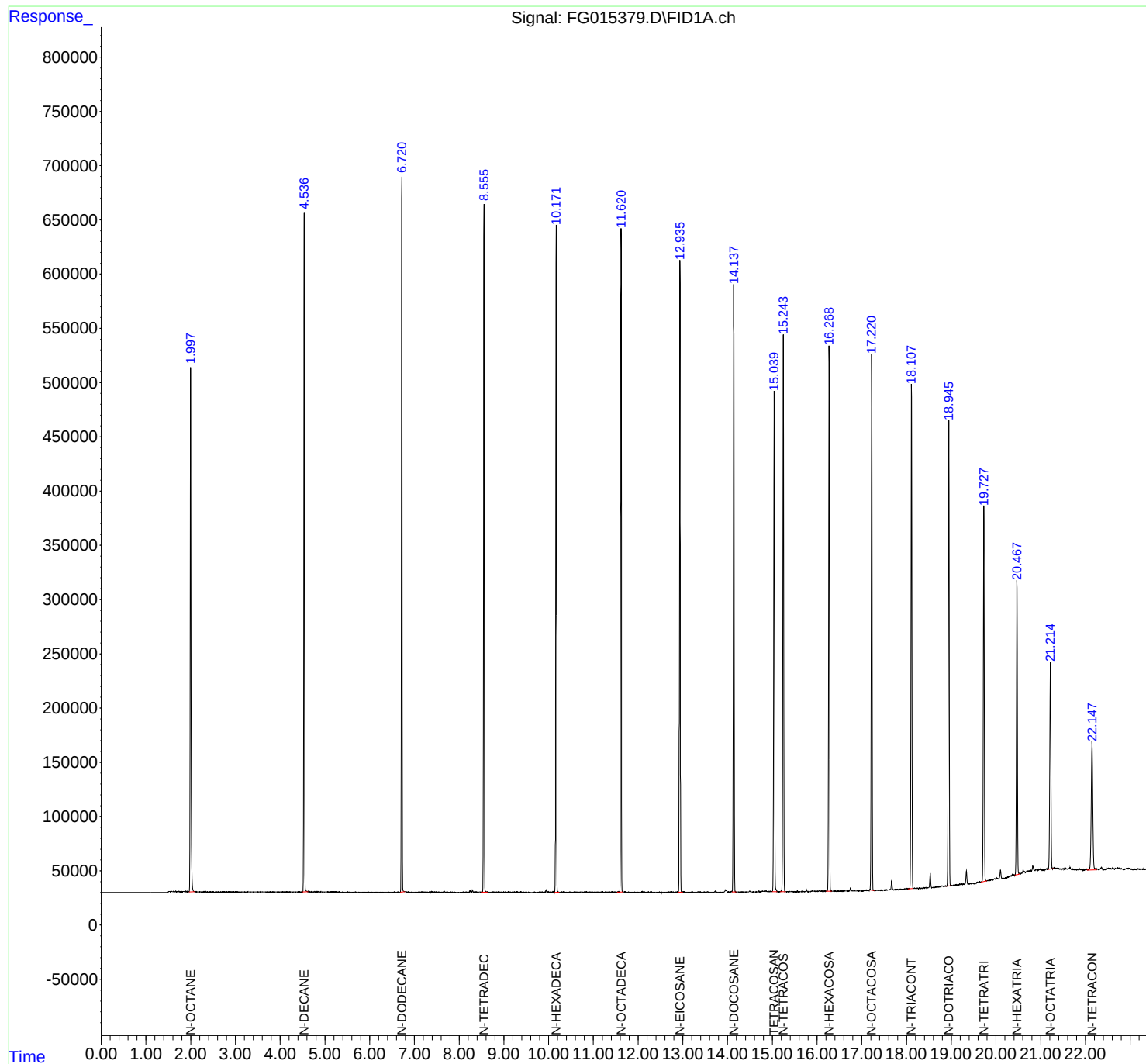
Instrument :
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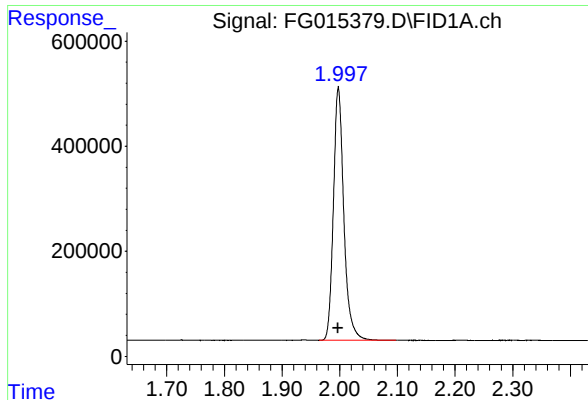
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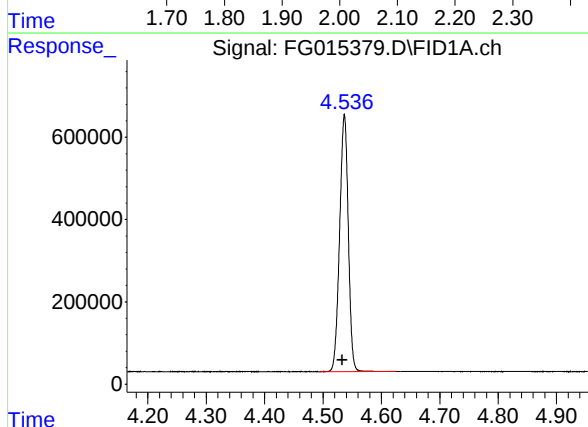
#1 N-OCTANE

R.T.: 1.998 min
Delta R.T.: 0.000 min
Response: 6054587
Conc: 52.92 ug/ml

Instrument :
FID_G
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50 PPM TRPH STD

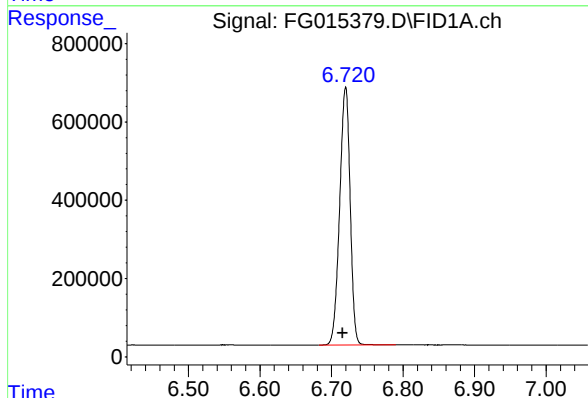
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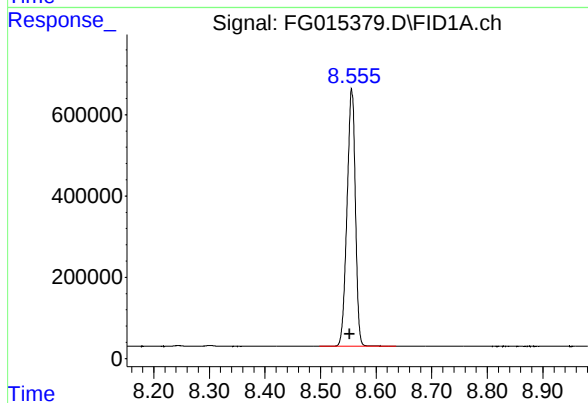
#2 N-DECANE

R.T.: 4.537 min
Delta R.T.: 0.003 min
Response: 6441675
Conc: 55.26 ug/ml



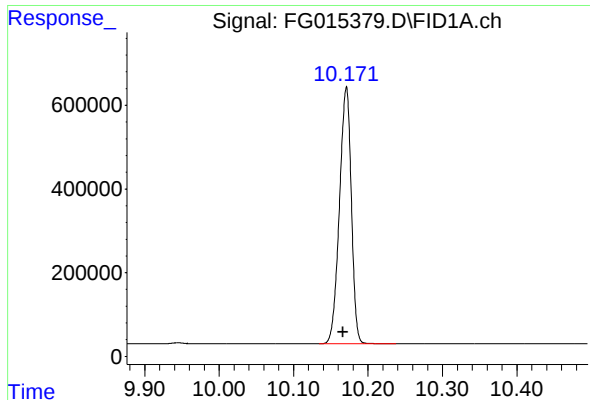
#3 N-DODECANE

R.T.: 6.720 min
Delta R.T.: 0.004 min
Response: 6718171
Conc: 55.48 ug/ml



#4 N-TETRADECANE

R.T.: 8.556 min
Delta R.T.: 0.003 min
Response: 6624733
Conc: 55.65 ug/ml



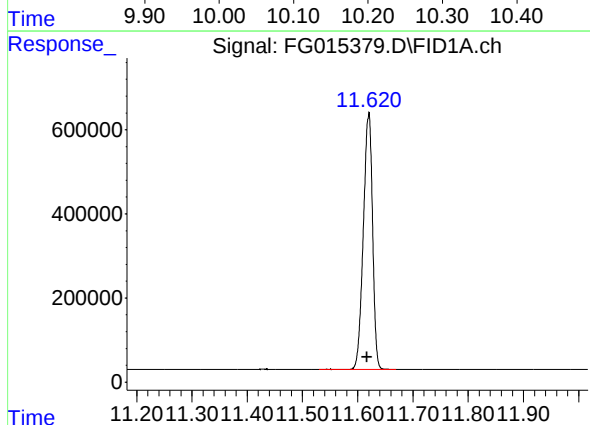
#5 N-HEXADECANE

R.T.: 10.171 min
Delta R.T.: 0.004 min
Response: 6797949
Conc: 55.88 ug/ml

Instrument :
FID_G
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50 PPM TRPH STD

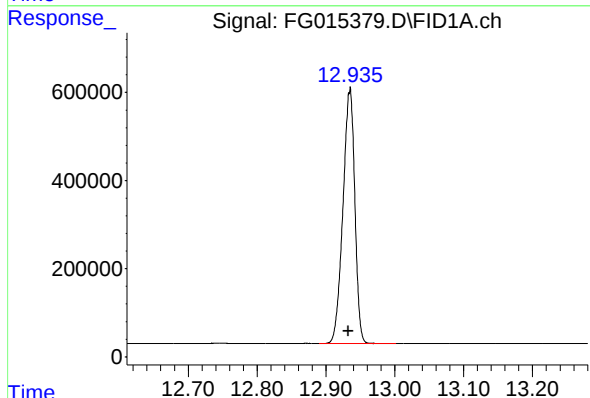
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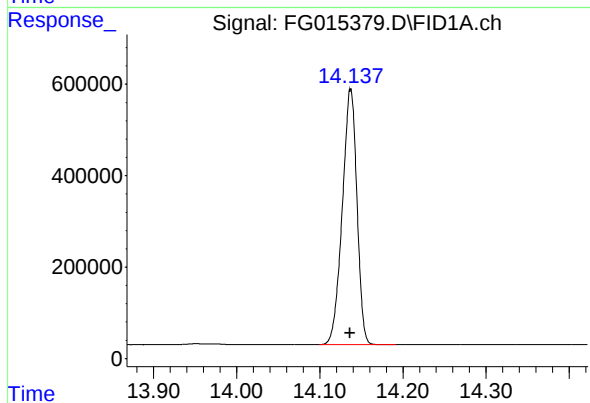
#6 N-OCTADECANE

R.T.: 11.620 min
Delta R.T.: 0.003 min
Response: 7058122
Conc: 56.14 ug/ml



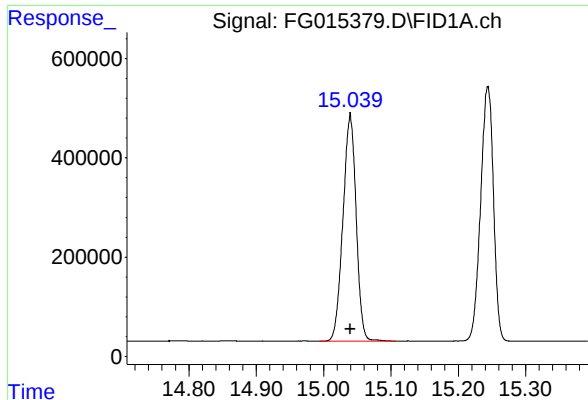
#7 N-EICOSANE

R.T.: 12.935 min
Delta R.T.: 0.002 min
Response: 6927561
Conc: 56.55 ug/ml



#8 N-DOCOSANE

R.T.: 14.137 min
Delta R.T.: 0.000 min
Response: 6841554
Conc: 56.83 ug/ml



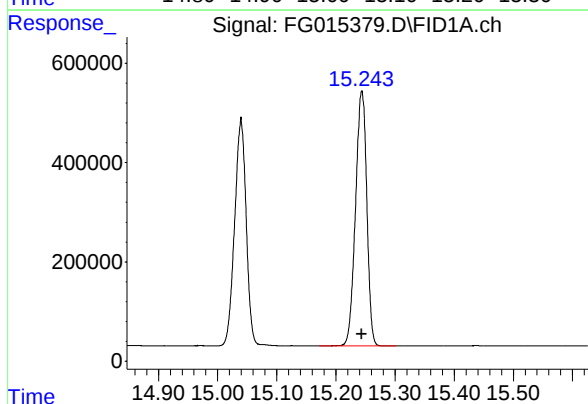
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.040 min
Delta R.T.: 0.000 min
Response: 6219760
Conc: 57.33 ug/ml

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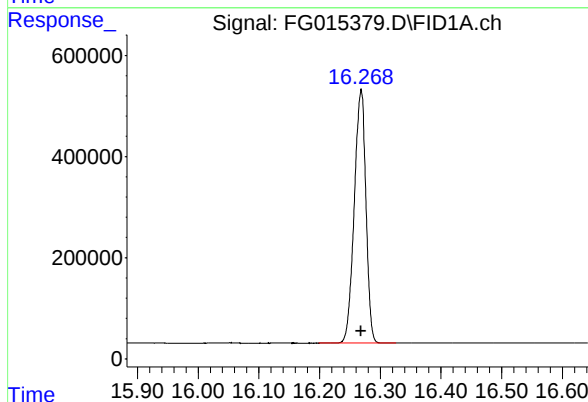
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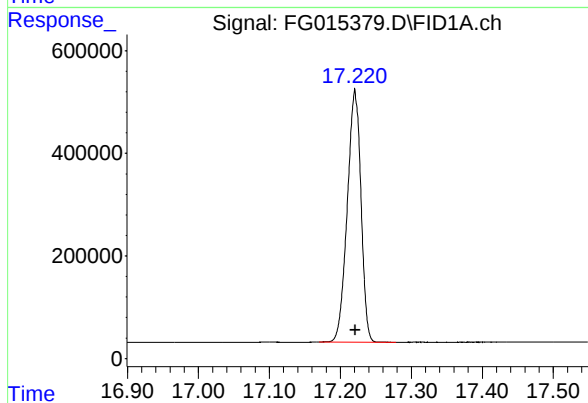
#10 N-TETRACOSANE

R.T.: 15.244 min
Delta R.T.: 0.000 min
Response: 6813997
Conc: 56.76 ug/ml



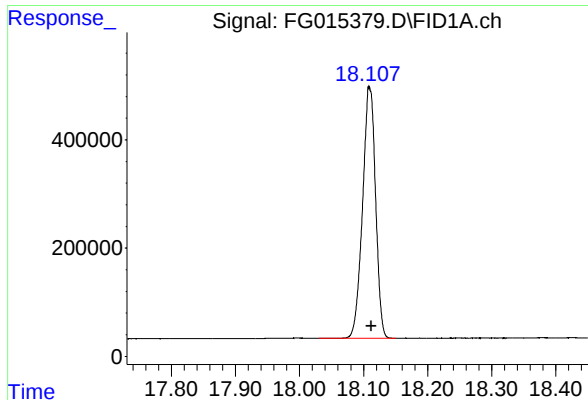
#11 N-HEXACOSANE

R.T.: 16.269 min
Delta R.T.: 0.000 min
Response: 6683848
Conc: 56.96 ug/ml



#12 N-OCTACOSANE

R.T.: 17.220 min
Delta R.T.: 0.000 min
Response: 6585518
Conc: 56.96 ug/ml



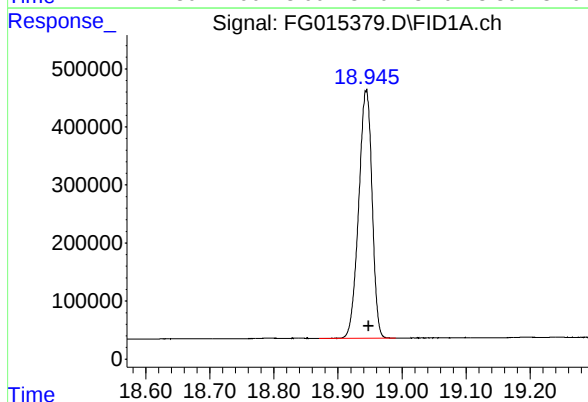
#13 N-TRIACONTANE

R.T.: 18.110 min
Delta R.T.: -0.003 min
Response: 6554911
Conc: 57.00 ug/ml

Instrument :
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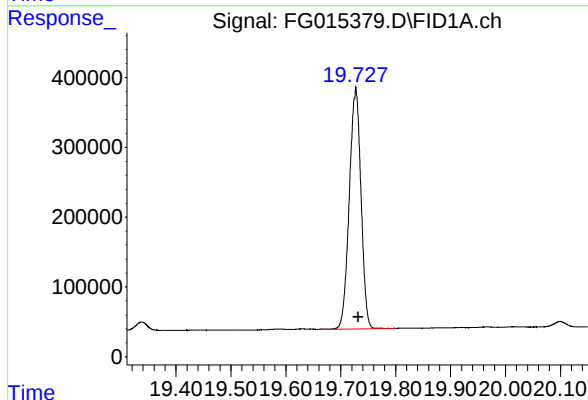
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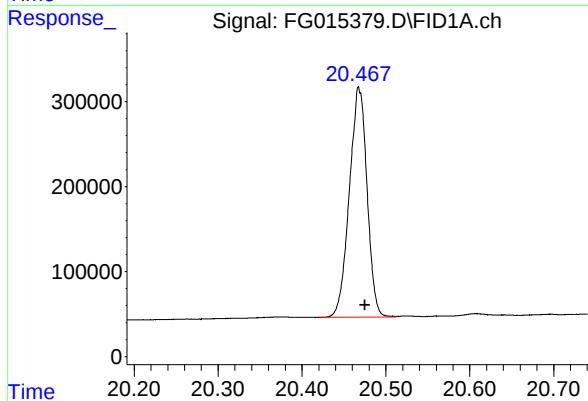
#14 N-DOTRIACONTANE

R.T.: 18.944 min
Delta R.T.: -0.004 min
Response: 6201002
Conc: 54.56 ug/ml



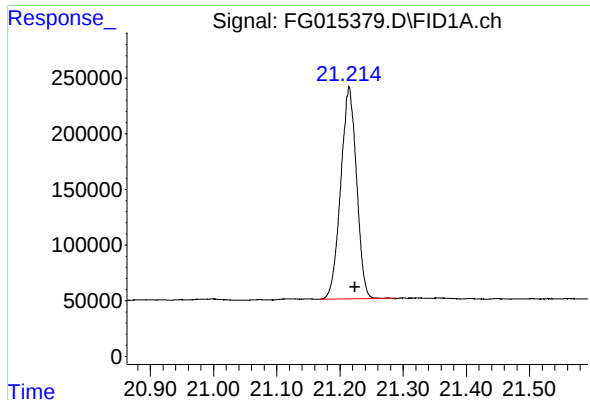
#15 N-TETRATRIACONTANE

R.T.: 19.727 min
Delta R.T.: -0.005 min
Response: 5086521
Conc: 47.31 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.468 min
Delta R.T.: -0.007 min
Response: 3970429
Conc: 39.67 ug/ml



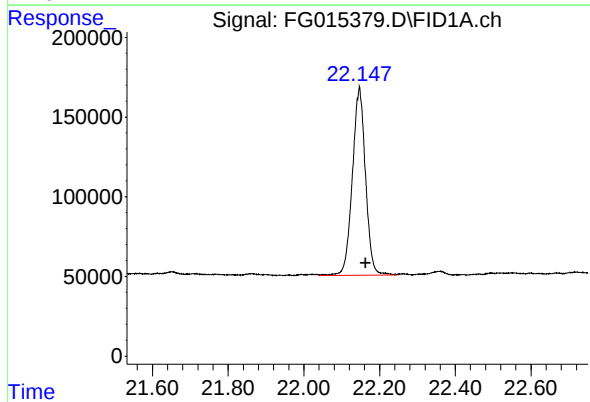
#17 N-OCTATRIACONTANE

R.T.: 21.215 min
Delta R.T.: -0.009 min
Response: 3312683
Conc: 33.10 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.147 min
Delta R.T.: -0.017 min
Response: 2833531
Conc: 28.72 ug/ml m