

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG122623\
 Data File : FG013316.D
 Signal(s) : FID1A.ch
 Acq On : 26 Dec 2023 14:24
 Operator : YP\AJ
 Sample : 06017-02MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

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 22:29:26 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	1914620	17.835 ug/mlm
Target Compounds			
1) N-OCTANE	2.059	2969166	24.340 ug/mlm
2) N-DECANE	4.586	3534779	27.964 ug/mlm
3) N-DODECANE	6.761	3951220	31.459 ug/mlm
4) N-TETRADECANE	8.595	2826410	23.413 ug/mlm
5) N-HEXADECANE	10.209	2822593	23.222 ug/ml
6) N-OCTADECANE	11.657	2783972	23.165 ug/ml
7) N-EICOSANE	12.972	2729513	23.099 ug/ml
8) N-DOCOSANE	14.173	2614842	23.053 ug/mlm
10) N-TETRACOSANE	15.280	2896328	24.869 ug/ml
11) N-HEXACOSANE	16.304	2542361	22.829 ug/ml
12) N-OCTACOSANE	17.256	2582295	23.399 ug/mlm
13) N-TRIACONTANE	18.145	2400351	21.856 ug/ml
14) N-DOTRIACONTANE	18.979	2429730	22.715 ug/mlm
15) N-TETRATRIACONTANE	19.763	1955414	20.815 ug/mlm
16) N-HEXATRIACONTANE	20.501	1491069	19.227 ug/mlm
17) N-OCTATRIACONTANE	21.257	1177806	17.043 ug/ml
18) N-TETRACONTANE	22.209	1041047	14.365 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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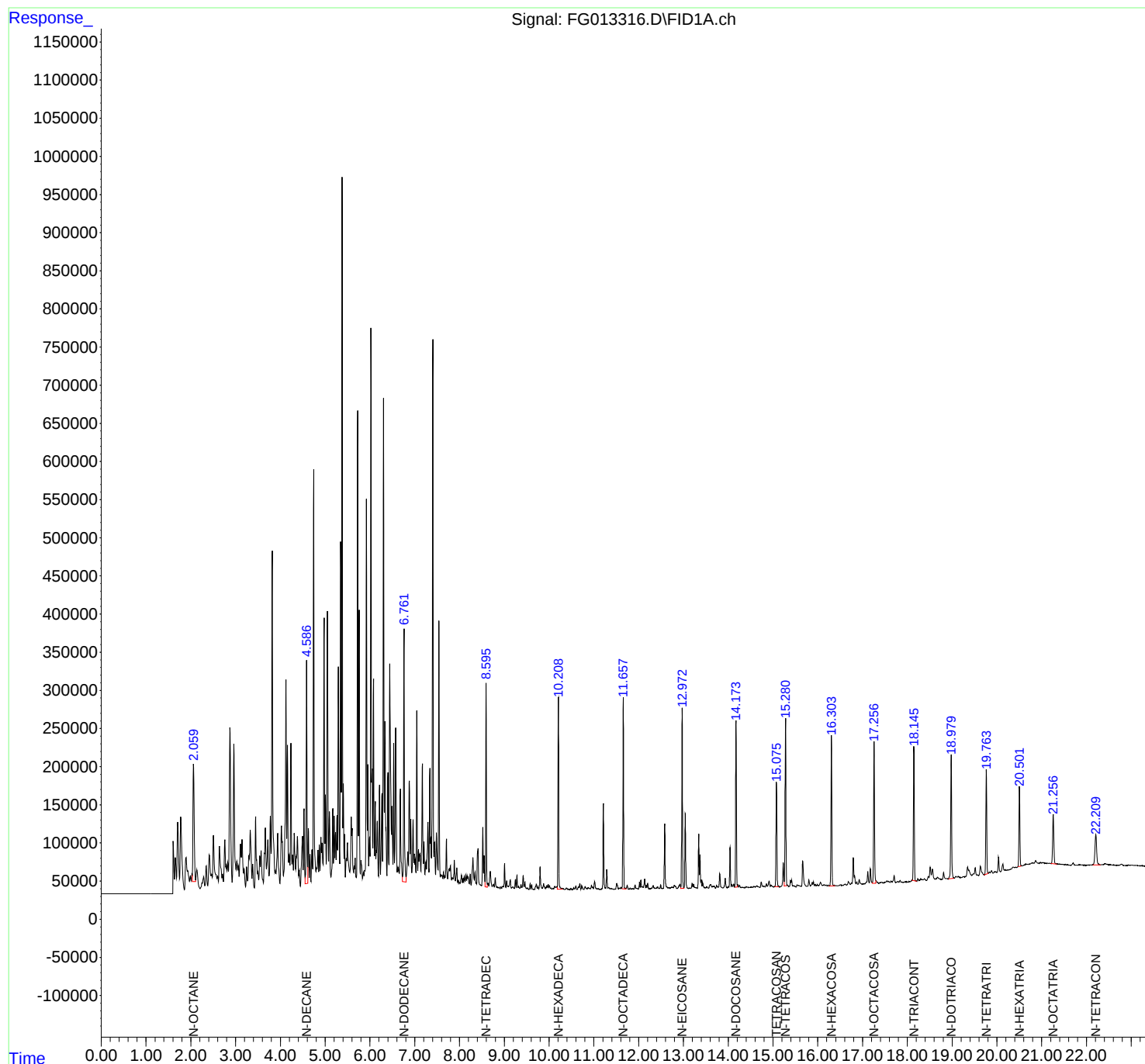
Instrument :
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SB32-2-20231222-7.5-8.5MS

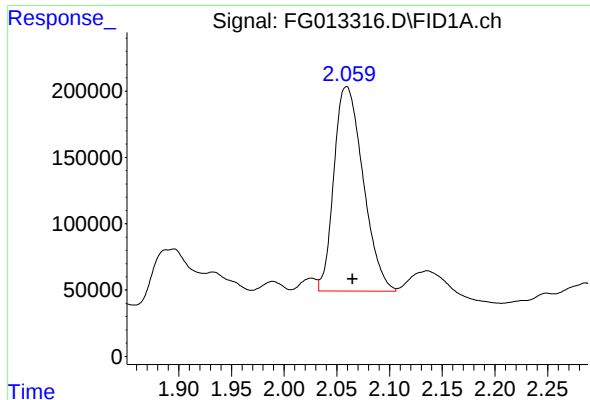
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





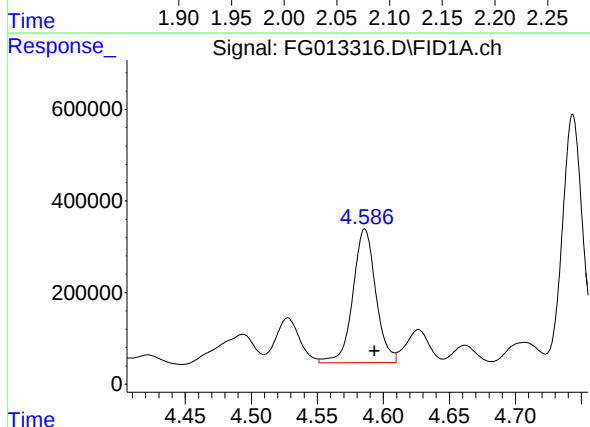
#1 N-OCTANE

R.T.: 2.059 min
Delta R.T.: -0.006 min
Response: 2969166
Conc: 24.34 ug/ml

Instrument :
FID_G
ClientSampleId :
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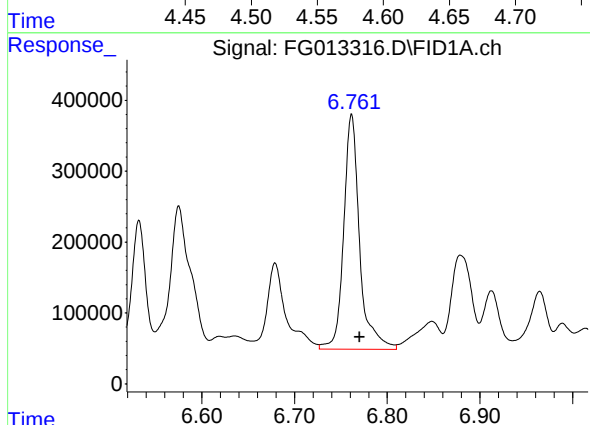
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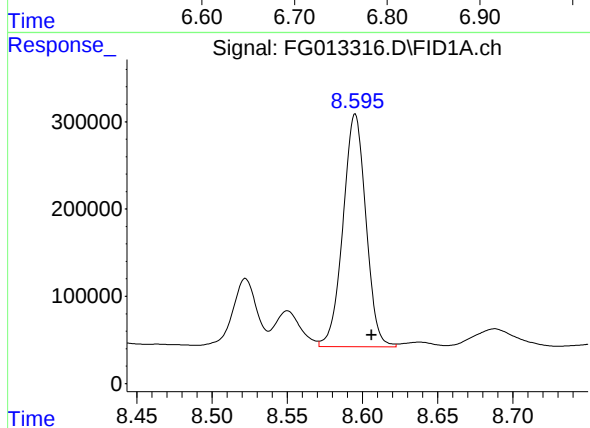
#2 N-DECANE

R.T.: 4.586 min
Delta R.T.: -0.008 min
Response: 3534779
Conc: 27.96 ug/ml



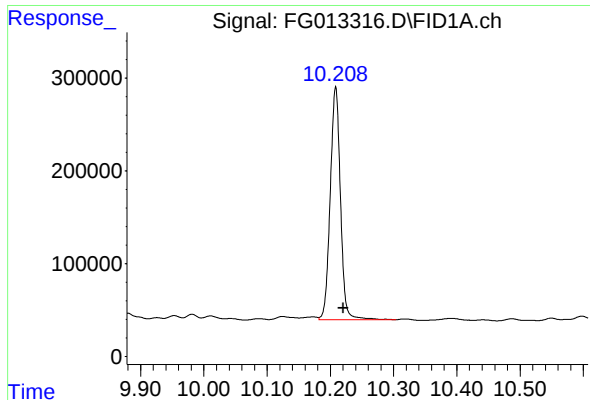
#3 N-DODECANE

R.T.: 6.761 min
Delta R.T.: -0.009 min
Response: 3951220
Conc: 31.46 ug/ml



#4 N-TETRADECANE

R.T.: 8.595 min
Delta R.T.: -0.011 min
Response: 2826410
Conc: 23.41 ug/ml



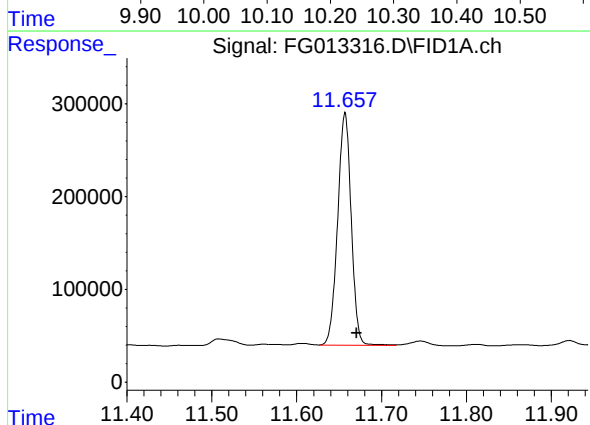
#5 N-HEXADECANE

R.T.: 10.209 min
Delta R.T.: -0.012 min
Response: 2822593
Conc: 23.22 ug/ml

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

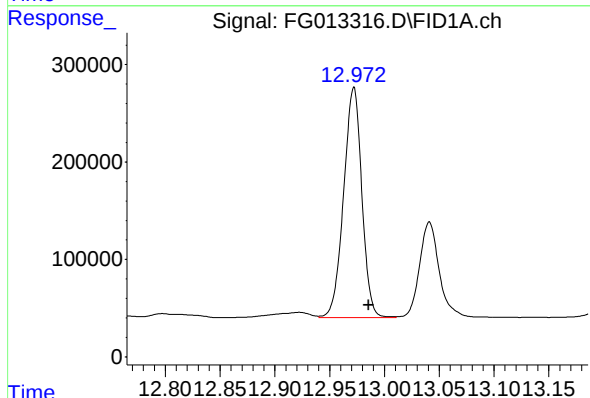
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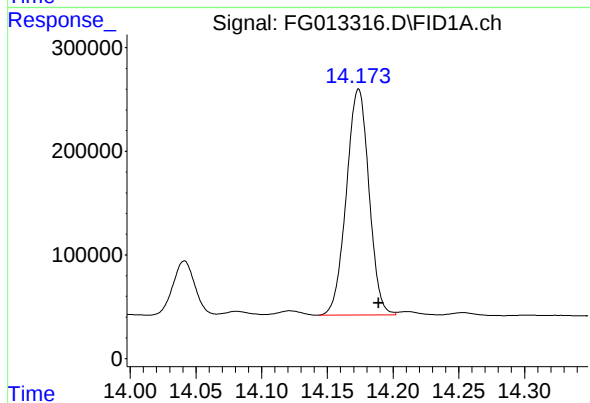
#6 N-OCTADECANE

R.T.: 11.657 min
Delta R.T.: -0.013 min
Response: 2783972
Conc: 23.16 ug/ml



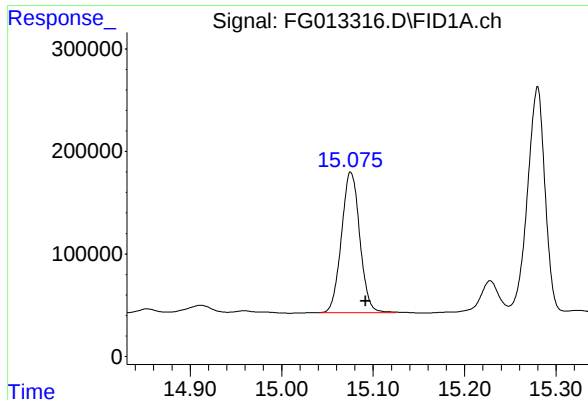
#7 N-EICOSANE

R.T.: 12.972 min
Delta R.T.: -0.014 min
Response: 2729513
Conc: 23.10 ug/ml



#8 N-DOCOSANE

R.T.: 14.173 min
Delta R.T.: -0.016 min
Response: 2614842
Conc: 23.05 ug/ml m



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.075 min
Delta R.T.: -0.017 min
Response: 1914620
Conc: 17.83 ug/ml

Instrument :

FID_G

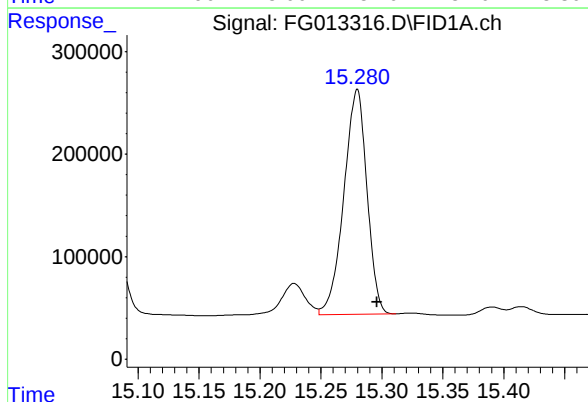
ClientSampleId :

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Manual Integrations

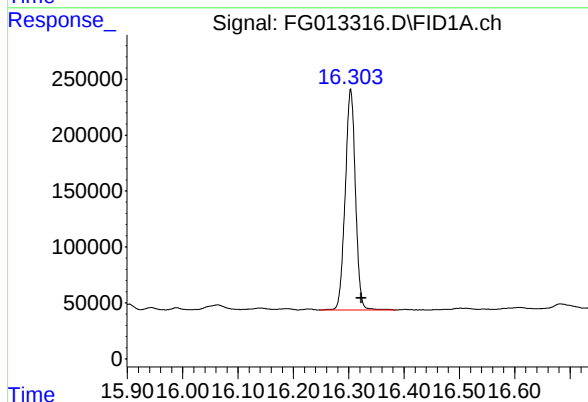
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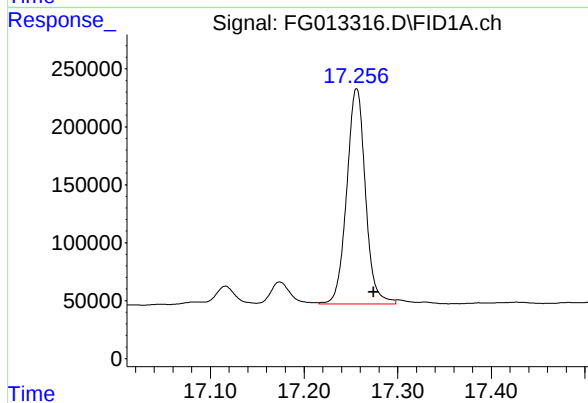
#10 N-TETRACOSANE

R.T.: 15.280 min
Delta R.T.: -0.016 min
Response: 2896328
Conc: 24.87 ug/ml



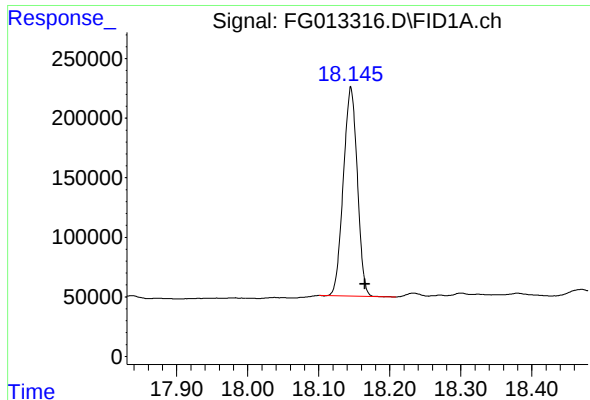
#11 N-HEXACOSANE

R.T.: 16.304 min
Delta R.T.: -0.019 min
Response: 2542361
Conc: 22.83 ug/ml



#12 N-OCTACOSANE

R.T.: 17.256 min
Delta R.T.: -0.019 min
Response: 2582295
Conc: 23.40 ug/ml m



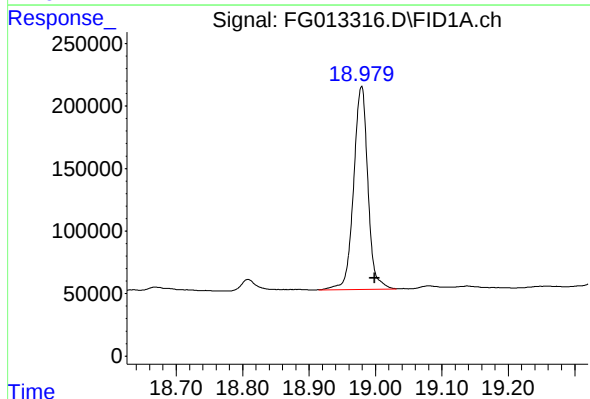
#13 N-TRIACONTANE

R.T.: 18.145 min
Delta R.T.: -0.020 min
Response: 2400351
Conc: 21.86 ug/ml

Instrument :
FID_G
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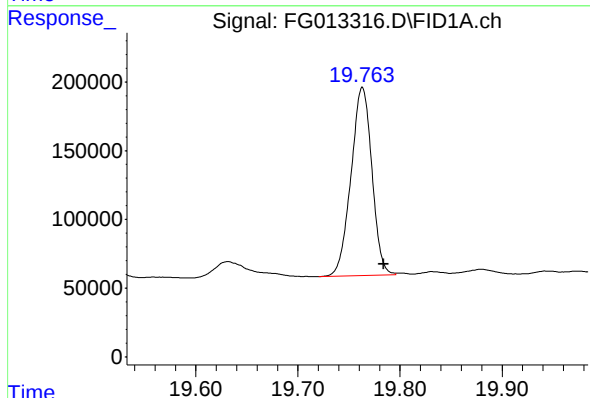
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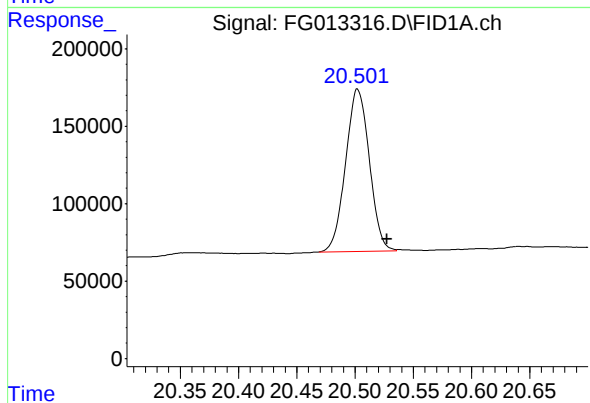
#14 N-DOTRIACONTANE

R.T.: 18.979 min
Delta R.T.: -0.020 min
Response: 2429730
Conc: 22.71 ug/ml m



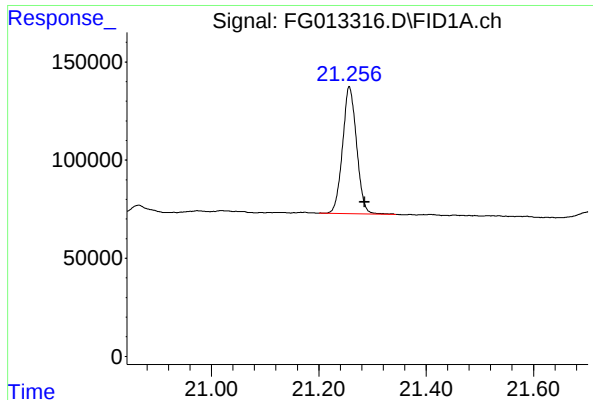
#15 N-TETRATRIACONTANE

R.T.: 19.763 min
Delta R.T.: -0.021 min
Response: 1955414
Conc: 20.82 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.501 min
Delta R.T.: -0.026 min
Response: 1491069
Conc: 19.23 ug/ml m



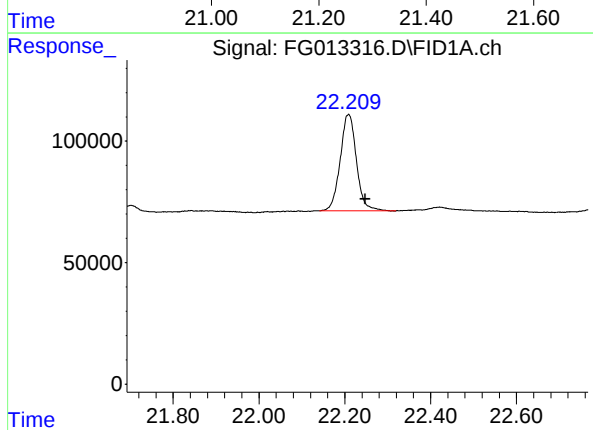
#17 N-OCTATRIACONTANE

R.T.: 21.257 min
Delta R.T.: -0.028 min
Response: 1177806
Conc: 17.04 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.209 min
Delta R.T.: -0.039 min
Response: 1041047
Conc: 14.37 ug/ml