

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG010224\
 Data File : FG013328.D
 Signal(s) : FID1A.ch
 Acq On : 02 Jan 2024 14:18
 Operator : YP\AJ
 Sample : 06041-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 BU-02-12282023MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/03/2024
 Supervised By :Ankita Jodhani 01/03/2024

Integration File: autoint1.e
 Quant Time: Jan 03 01:08:52 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120423.M
 Quant Title :
 QLast Update : Mon Dec 04 11:42:34 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...	15.071	1364111	12.707 ug/mlm
Target Compounds			
1) N-OCTANE	2.069	1301831	10.672 ug/ml
2) N-DECANE	4.583	1553897	12.293 ug/ml
3) N-DODECANE	6.757	1316927	10.485 ug/ml
4) N-TETRADECANE	8.594	1851660	15.339 ug/ml
5) N-HEXADECANE	10.206	1970809	16.214 ug/ml
6) N-OCTADECANE	11.655	2087425	17.369 ug/ml
7) N-EICOSANE	12.969	2068995	17.509 ug/ml
8) N-DOCOSANE	14.170	1984454	17.495 ug/ml
10) N-TETRACOSANE	15.277	2258228	19.390 ug/mlm
11) N-HEXACOSANE	16.300	1979723	17.777 ug/ml
12) N-OCTACOSANE	17.252	1962331	17.781 ug/mlm
13) N-TRIACONTANE	18.141	1963709	17.880 ug/ml
14) N-DOTRIACONTANE	18.974	2082532	19.469 ug/mlm
15) N-TETRATRIACONTANE	19.760	1736959	18.490 ug/mlm
16) N-HEXATRIACONTANE	20.502	1503318	19.385 ug/mlm
17) N-OCTATRIACONTANE	21.255	1295026	18.739 ug/ml
18) N-TETRACONTANE	22.202	1193454	16.468 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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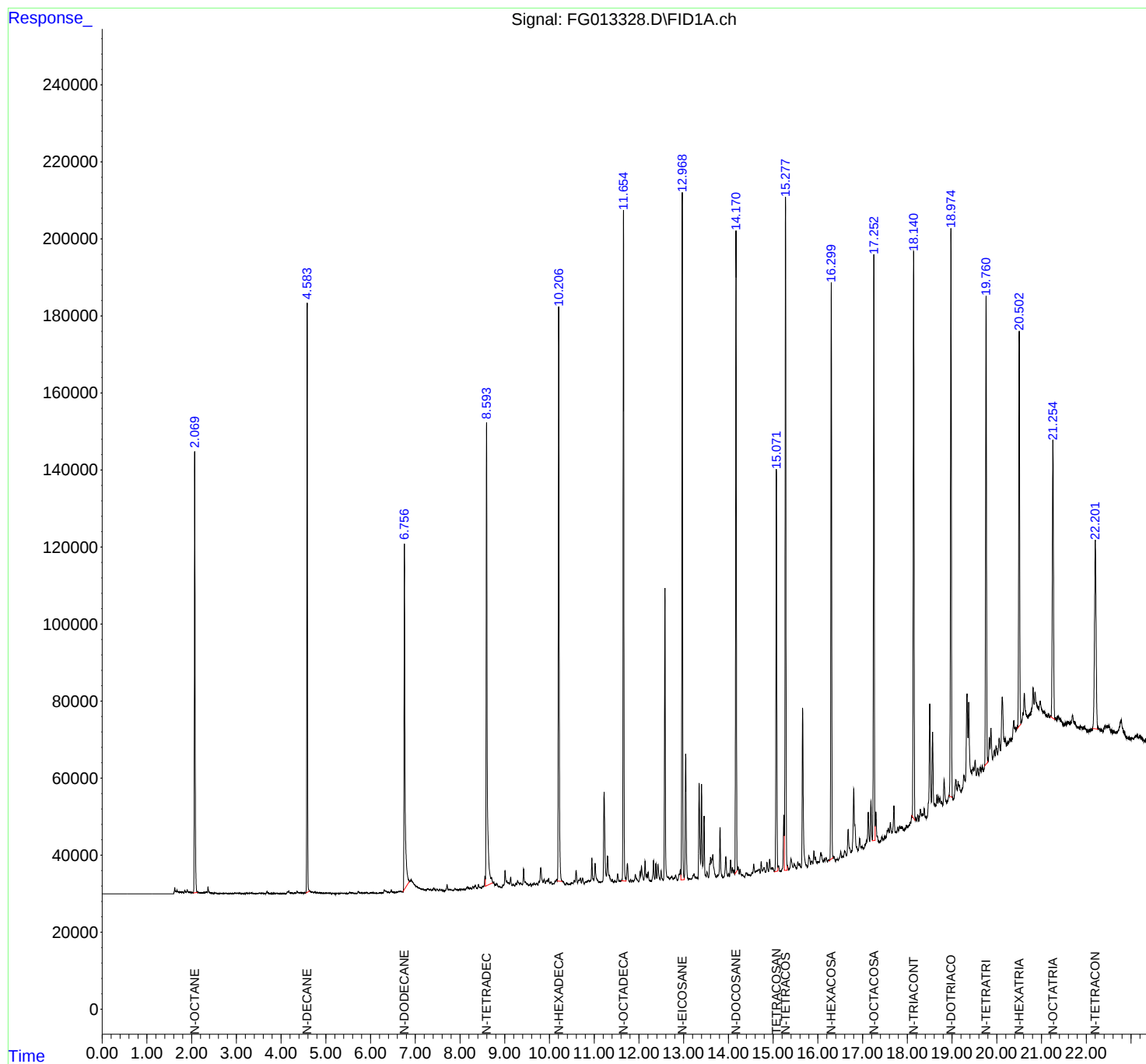
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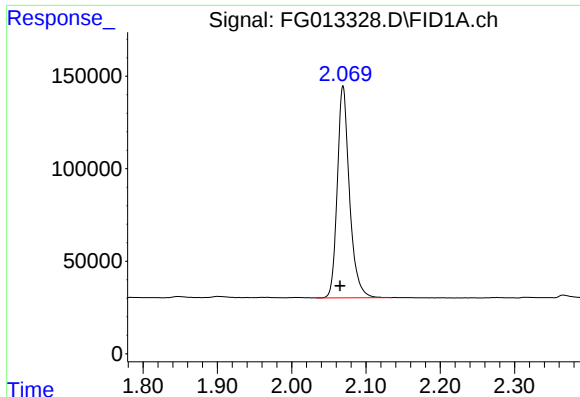
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 2.069 min
Delta R.T.: 0.004 min
Response: 1301831
Conc: 10.67 ug/ml

Instrument :

FID_G

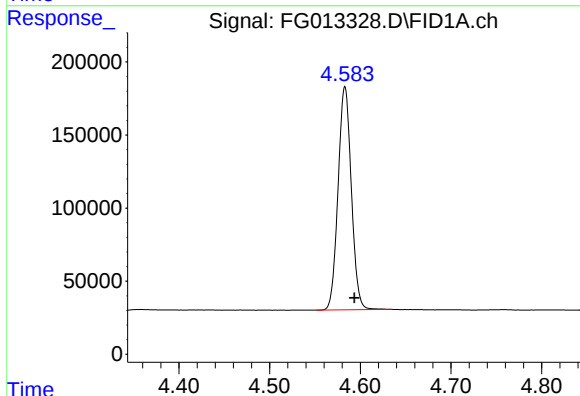
ClientSampleId :

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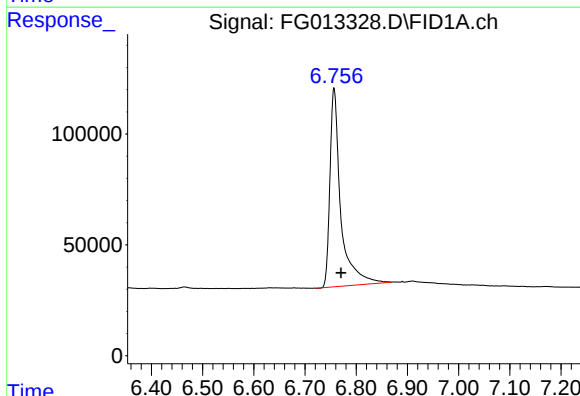
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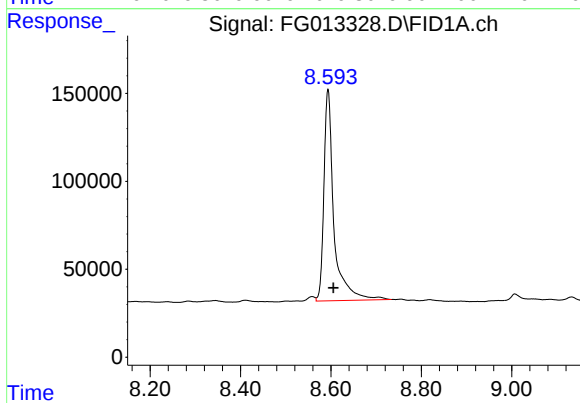
#2 N-DECANE

R.T.: 4.583 min
Delta R.T.: -0.010 min
Response: 1553897
Conc: 12.29 ug/ml



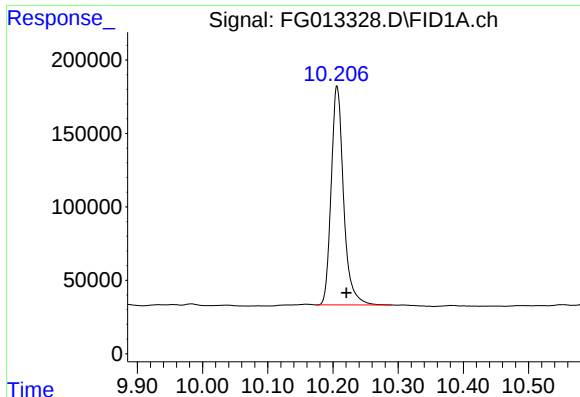
#3 N-DODECANE

R.T.: 6.757 min
Delta R.T.: -0.014 min
Response: 1316927
Conc: 10.49 ug/ml



#4 N-TETRADECANE

R.T.: 8.594 min
Delta R.T.: -0.012 min
Response: 1851660
Conc: 15.34 ug/ml



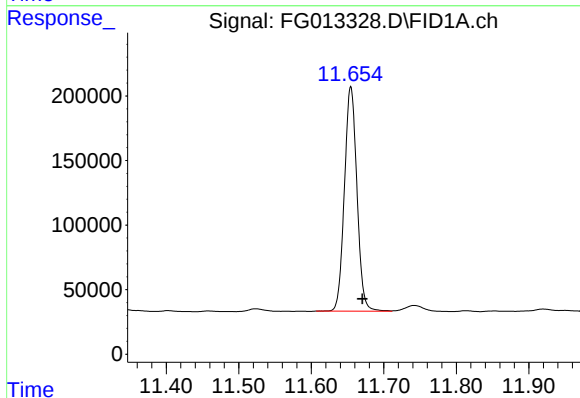
#5 N-HEXADECANE

R.T.: 10.206 min
Delta R.T.: -0.014 min
Response: 1970809
Conc: 16.21 ug/ml

Instrument :
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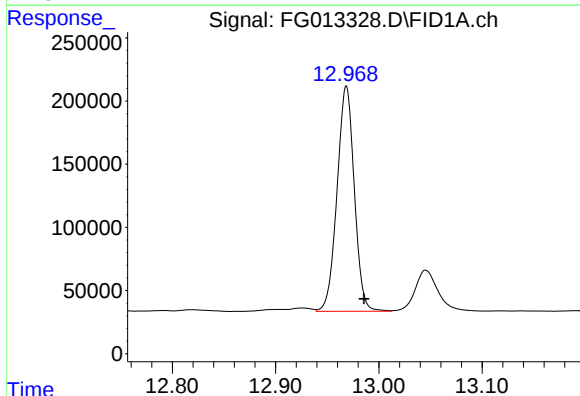
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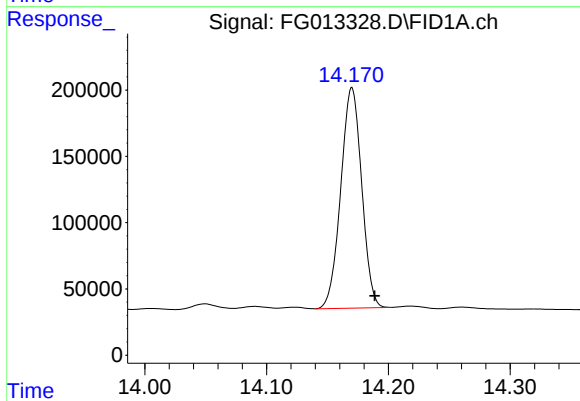
#6 N-OCTADECANE

R.T.: 11.655 min
Delta R.T.: -0.016 min
Response: 2087425
Conc: 17.37 ug/ml



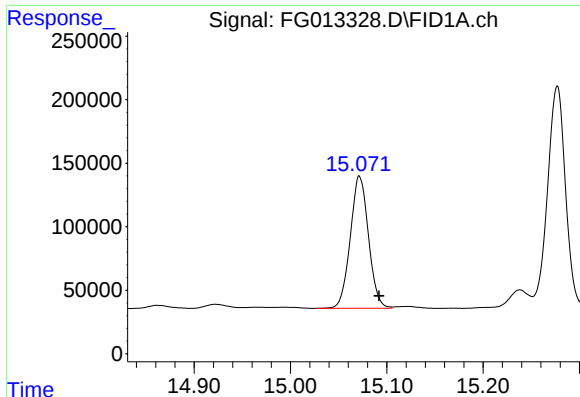
#7 N-EICOSANE

R.T.: 12.969 min
Delta R.T.: -0.017 min
Response: 2068995
Conc: 17.51 ug/ml



#8 N-DOCOSANE

R.T.: 14.170 min
Delta R.T.: -0.019 min
Response: 1984454
Conc: 17.50 ug/ml



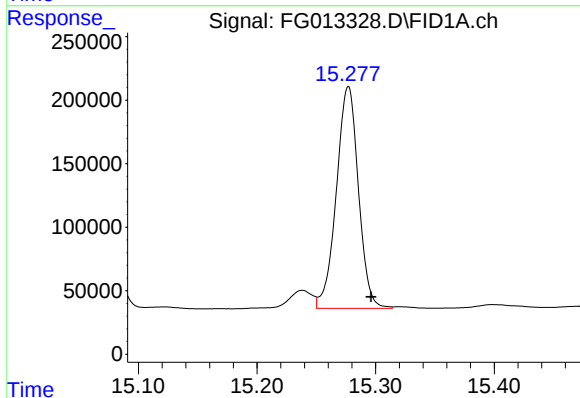
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.071 min
Delta R.T.: -0.021 min
Response: 1364111
Conc: 12.71 ug/ml

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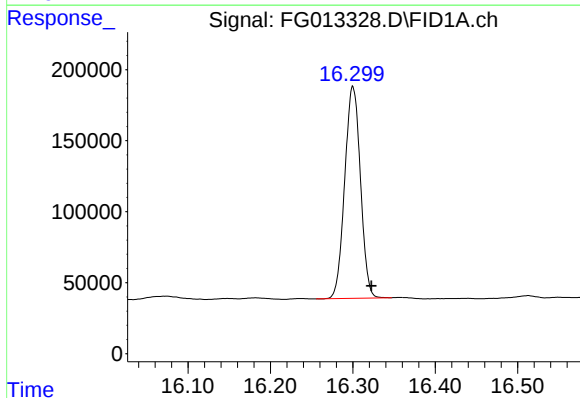
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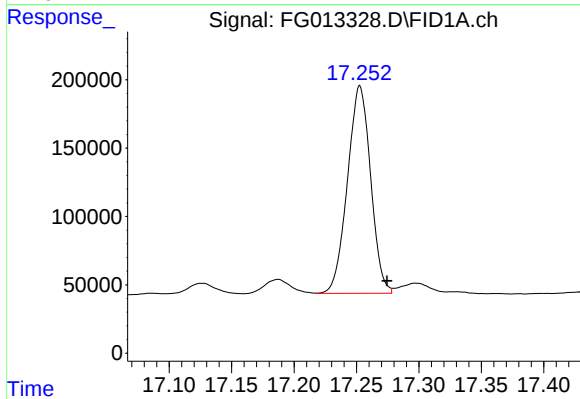
#10 N-TETRACOSANE

R.T.: 15.277 min
Delta R.T.: -0.019 min
Response: 2258228
Conc: 19.39 ug/ml m



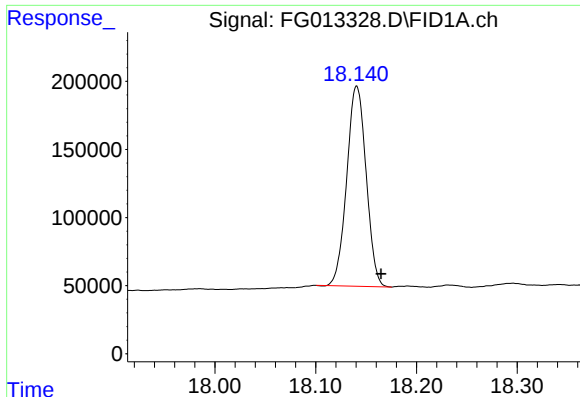
#11 N-HEXACOSANE

R.T.: 16.300 min
Delta R.T.: -0.023 min
Response: 1979723
Conc: 17.78 ug/ml



#12 N-OCTACOSANE

R.T.: 17.252 min
Delta R.T.: -0.022 min
Response: 1962331
Conc: 17.78 ug/ml m



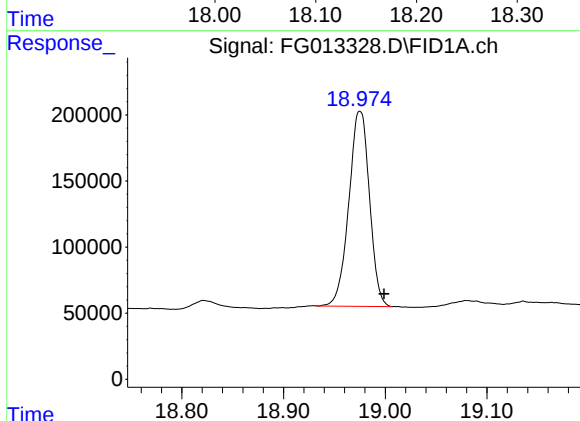
#13 N-TRIACONTANE

R.T.: 18.141 min
Delta R.T.: -0.024 min
Response: 1963709
Conc: 17.88 ug/ml

Instrument :
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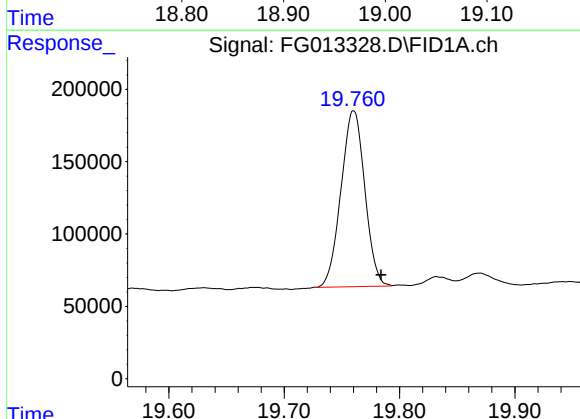
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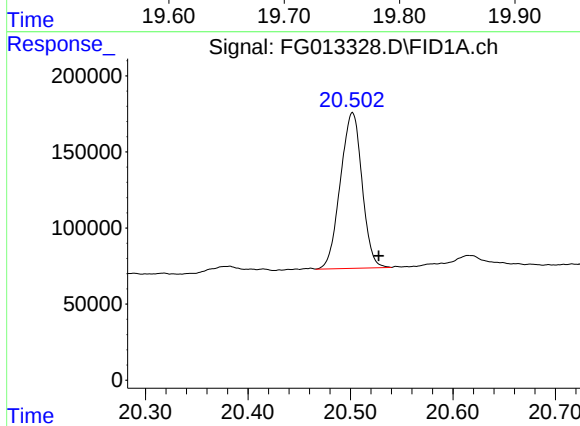
#14 N-DOTRIACONTANE

R.T.: 18.974 min
Delta R.T.: -0.024 min
Response: 2082532
Conc: 19.47 ug/ml m



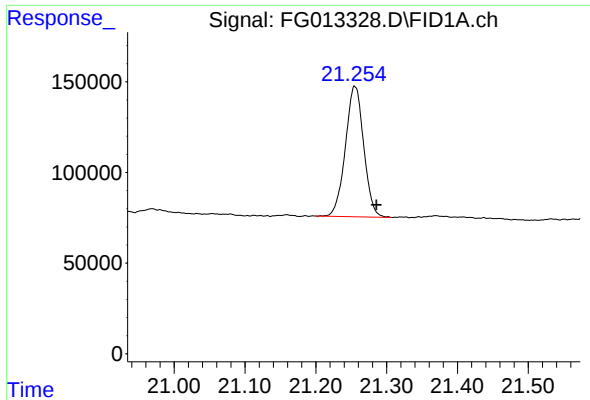
#15 N-TETRATRIACONTANE

R.T.: 19.760 min
Delta R.T.: -0.024 min
Response: 1736959
Conc: 18.49 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.502 min
Delta R.T.: -0.026 min
Response: 1503318
Conc: 19.39 ug/ml m



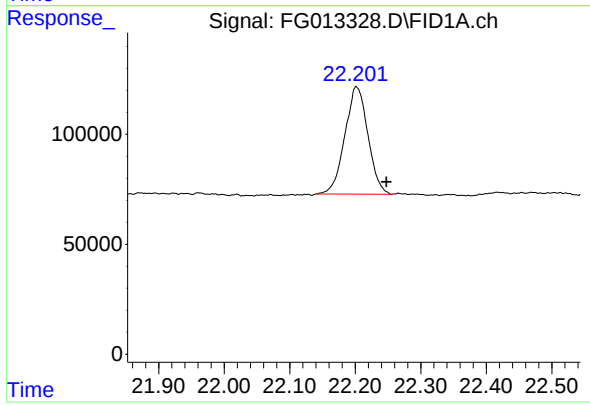
#17 N-OCTATRIACONTANE

R.T.: 21.255 min
Delta R.T.: -0.030 min
Response: 1295026
Conc: 18.74 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.202 min
Delta R.T.: -0.046 min
Response: 1193454
Conc: 16.47 ug/ml