

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100522\
 Data File : FG010777.D
 Signal(s) : FID1A.ch
 Acq On : 05 Oct 2022 23:53
 Operator : YP\AJ
 Sample : N4955-04
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-SOIL-04-QT4-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2022
 Supervised By :Ankita Jodhani 10/06/2022

Integration File: autoint1.e
 Quant Time: Oct 06 06:41:53 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG092822.M
 Quant Title :
 QLast Update : Thu Sep 29 02:21:49 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...	14.740	2279324	18.788 ug/ml
Target Compounds			
1) N-OCTANE	1.772	286082	2.244 ug/ml
2) N-DECANE	4.265	304770	2.342 ug/ml
3) N-DODECANE	6.445	312039	2.353 ug/mlm
4) N-TETRADECANE	8.276	318862	2.378 ug/mlm
5) N-HEXADECANE	9.885	321890	2.321 ug/ml
6) N-OCTADECANE	11.329	337162	2.392 ug/ml
7) N-EICOSANE	12.638	345345	2.442 ug/ml
8) N-DOCOSANE	13.838	346119	2.500 ug/ml
10) N-TETRACOSANE	14.943	344201	2.498 ug/ml
11) N-HEXACOSANE	15.965	338264	2.507 ug/ml
12) N-OCTACOSANE	16.917	334078	2.548 ug/ml
13) N-TRIACONTANE	17.807	333495	2.591 ug/ml
14) N-DOTRIACONTANE	18.640	313080	2.464 ug/ml
15) N-TETRATRIACONTANE	19.424	261710	2.085 ug/mlm
16) N-HEXATRIACONTANE	20.166	204403	1.697 ug/mlm
17) N-OCTATRIACONTANE	20.875	178471	1.452 ug/mlm
18) N-TETRACONTANE	21.700	158844	1.264 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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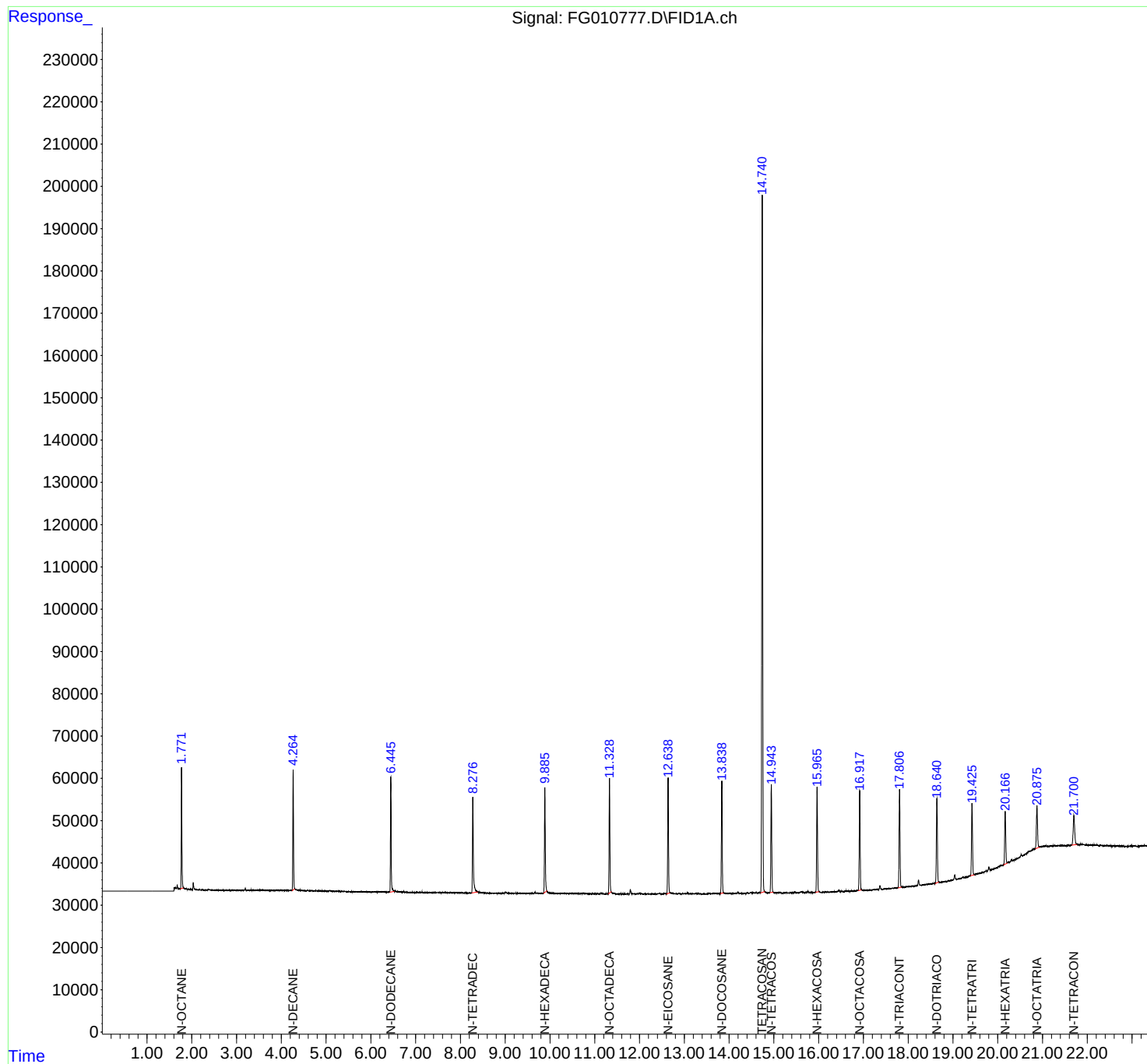
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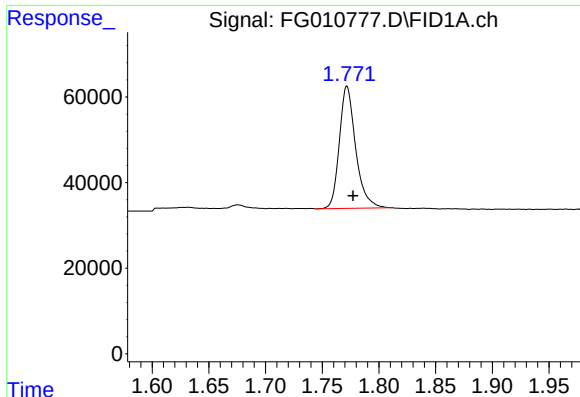
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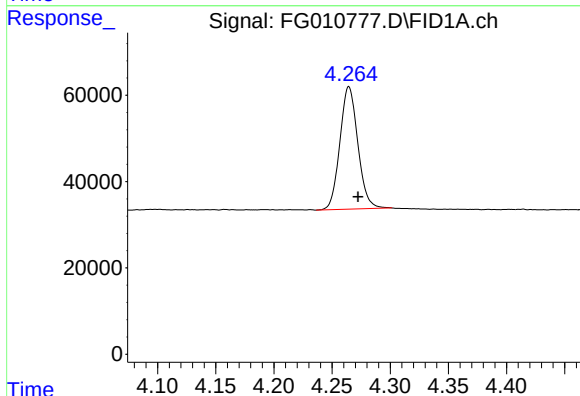
#1 N-OCTANE

R.T.: 1.772 min
Delta R.T.: -0.005 min
Response: 286082
Conc: 2.24 ug/ml

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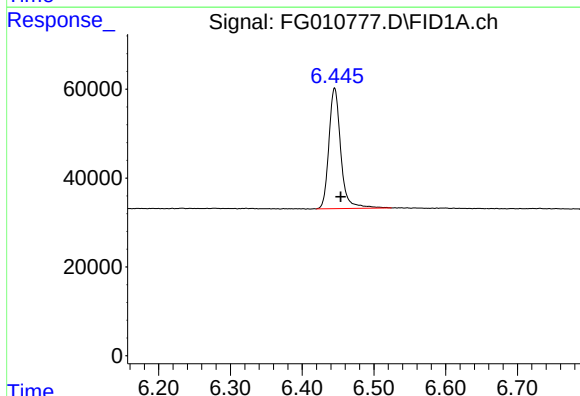
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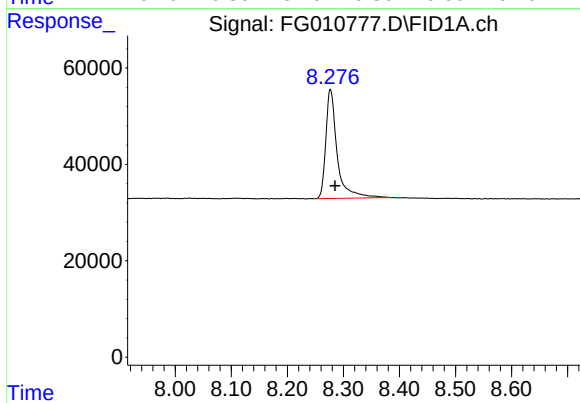
#2 N-DECANE

R.T.: 4.265 min
Delta R.T.: -0.008 min
Response: 304770
Conc: 2.34 ug/ml



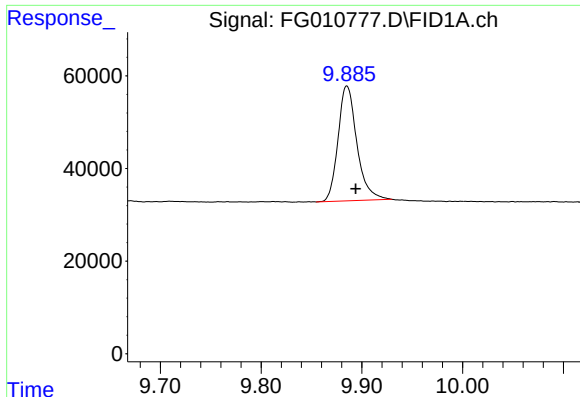
#3 N-DODECANE

R.T.: 6.445 min
Delta R.T.: -0.009 min
Response: 312039
Conc: 2.35 ug/ml m



#4 N-TETRADECANE

R.T.: 8.276 min
Delta R.T.: -0.009 min
Response: 318862
Conc: 2.38 ug/ml m



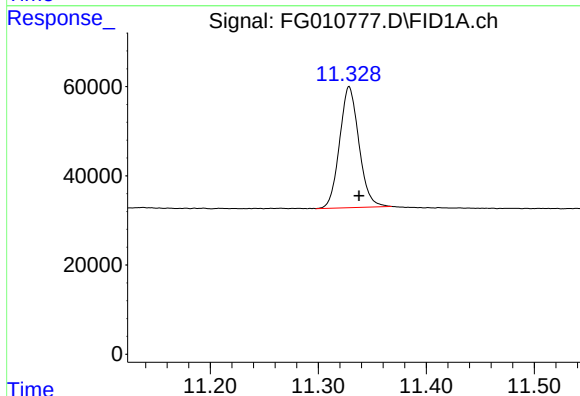
#5 N-HEXADECANE

R.T.: 9.885 min
Delta R.T.: -0.009 min
Response: 321890
Conc: 2.32 ug/ml

Instrument :
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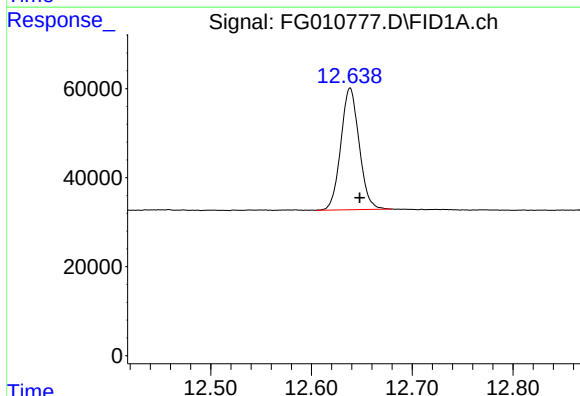
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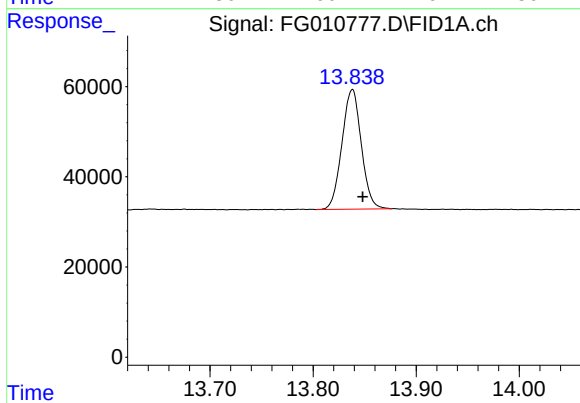
#6 N-OCTADECANE

R.T.: 11.329 min
Delta R.T.: -0.009 min
Response: 337162
Conc: 2.39 ug/ml



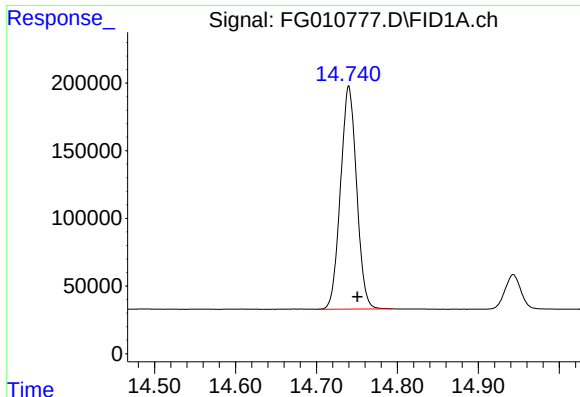
#7 N-EICOSANE

R.T.: 12.638 min
Delta R.T.: -0.009 min
Response: 345345
Conc: 2.44 ug/ml



#8 N-DOCOSANE

R.T.: 13.838 min
Delta R.T.: -0.010 min
Response: 346119
Conc: 2.50 ug/ml



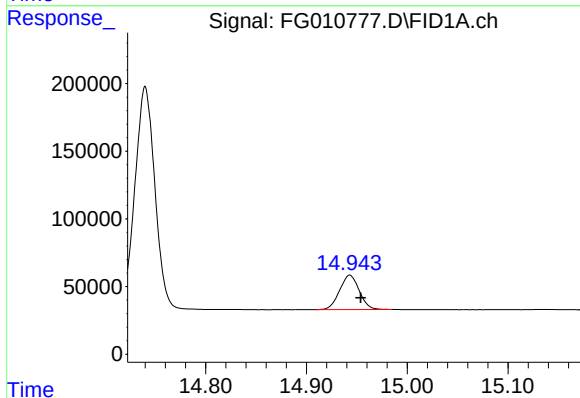
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.740 min
Delta R.T.: -0.011 min
Response: 2279324
Conc: 18.79 ug/ml

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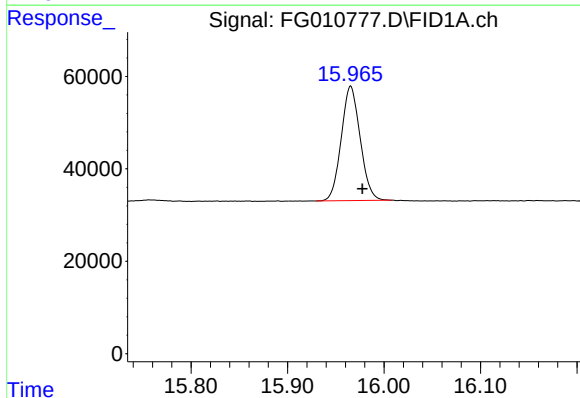
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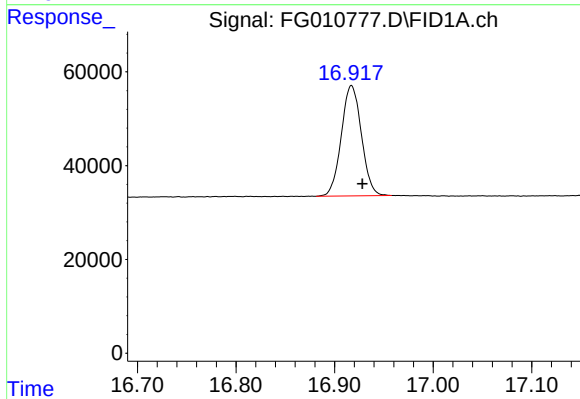
#10 N-TETRACOSANE

R.T.: 14.943 min
Delta R.T.: -0.011 min
Response: 344201
Conc: 2.50 ug/ml



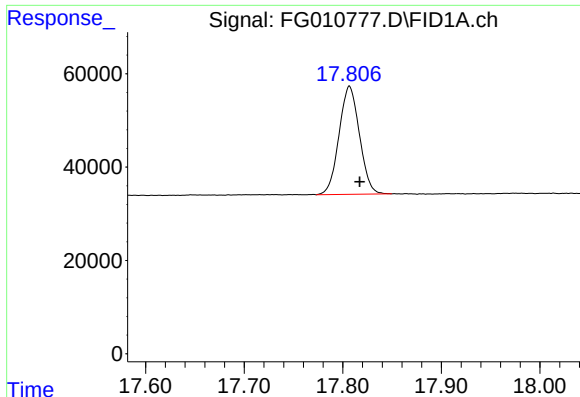
#11 N-HEXACOSANE

R.T.: 15.965 min
Delta R.T.: -0.012 min
Response: 338264
Conc: 2.51 ug/ml



#12 N-OCTACOSANE

R.T.: 16.917 min
Delta R.T.: -0.011 min
Response: 334078
Conc: 2.55 ug/ml



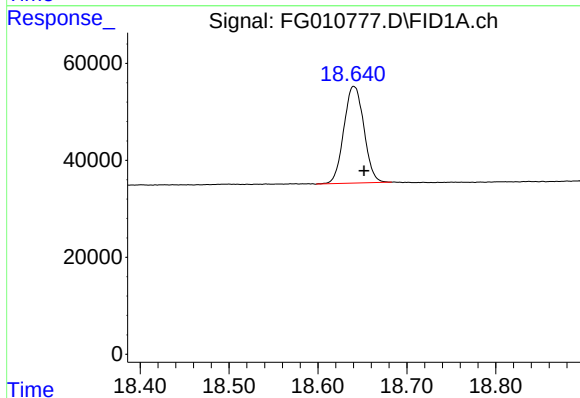
#13 N-TRIACONTANE

R.T.: 17.807 min
Delta R.T.: -0.010 min
Response: 333495
Conc: 2.59 ug/ml

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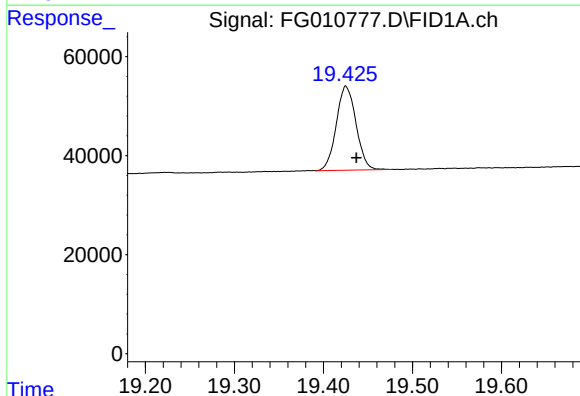
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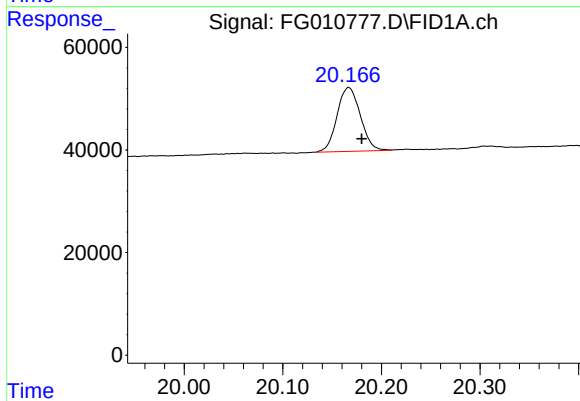
#14 N-DOTRIACONTANE

R.T.: 18.640 min
Delta R.T.: -0.012 min
Response: 313080
Conc: 2.46 ug/ml



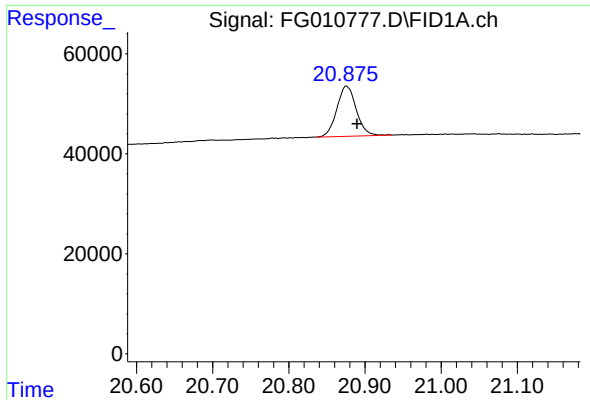
#15 N-TETRATRIACONTANE

R.T.: 19.424 min
Delta R.T.: -0.013 min
Response: 261710
Conc: 2.08 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.166 min
Delta R.T.: -0.014 min
Response: 204403
Conc: 1.70 ug/ml m



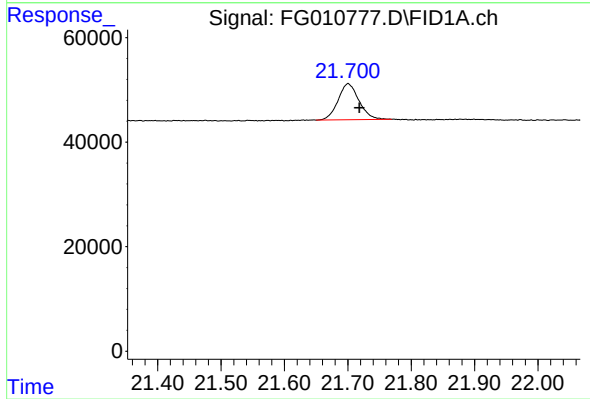
#17 N-OCTATRIACONTANE

R.T.: 20.875 min
Delta R.T.: -0.015 min
Response: 178471
Conc: 1.45 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.700 min
Delta R.T.: -0.018 min
Response: 158844
Conc: 1.26 ug/ml m