

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG122623\
 Data File : FG013317.D
 Signal(s) : FID1A.ch
 Acq On : 26 Dec 2023 14:53
 Operator : YP\AJ
 Sample : 06017-03MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 SB32-2-20231222-7.5-8.5MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/27/2023
 Supervised By :Ankita Jodhani 12/28/2023

Integration File: autoint1.e
 Quant Time: Dec 26 22:29:37 2023
 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...	15.075	1885337	17.562 ug/mlm
Target Compounds			
1) N-OCTANE	2.054	2812020	23.052 ug/mlm
2) N-DECANE	4.585	3136539	24.814 ug/mlm
3) N-DODECANE	6.761	3650028	29.061 ug/mlm
4) N-TETRADECANE	8.594	2769553	22.942 ug/mlm
5) N-HEXADECANE	10.208	2816069	23.169 ug/ml
6) N-OCTADECANE	11.657	2856717	23.770 ug/ml
7) N-EICOSANE	12.971	2761631	23.371 ug/ml
8) N-DOCOSANE	14.173	2608064	22.993 ug/mlm
10) N-TETRACOSANE	15.279	2881900	24.745 ug/ml
11) N-HEXACOSANE	16.304	2428434	21.806 ug/ml
12) N-OCTACOSANE	17.255	2421531	21.942 ug/mlm
13) N-TRIACONTANE	18.145	2275524	20.720 ug/mlm
14) N-DOTRIACONTANE	18.979	2271782	21.238 ug/mlm
15) N-TETRATRIACONTANE	19.763	1802176	19.184 ug/ml
16) N-HEXATRIACONTANE	20.503	1372472	17.698 ug/mlm
17) N-OCTATRIACONTANE	21.259	1082698	15.667 ug/ml
18) N-TETRACONTANE	22.206	919499	12.688 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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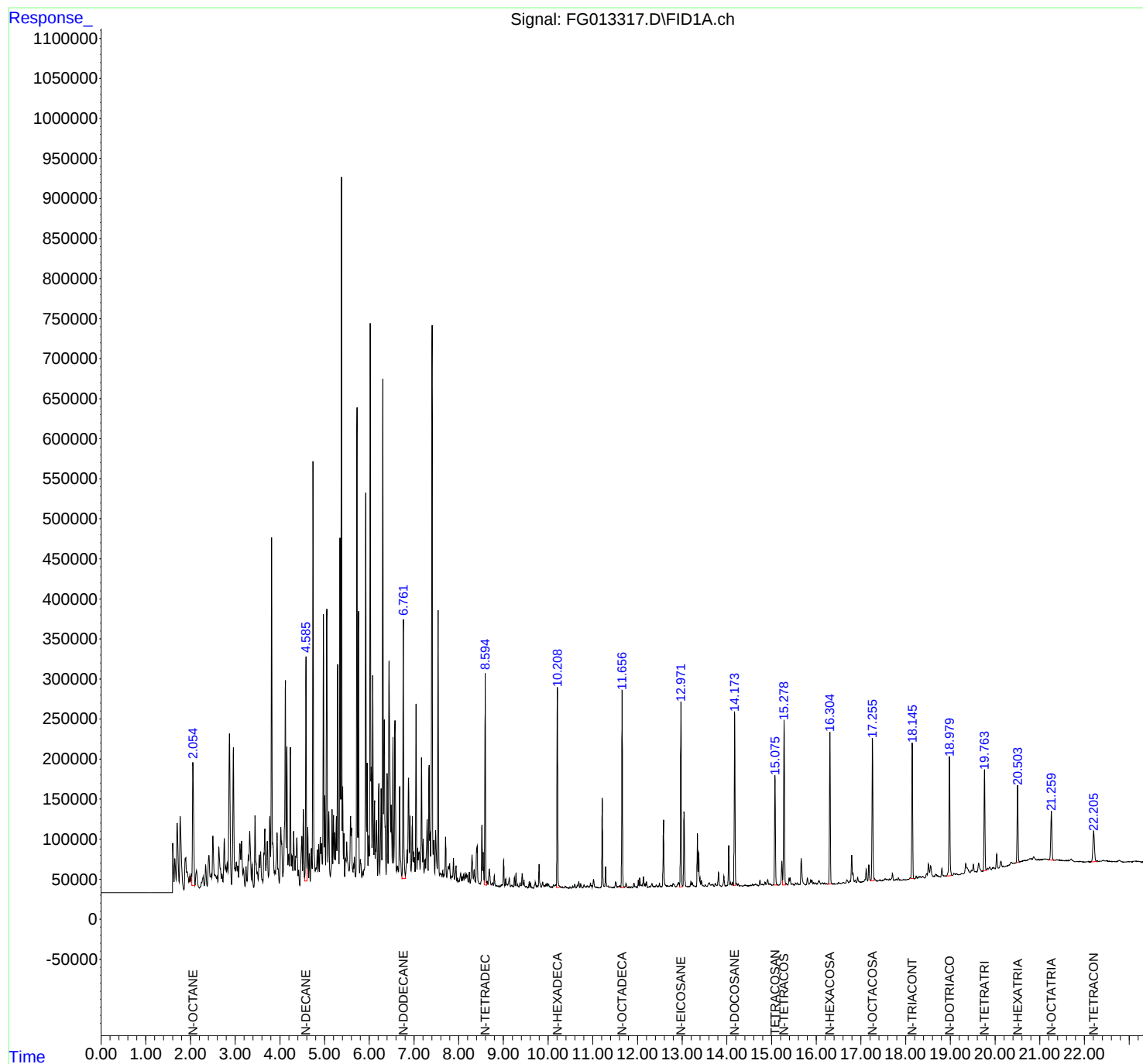
Instrument :
FID_G
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SB32-2-20231222-7.5-8.5MSD

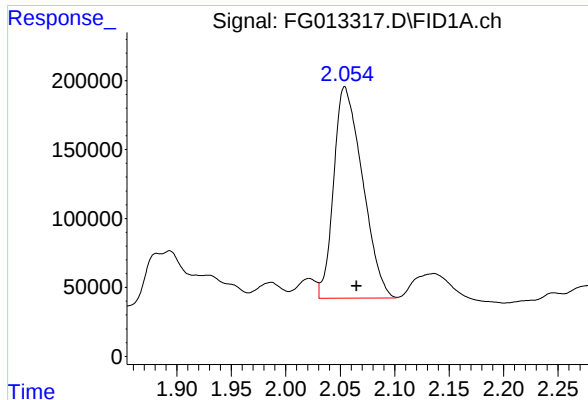
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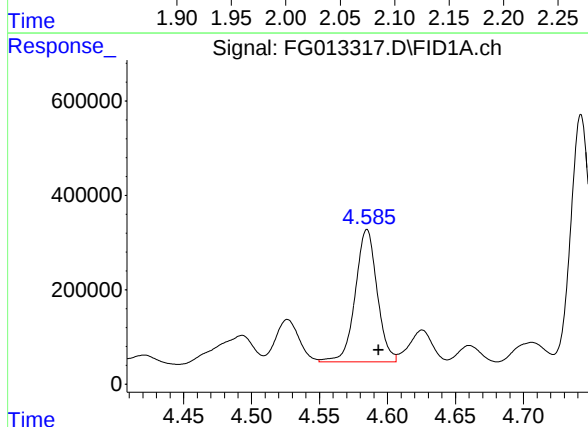
#1 N-OCTANE

R.T.: 2.054 min
Delta R.T.: -0.011 min
Response: 2812020
Conc: 23.05 ug/ml

Instrument :
FID_G
ClientSampleId :
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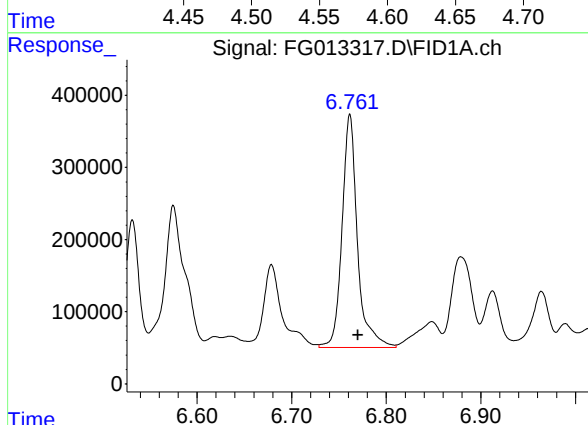
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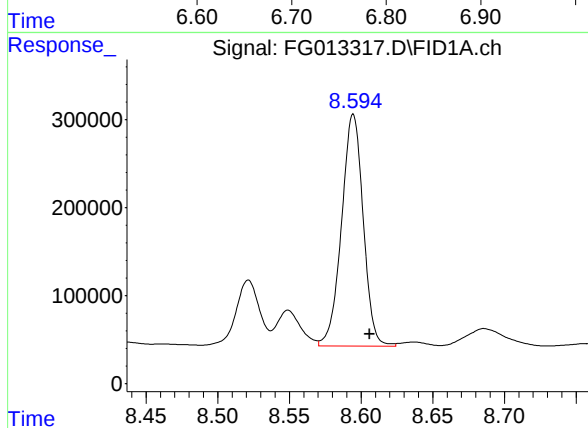
#2 N-DECANE

R.T.: 4.585 min
Delta R.T.: -0.009 min
Response: 3136539
Conc: 24.81 ug/ml m



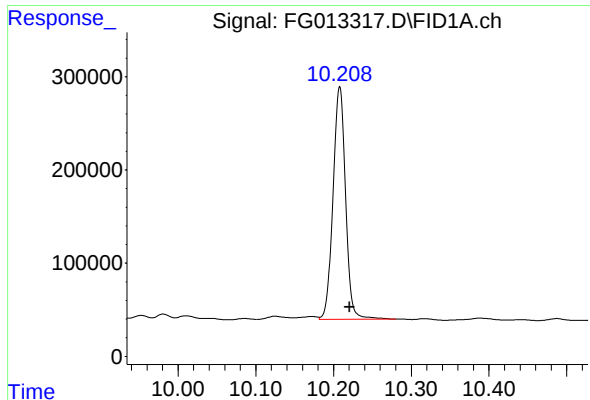
#3 N-DODECANE

R.T.: 6.761 min
Delta R.T.: -0.009 min
Response: 3650028
Conc: 29.06 ug/ml m



#4 N-TETRADECANE

R.T.: 8.594 min
Delta R.T.: -0.012 min
Response: 2769553
Conc: 22.94 ug/ml m



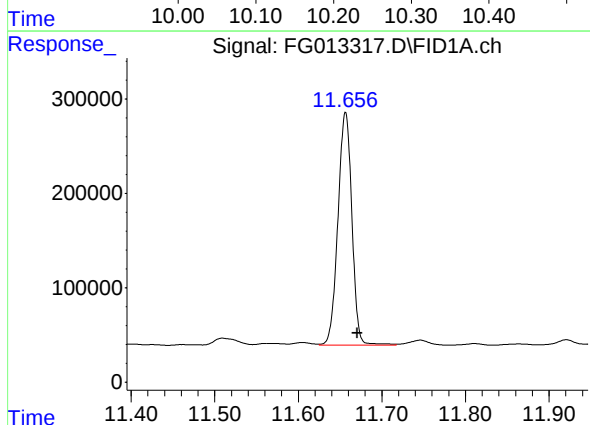
#5 N-HEXADECANE

R.T.: 10.208 min
Delta R.T.: -0.012 min
Response: 2816069
Conc: 23.17 ug/ml

Instrument :
FID_G
ClientSampleId :
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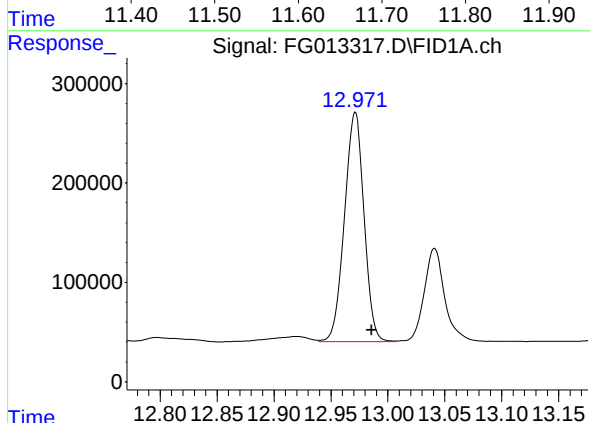
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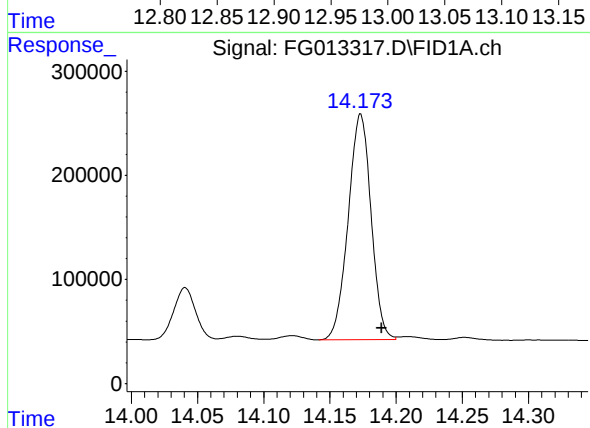
#6 N-OCTADECANE

R.T.: 11.657 min
Delta R.T.: -0.014 min
Response: 2856717
Conc: 23.77 ug/ml



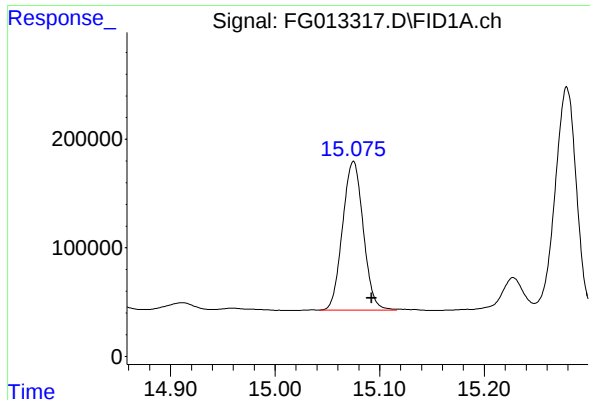
#7 N-EICOSANE

R.T.: 12.971 min
Delta R.T.: -0.014 min
Response: 2761631
Conc: 23.37 ug/ml



#8 N-DOCOSANE

R.T.: 14.173 min
Delta R.T.: -0.016 min
Response: 2608064
Conc: 22.99 ug/ml m



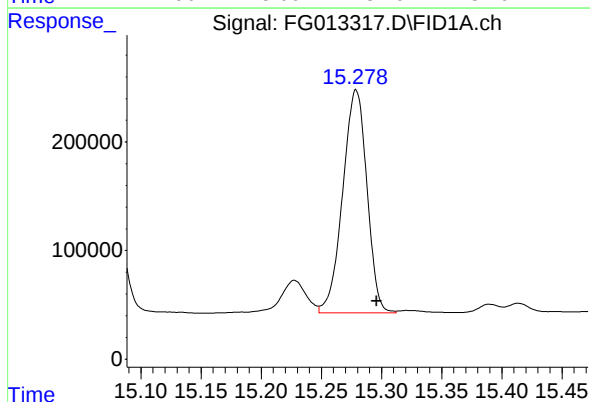
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.075 min
Delta R.T.: -0.017 min
Response: 1885337
Conc: 17.56 ug/ml

Instrument : FID_G
ClientSampleId : SB32-2-20231222-7.5-8.5MSD

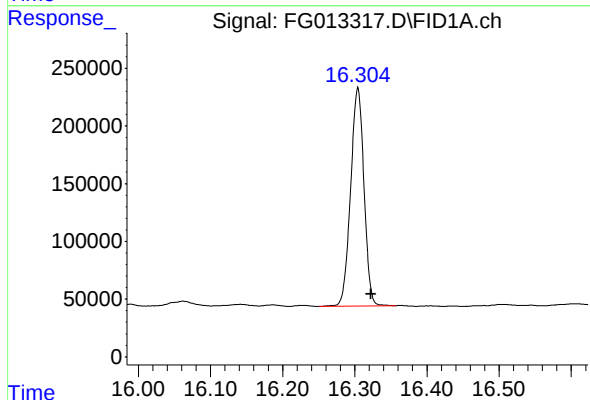
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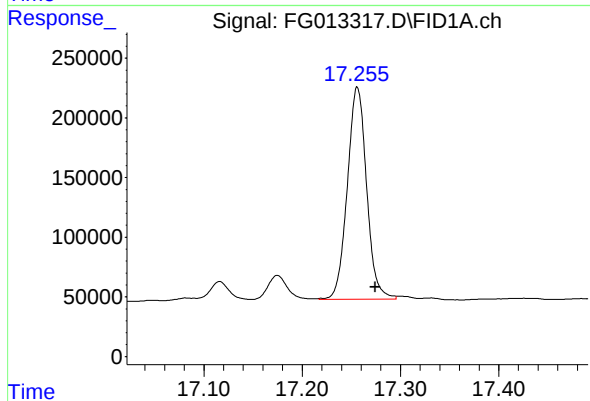
#10 N-TETRACOSANE

R.T.: 15.279 min
Delta R.T.: -0.017 min
Response: 2881900
Conc: 24.74 ug/ml



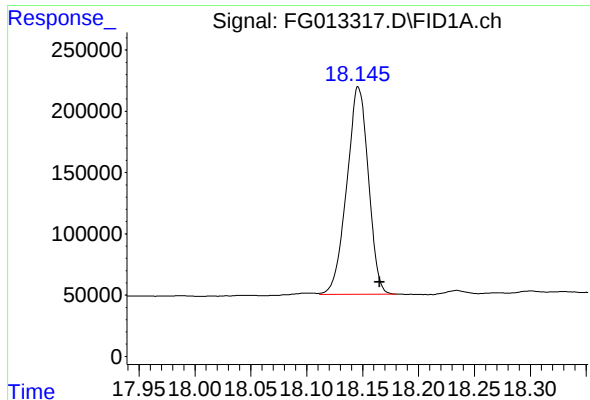
#11 N-HEXACOSANE

R.T.: 16.304 min
Delta R.T.: -0.018 min
Response: 2428434
Conc: 21.81 ug/ml



#12 N-OCTACOSANE

R.T.: 17.255 min
Delta R.T.: -0.019 min
Response: 2421531
Conc: 21.94 ug/ml m



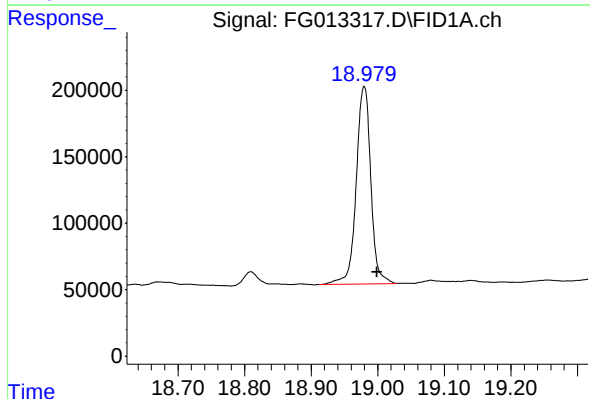
#13 N-TRIACONTANE

R.T.: 18.145 min
Delta R.T.: -0.020 min
Response: 2275524
Conc: 20.72 ug/ml

Instrument :
FID_G
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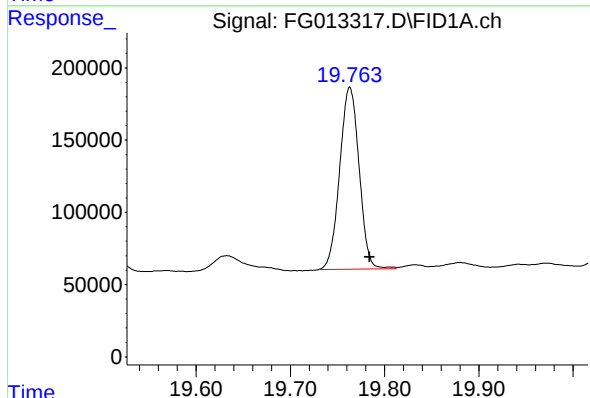
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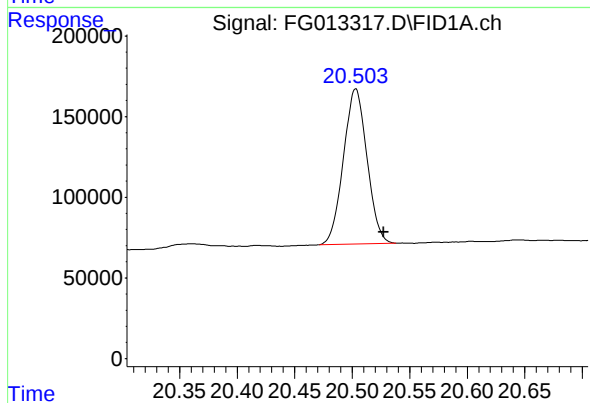
#14 N-DOTRIACONTANE

R.T.: 18.979 min
Delta R.T.: -0.020 min
Response: 2271782
Conc: 21.24 ug/ml m



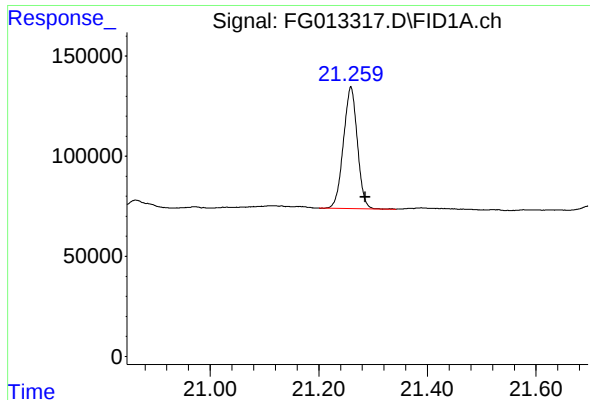
#15 N-TETRATRIACONTANE

R.T.: 19.763 min
Delta R.T.: -0.021 min
Response: 1802176
Conc: 19.18 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.503 min
Delta R.T.: -0.024 min
Response: 1372472
Conc: 17.70 ug/ml m



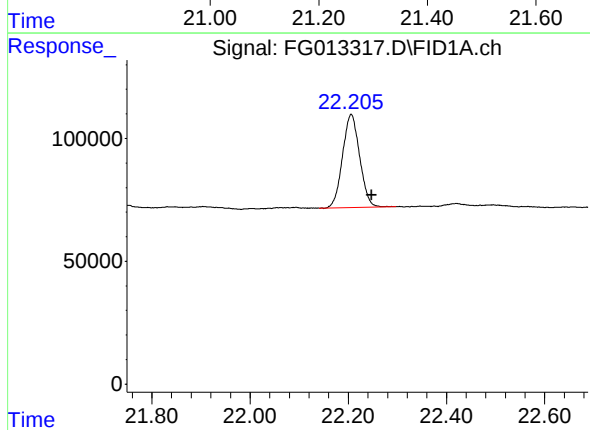
#17 N-OCTATRIACONTANE

R.T.: 21.259 min
Delta R.T.: -0.026 min
Response: 1082698
Conc: 15.67 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.206 min
Delta R.T.: -0.042 min
Response: 919499
Conc: 12.69 ug/ml