

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090922\
 Data File : FG010550.D
 Signal(s) : FID1A.ch
 Acq On : 09 Sep 2022 16:01
 Operator : YP\AJ
 Sample : N4539-04MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 MBD-WC-S-MP-1-0-46MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/12/2022
 Supervised By :Ankita Jodhani 09/12/2022

Integration File: autoint1.e
 Quant Time: Sep 12 00:29:17 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG082622.M
 Quant Title :
 QLast Update : Fri Aug 26 23:48:05 2022
 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...	14.785	2184010	17.845 ug/ml
Target Compounds			
1) N-OCTANE	1.808	1534704	12.195 ug/ml
2) N-DECANE	4.310	2499838	19.503 ug/ml
3) N-DODECANE	6.491	2797514	21.256 ug/ml
4) N-TETRADECANE	8.322	2831740	20.922 ug/ml
5) N-HEXADECANE	9.930	2703272	19.292 ug/ml
6) N-OCTADECANE	11.373	2897828	20.296 ug/ml
7) N-EICOSANE	12.685	2918028	20.437 ug/ml
8) N-DOCOSANE	13.884	2957196	21.221 ug/ml
10) N-TETRACOSANE	14.989	2764253	19.950 ug/ml
11) N-HEXACOSANE	16.013	2900238	21.379 ug/ml
12) N-OCTACOSANE	16.966	3210171	24.275 ug/ml
13) N-TRIACONTANE	17.856	3270708	25.241 ug/ml
14) N-DOTRIACONTANE	18.691	2934232	22.950 ug/mlm
15) N-TETRATRIACONTANE	19.476	3042144	24.591 ug/mlm
16) N-HEXATRIACONTANE	20.218	2591397	22.327 ug/mlm
17) N-OCTATRIACONTANE	20.935	2626839	22.871 ug/mlm
18) N-TETRACONTANE	21.773	2758508	23.397 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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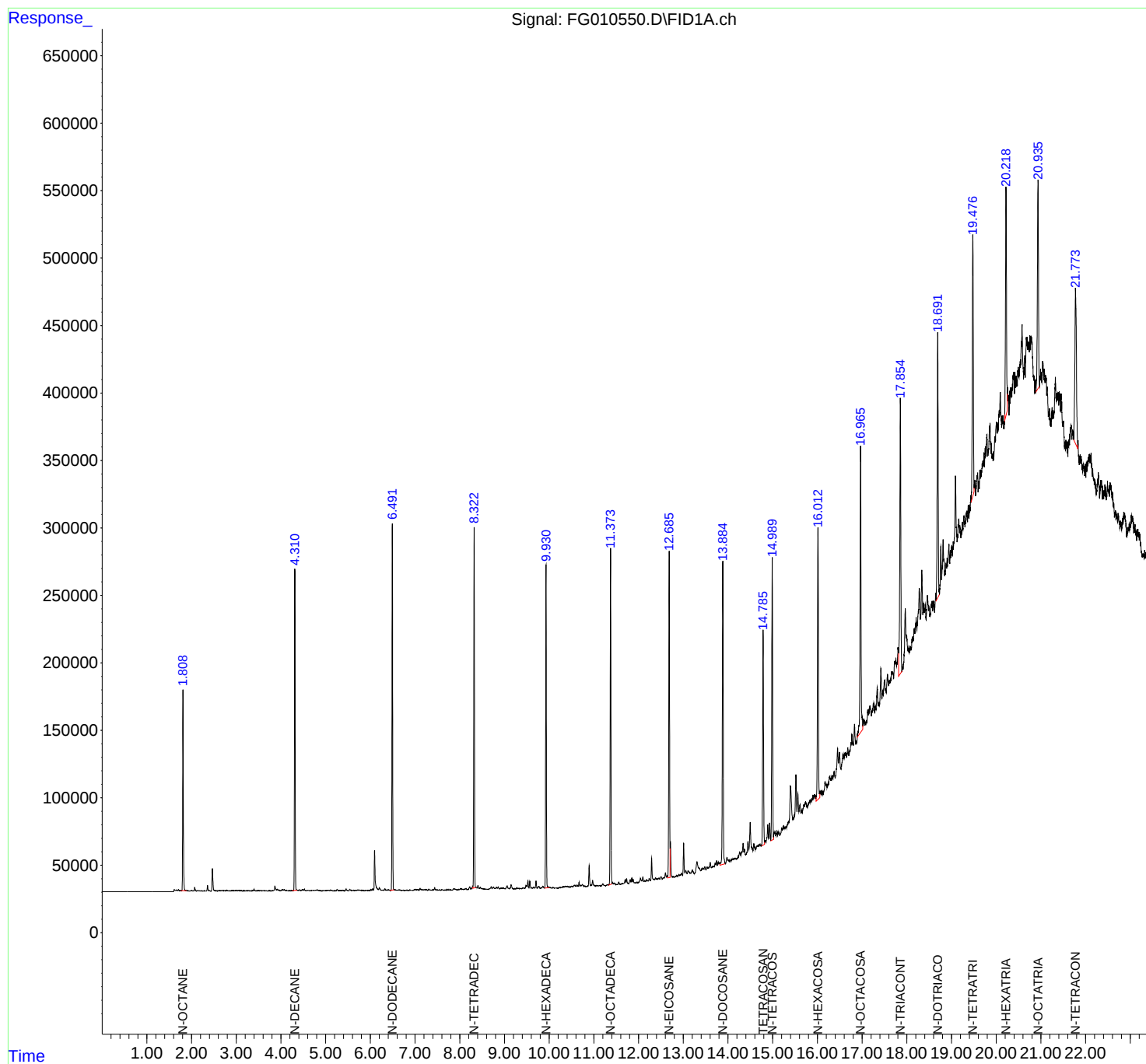
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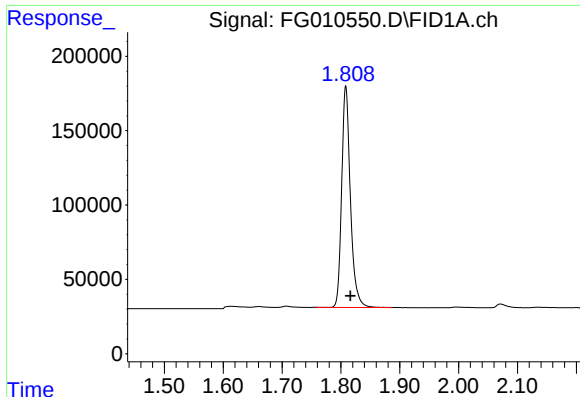
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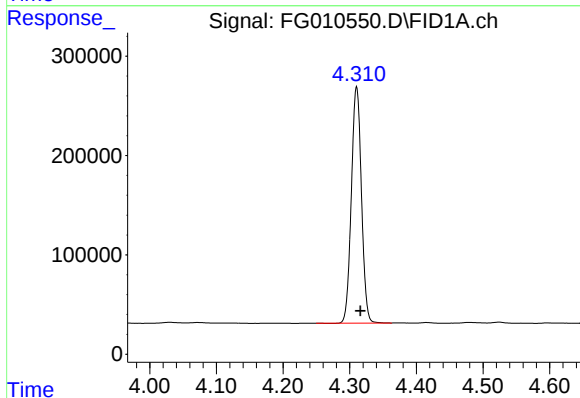
#1 N-OCTANE

R.T.: 1.808 min
Delta R.T.: -0.008 min
Response: 1534704
Conc: 12.19 ug/ml

Instrument :
FID_G
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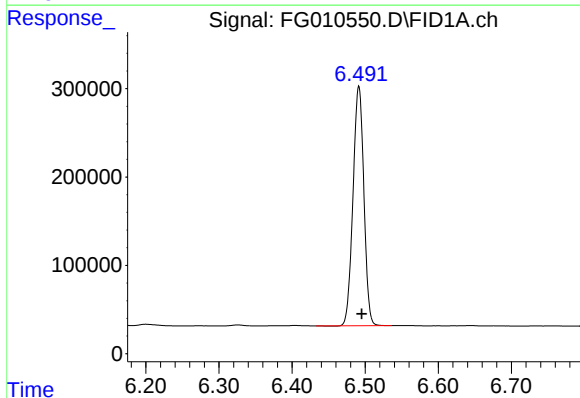
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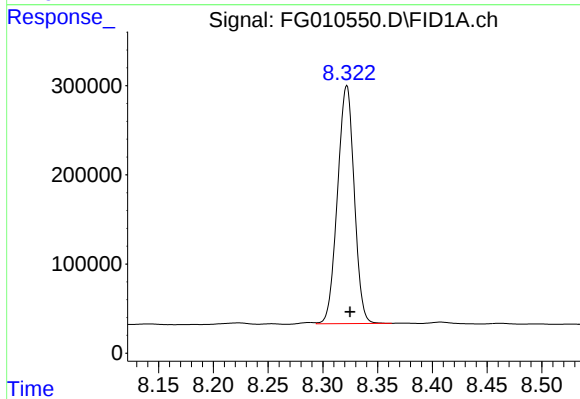
#2 N-DECANE

R.T.: 4.310 min
Delta R.T.: -0.006 min
Response: 2499838
Conc: 19.50 ug/ml



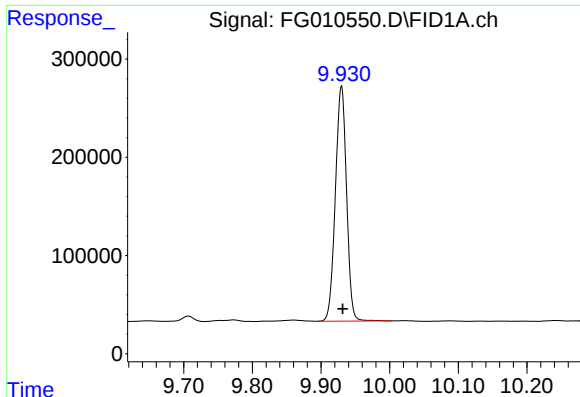
#3 N-DODECANE

R.T.: 6.491 min
Delta R.T.: -0.004 min
Response: 2797514
Conc: 21.26 ug/ml



#4 N-TETRADECANE

R.T.: 8.322 min
Delta R.T.: -0.003 min
Response: 2831740
Conc: 20.92 ug/ml



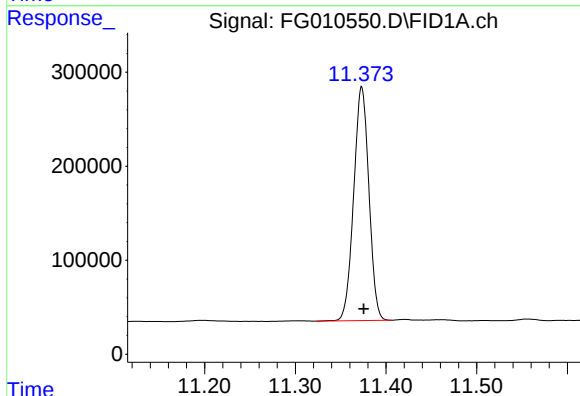
#5 N-HEXADECANE

R.T.: 9.930 min
Delta R.T.: -0.002 min
Response: 2703272
Conc: 19.29 ug/ml

Instrument :
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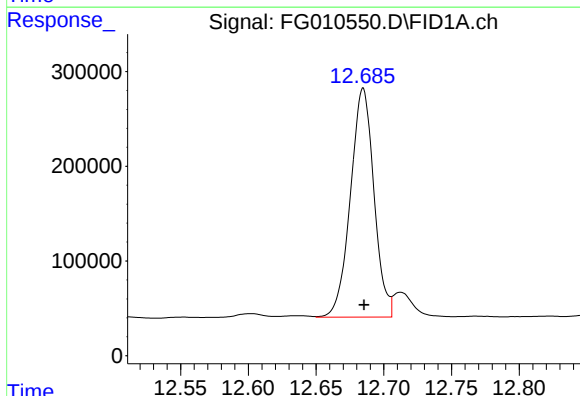
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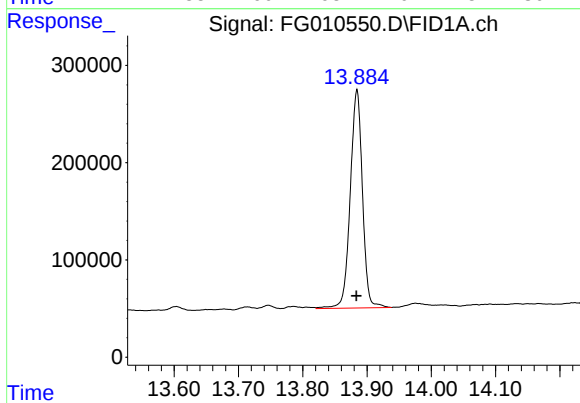
#6 N-OCTADECANE

R.T.: 11.373 min
Delta R.T.: -0.002 min
Response: 2897828
Conc: 20.30 ug/ml



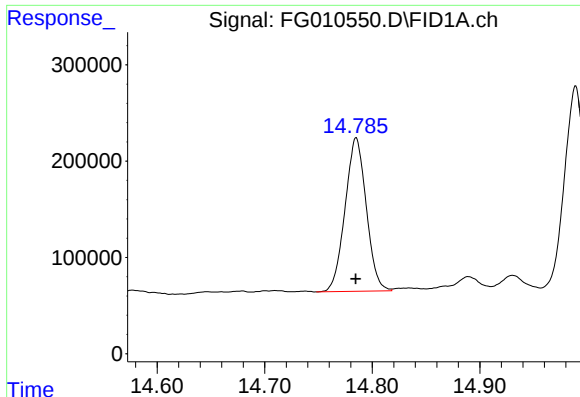
#7 N-EICOSANE

R.T.: 12.685 min
Delta R.T.: 0.000 min
Response: 2918028
Conc: 20.44 ug/ml



#8 N-DOCOSANE

R.T.: 13.884 min
Delta R.T.: 0.000 min
Response: 2957196
Conc: 21.22 ug/ml



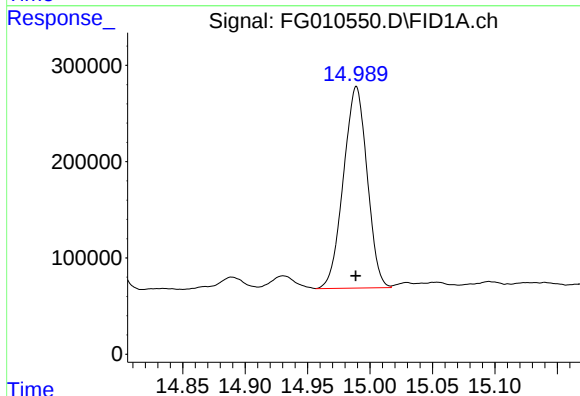
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.785 min
Delta R.T.: 0.000 min
Response: 2184010
Conc: 17.85 ug/ml

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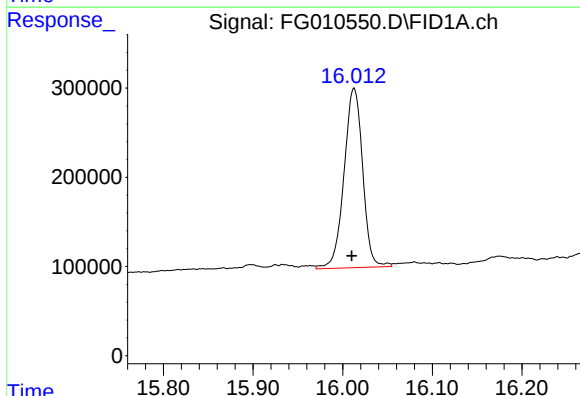
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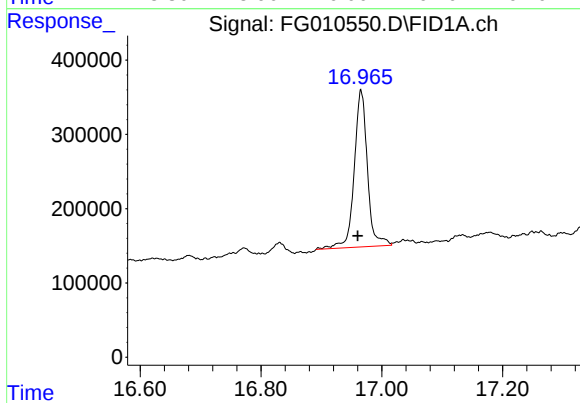
#10 N-TETRACOSANE

R.T.: 14.989 min
Delta R.T.: 0.000 min
Response: 2764253
Conc: 19.95 ug/ml



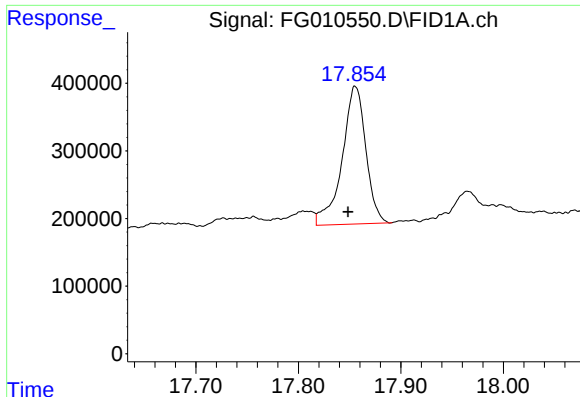
#11 N-HEXACOSANE

R.T.: 16.013 min
Delta R.T.: 0.003 min
Response: 2900238
Conc: 21.38 ug/ml



#12 N-OCTACOSANE

R.T.: 16.966 min
Delta R.T.: 0.006 min
Response: 3210171
Conc: 24.27 ug/ml



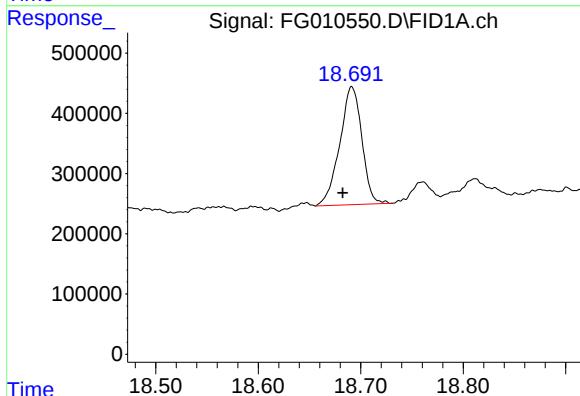
#13 N-TRIACONTANE

R.T.: 17.856 min
Delta R.T.: 0.007 min
Response: 3270708
Conc: 25.24 ug/ml

Instrument :
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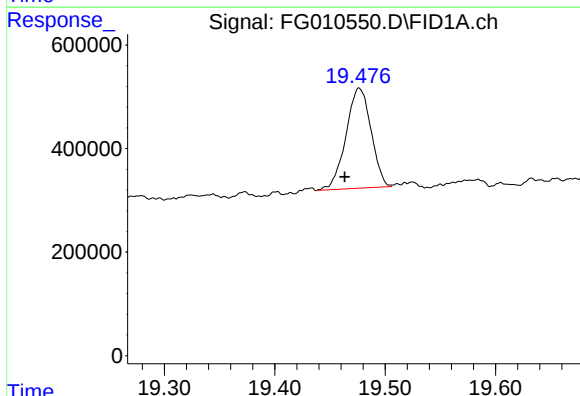
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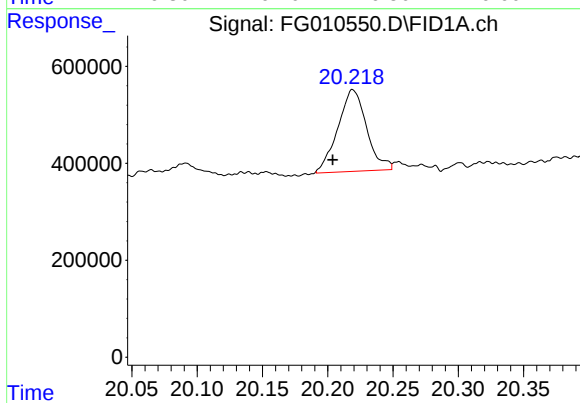
#14 N-DOTRIACONTANE

R.T.: 18.691 min
Delta R.T.: 0.008 min
Response: 2934232
Conc: 22.95 ug/ml m



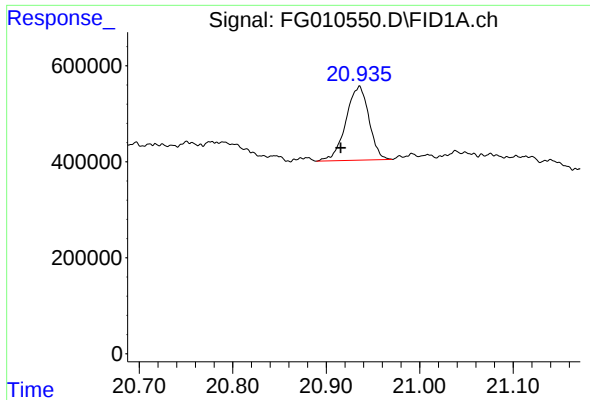
#15 N-TETRATRIACONTANE

R.T.: 19.476 min
Delta R.T.: 0.013 min
Response: 3042144
Conc: 24.59 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.218 min
Delta R.T.: 0.015 min
Response: 2591397
Conc: 22.33 ug/ml m



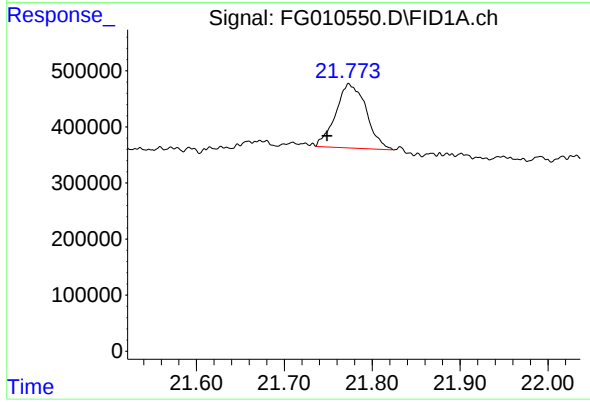
#17 N-OCTATRIACONTANE

R.T.: 20.935 min
Delta R.T.: 0.020 min
Response: 2626839
Conc: 22.87 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.773 min
Delta R.T.: 0.024 min
Response: 2758508
Conc: 23.40 ug/ml m