

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG073123\
 Data File : FG012581.D
 Signal(s) : FID1A.ch
 Acq On : 31 Jul 2023 10:56
 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 08/01/2023
 Supervised By :Ankita Jodhani 08/01/2023

Integration File: Sample.e
 Quant Time: Jul 31 12:03:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070623.M
 Quant Title :
 QLast Update : Thu Jul 06 13:57:02 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...	14.976	4728120	44.244 ug/ml
Target Compounds			
1) N-OCTANE	2.003	5467900	45.509 ug/mlm
2) N-DECANE	4.513	5932207	48.669 ug/ml
3) N-DODECANE	6.683	5865651	47.880 ug/ml
4) N-TETRADECANE	8.512	5743973	48.336 ug/ml
5) N-HEXADECANE	10.121	5623929	44.852 ug/ml
6) N-OCTADECANE	11.565	5589685	43.513 ug/ml
7) N-EICOSANE	12.876	5594047	44.287 ug/ml
8) N-DOCOSANE	14.076	5477522	44.580 ug/ml
10) N-TETRACOSANE	15.180	5474830	41.382 ug/ml
11) N-HEXACOSANE	16.203	5121289	43.763 ug/ml
12) N-OCTACOSANE	17.153	5057584	44.297 ug/ml
13) N-TRIACONTANE	18.042	4977958	44.890 ug/ml
14) N-DOTRIACONTANE	18.876	4757622	45.520 ug/ml
15) N-TETRATRIACONTANE	19.662	4161239	42.262 ug/ml
16) N-HEXATRIACONTANE	20.402	3829649	41.404 ug/ml
17) N-OCTATRIACONTANE	21.137	3581756	40.167 ug/ml
18) N-TETRACONTANE	22.042	3354311	37.784 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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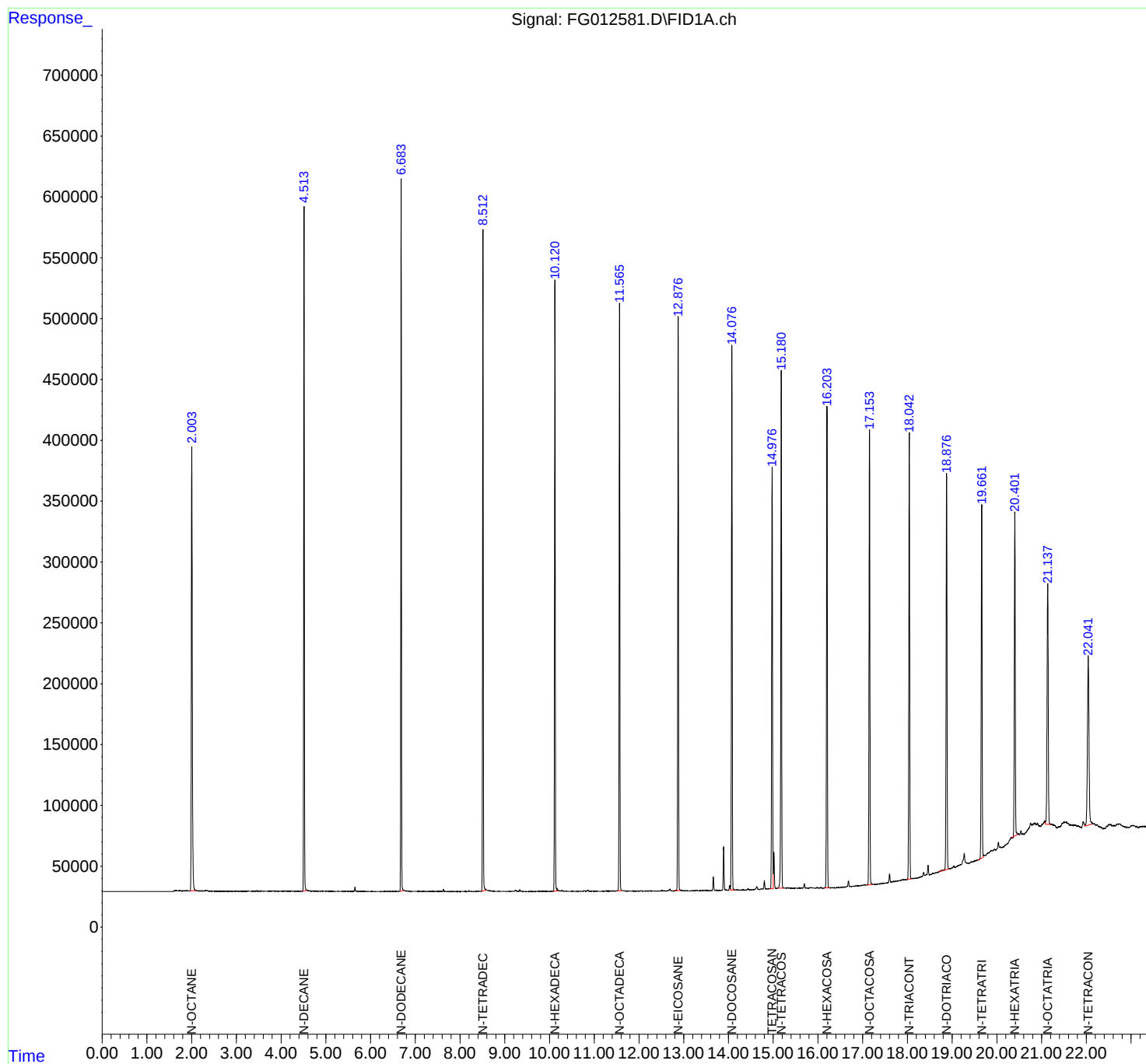
Instrument :
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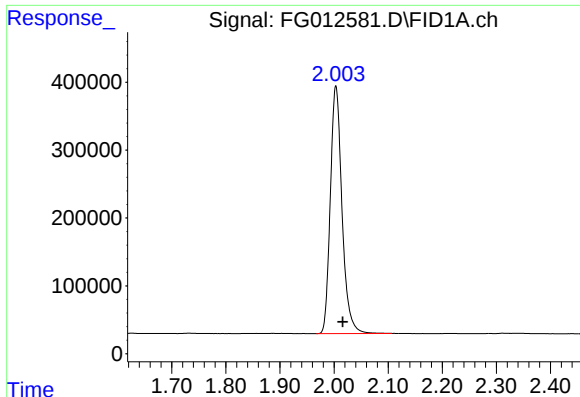
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Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 2.003 min
Delta R.T.: -0.013 min
Response: 5467900
Conc: 45.51 ug/ml

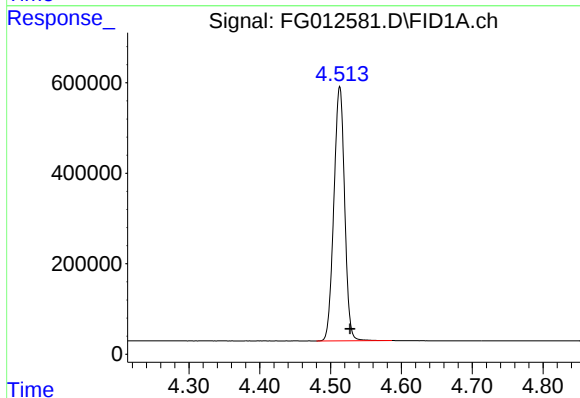
Instrument :

FID_G

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50 PPM TRPH STD

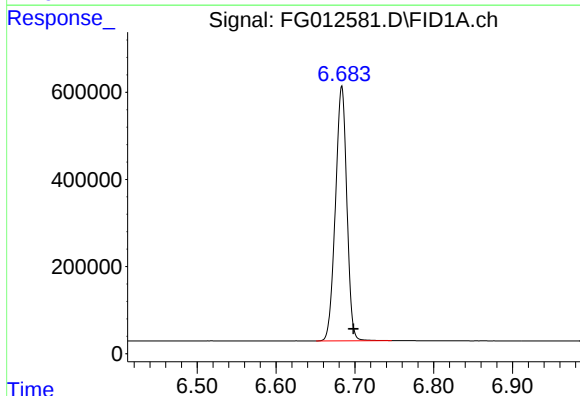
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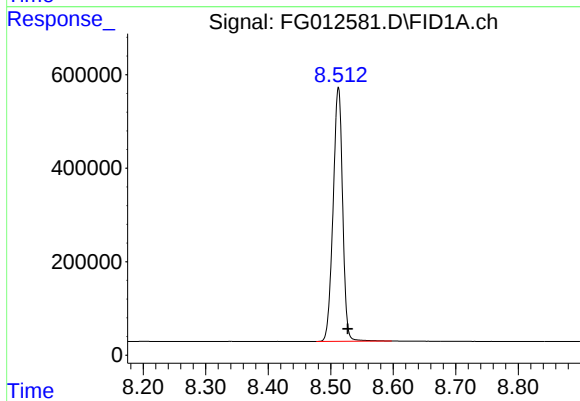
#2 N-DECANE

R.T.: 4.513 min
Delta R.T.: -0.015 min
Response: 5932207
Conc: 48.67 ug/ml



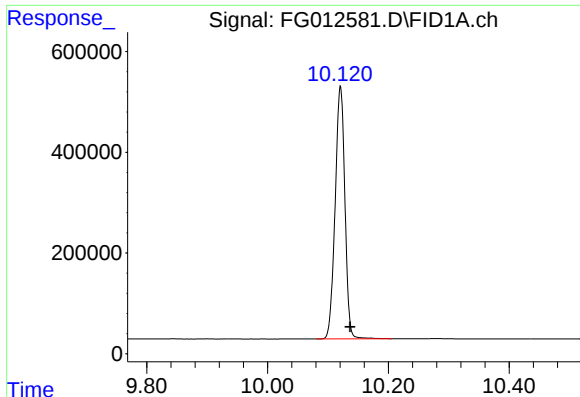
#3 N-DODECANE

R.T.: 6.683 min
Delta R.T.: -0.015 min
Response: 5865651
Conc: 47.88 ug/ml



#4 N-TETRADECANE

R.T.: 8.512 min
Delta R.T.: -0.015 min
Response: 5743973
Conc: 48.34 ug/ml



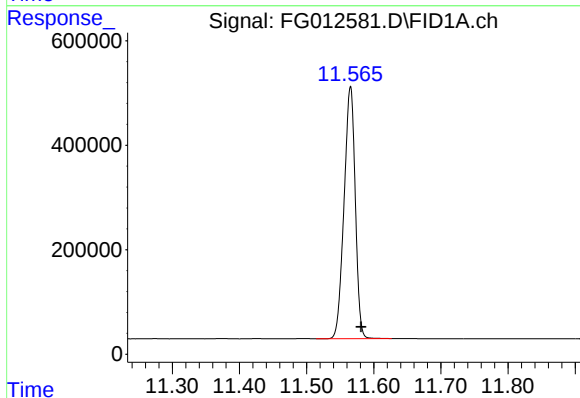
#5 N-HEXADECANE

R.T.: 10.121 min
Delta R.T.: -0.016 min
Response: 5623929
Conc: 44.85 ug/ml

Instrument :
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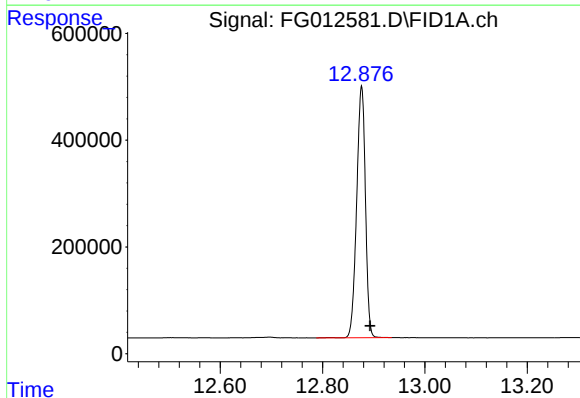
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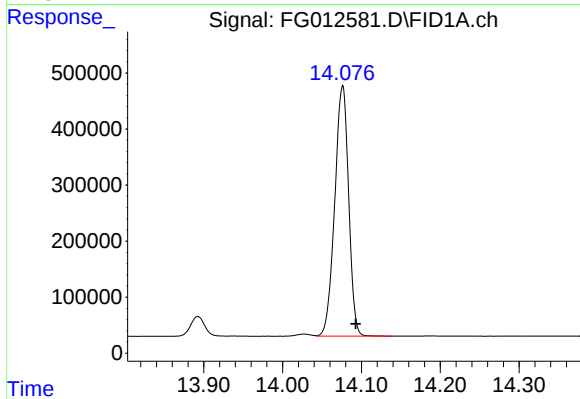
#6 N-OCTADECANE

R.T.: 11.565 min
Delta R.T.: -0.016 min
Response: 5589685
Conc: 43.51 ug/ml



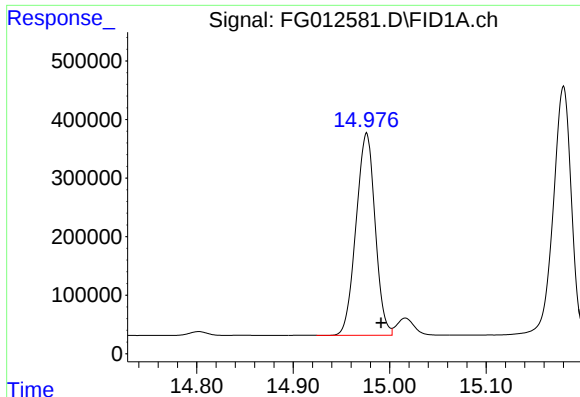
#7 N-EICOSANE

R.T.: 12.876 min
Delta R.T.: -0.016 min
Response: 5594047
Conc: 44.29 ug/ml



#8 N-DOCOSANE

R.T.: 14.076 min
Delta R.T.: -0.016 min
Response: 5477522
Conc: 44.58 ug/ml



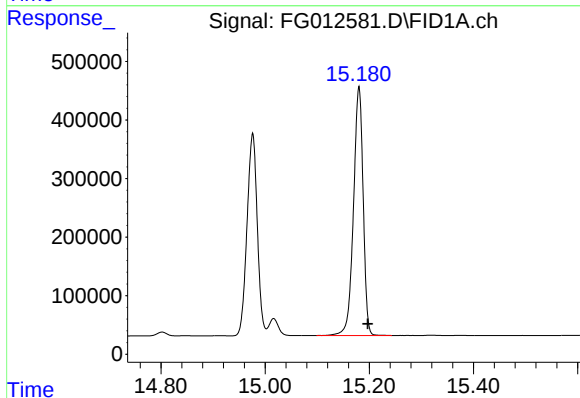
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.976 min
Delta R.T.: -0.015 min
Response: 4728120
Conc: 44.24 ug/ml

Instrument :
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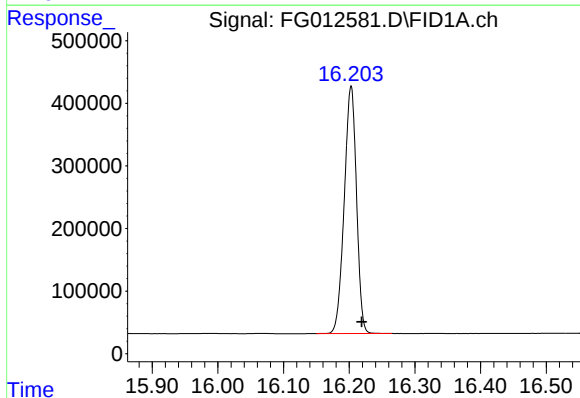
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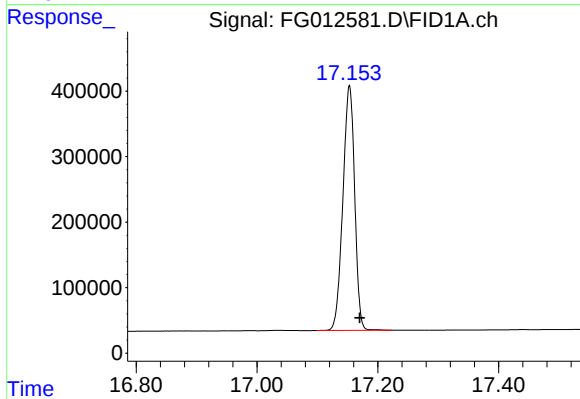
#10 N-TETRACOSANE

R.T.: 15.180 min
Delta R.T.: -0.017 min
Response: 5474830
Conc: 41.38 ug/ml



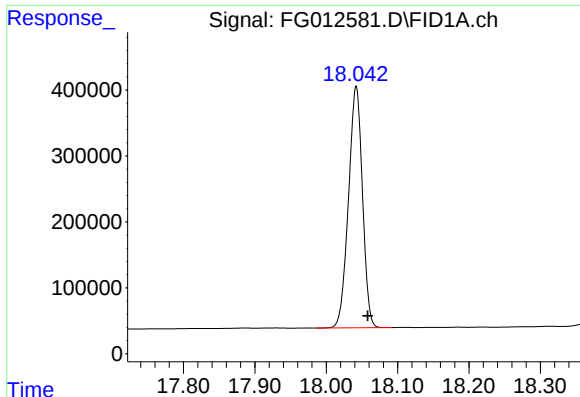
#11 N-HEXACOSANE

R.T.: 16.203 min
Delta R.T.: -0.016 min
Response: 5121289
Conc: 43.76 ug/ml



#12 N-OCTACOSANE

R.T.: 17.153 min
Delta R.T.: -0.017 min
Response: 5057584
Conc: 44.30 ug/ml



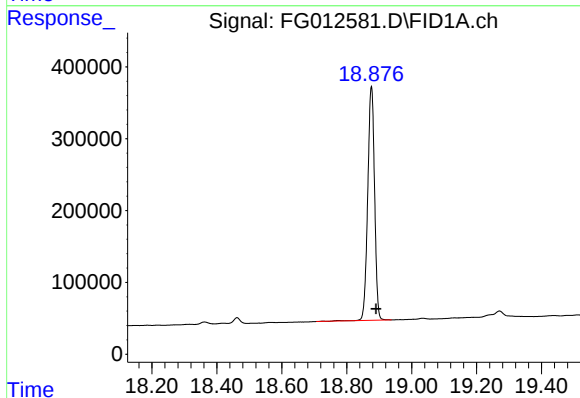
#13 N-TRIACONTANE

R.T.: 18.042 min
Delta R.T.: -0.016 min
Response: 4977958
Conc: 44.89 ug/ml

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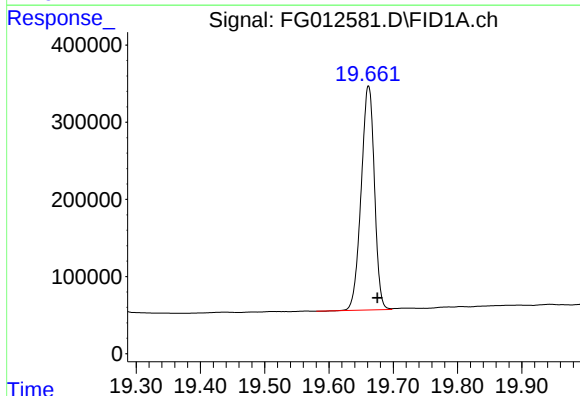
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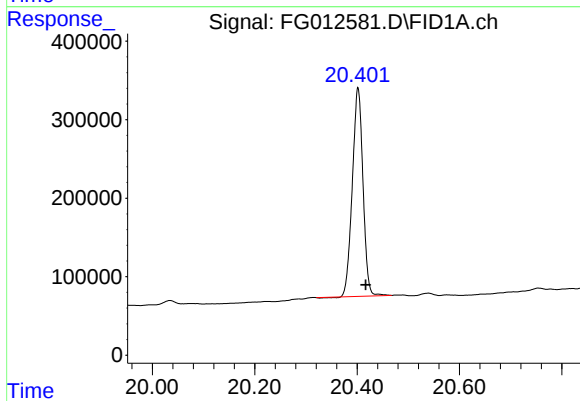
#14 N-DOTRIACONTANE

R.T.: 18.876 min
Delta R.T.: -0.015 min
Response: 4757622
Conc: 45.52 ug/ml



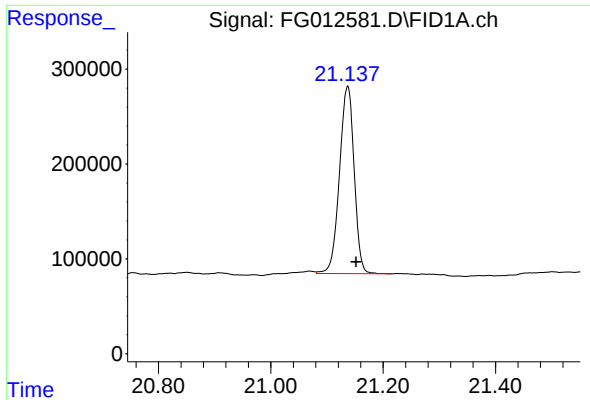
#15 N-TETRATRIACONTANE

R.T.: 19.662 min
Delta R.T.: -0.014 min
Response: 4161239
Conc: 42.26 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.402 min
Delta R.T.: -0.015 min
Response: 3829649
Conc: 41.40 ug/ml



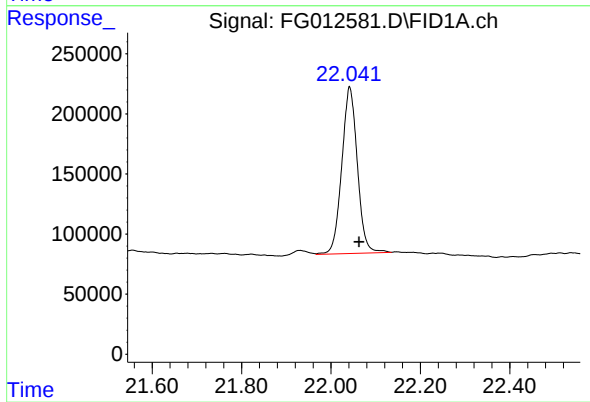
#17 N-OCTATRIACONTANE

R.T.: 21.137 min
Delta R.T.: -0.015 min
Response: 3581756
Conc: 40.17 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.042 min
Delta R.T.: -0.021 min
Response: 3354311
Conc: 37.78 ug/ml