

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062722\
 Data File : FG009996.D
 Signal(s) : FID1A.ch
 Acq On : 27 Jun 2022 22:40
 Operator : AJ\MA
 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 06/28/2022
 Supervised By :Ankita Jodhani 06/28/2022

Integration File: autoint1.e
 Quant Time: Jun 28 01:25:58 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG060122.M
 Quant Title :
 QLast Update : Wed Jun 01 13:06:30 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...	14.822	5718954	54.334 ug/mlm
Target Compounds			
1) N-OCTANE	1.834	5598159	44.675 ug/ml
2) N-DECANE	4.345	6319074	50.037 ug/ml
3) N-DODECANE	6.524	6420278	50.891 ug/ml
4) N-TETRADECANE	8.354	6553665	51.578 ug/ml
5) N-HEXADECANE	9.963	6630343	52.568 ug/ml
6) N-OCTADECANE	11.407	6698535	53.073 ug/ml
7) N-EICOSANE	12.720	6593977	53.915 ug/ml
8) N-DOCOSANE	13.920	6527239	54.131 ug/ml
10) N-TETRACOSANE	15.026	6407795	54.673 ug/ml
11) N-HEXACOSANE	16.048	6230946	54.924 ug/ml
12) N-OCTACOSANE	17.001	6068901	53.035 ug/ml
13) N-TRIACONTANE	17.888	5988225	55.612 ug/ml
14) N-DOTRIACONTANE	18.724	5666733	53.836 ug/ml
15) N-TETRATRIACONTANE	19.508	5181574	53.966 ug/ml
16) N-HEXATRIACONTANE	20.249	4420331	54.696 ug/ml
17) N-OCTATRIACONTANE	20.964	3970665	55.290 ug/ml
18) N-TETRACONTANE	21.818	4186548	59.618 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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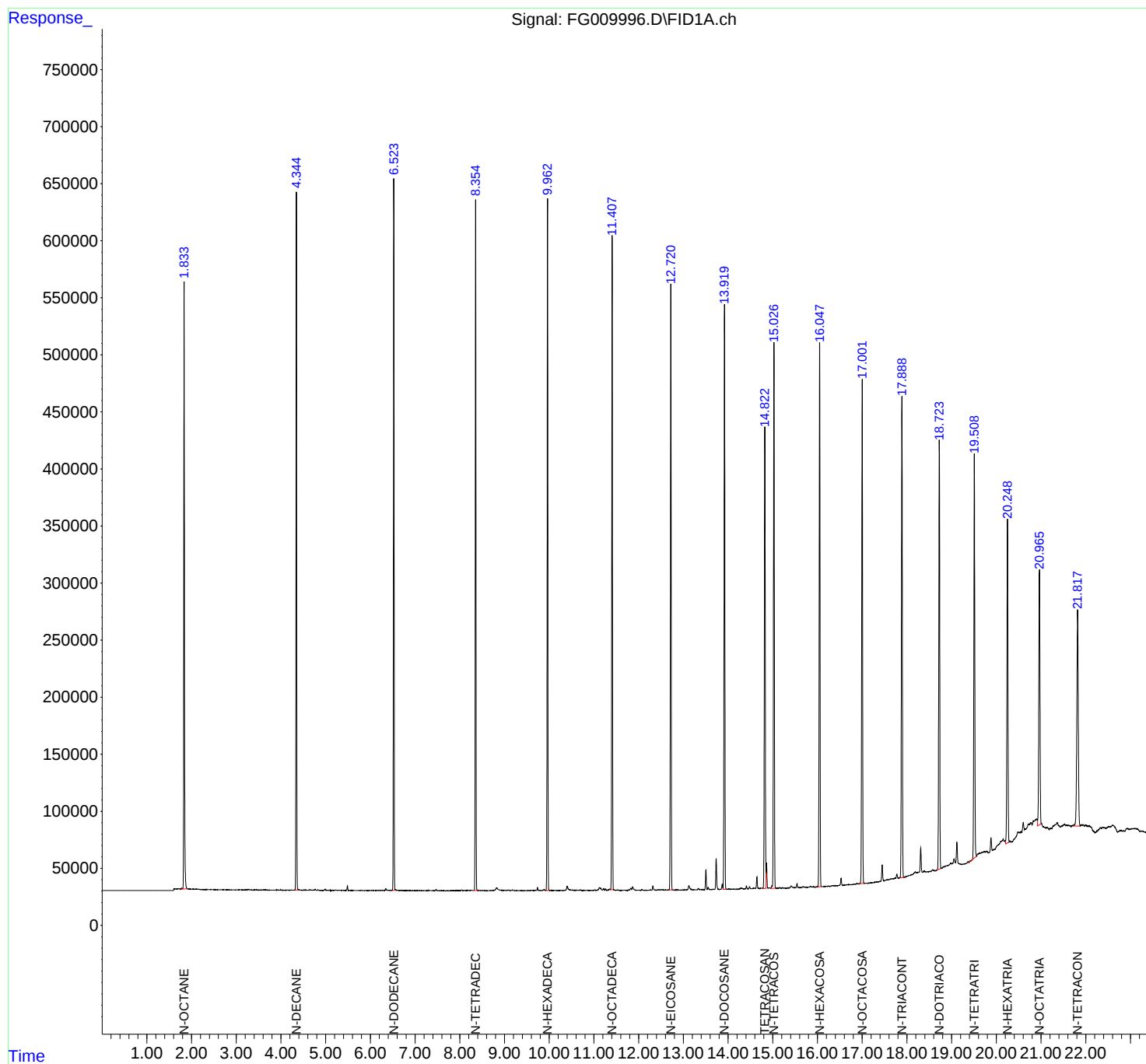
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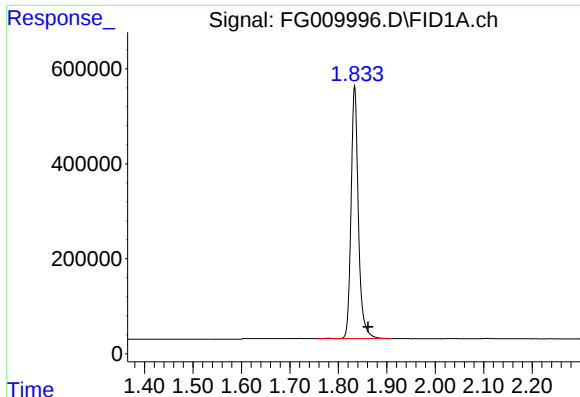
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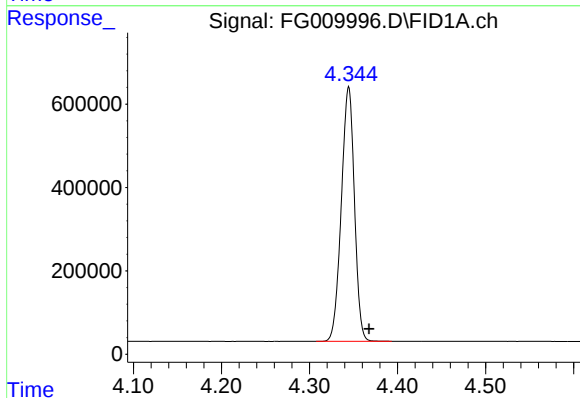
#1 N-OCTANE

R.T.: 1.834 min
Delta R.T.: -0.027 min
Response: 5598159
Conc: 44.67 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

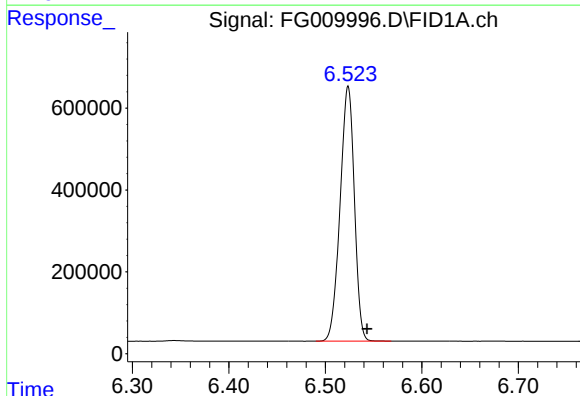
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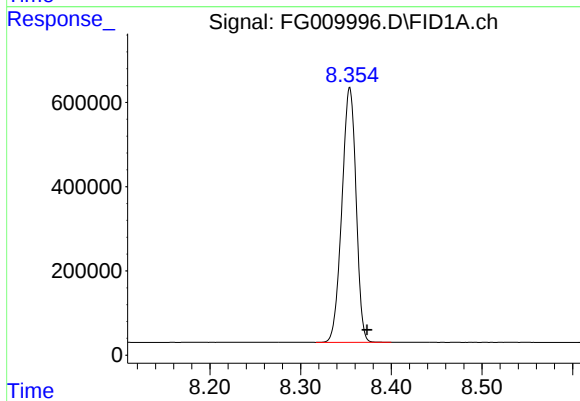
#2 N-DECANE

R.T.: 4.345 min
Delta R.T.: -0.023 min
Response: 6319074
Conc: 50.04 ug/ml



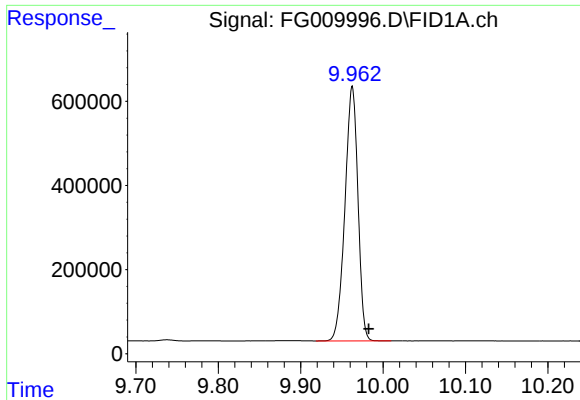
#3 N-DODECANE

R.T.: 6.524 min
Delta R.T.: -0.020 min
Response: 6420278
Conc: 50.89 ug/ml



#4 N-TETRADECANE

R.T.: 8.354 min
Delta R.T.: -0.019 min
Response: 6553665
Conc: 51.58 ug/ml



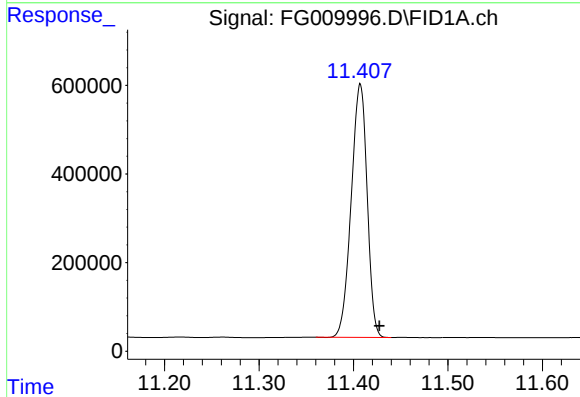
#5 N-HEXADECANE

R.T.: 9.963 min
Delta R.T.: -0.020 min
Response: 6630343
Conc: 52.57 ug/ml

Instrument :
FID_G
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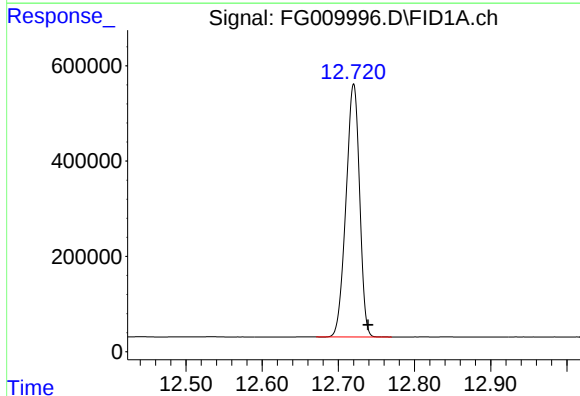
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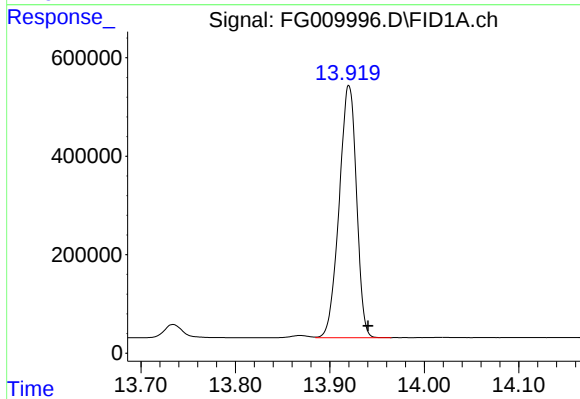
#6 N-OCTADECANE

R.T.: 11.407 min
Delta R.T.: -0.020 min
Response: 6698535
Conc: 53.07 ug/ml



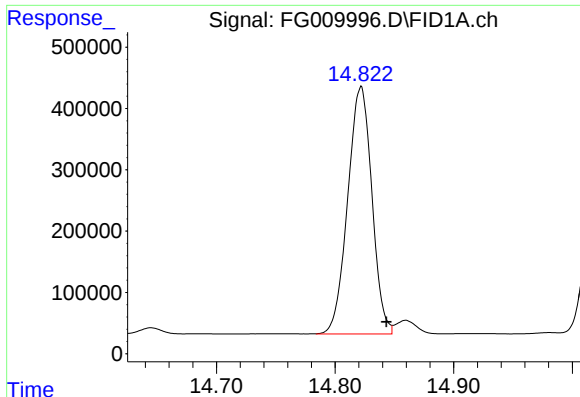
#7 N-EICOSANE

R.T.: 12.720 min
Delta R.T.: -0.019 min
Response: 6593977
Conc: 53.92 ug/ml



#8 N-DOCOSANE

R.T.: 13.920 min
Delta R.T.: -0.020 min
Response: 6527239
Conc: 54.13 ug/ml



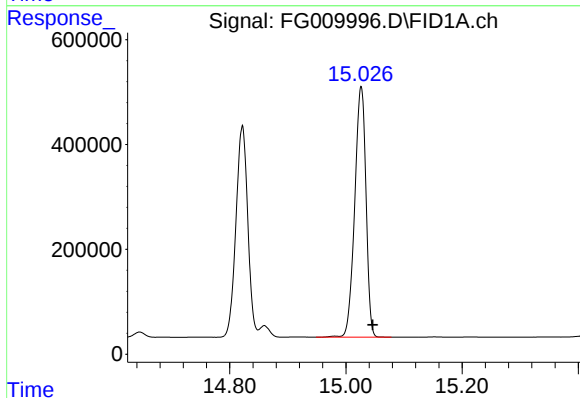
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.822 min
Delta R.T.: -0.022 min
Response: 5718954
Conc: 54.33 ug/ml

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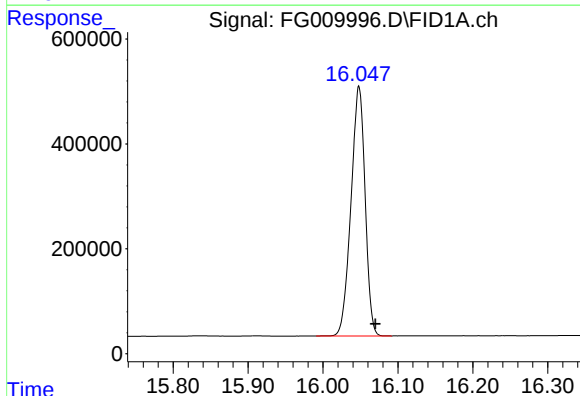
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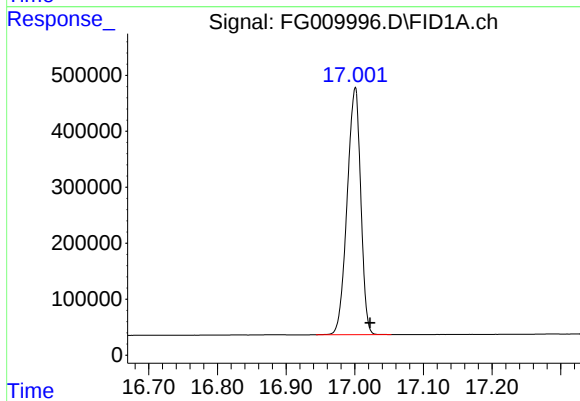
#10 N-TETRACOSANE

R.T.: 15.026 min
Delta R.T.: -0.020 min
Response: 6407795
Conc: 54.67 ug/ml



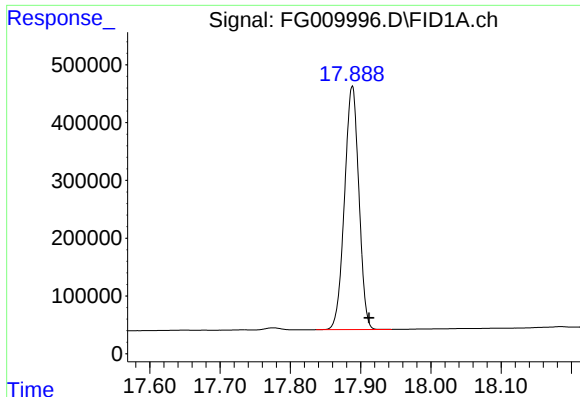
#11 N-HEXACOSANE

R.T.: 16.048 min
Delta R.T.: -0.022 min
Response: 6230946
Conc: 54.92 ug/ml



#12 N-OCTACOSANE

R.T.: 17.001 min
Delta R.T.: -0.022 min
Response: 6068901
Conc: 53.04 ug/ml



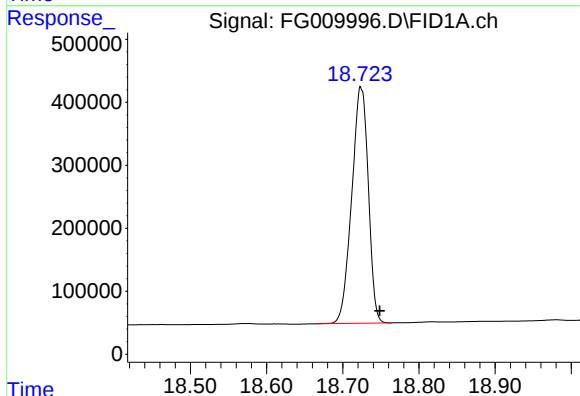
#13 N-TRIACONTANE

R.T.: 17.888 min
Delta R.T.: -0.024 min
Response: 5988225
Conc: 55.61 ug/ml

Instrument :
FID_G
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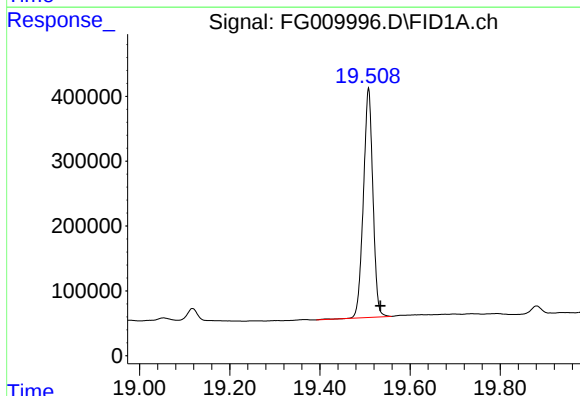
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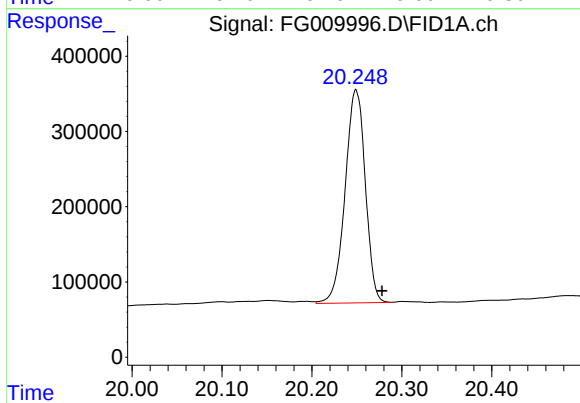
#14 N-DOTRIACONTANE

R.T.: 18.724 min
Delta R.T.: -0.025 min
Response: 5666733
Conc: 53.84 ug/ml



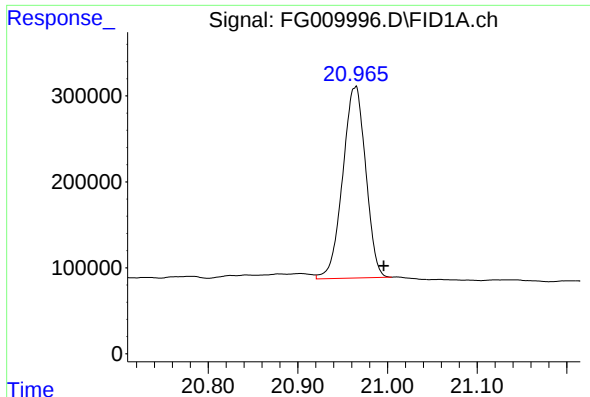
#15 N-TETRATRIACONTANE

R.T.: 19.508 min
Delta R.T.: -0.026 min
Response: 5181574
Conc: 53.97 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.249 min
Delta R.T.: -0.029 min
Response: 4420331
Conc: 54.70 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.964 min
Delta R.T.: -0.032 min
Response: 3970665
Conc: 55.29 ug/ml

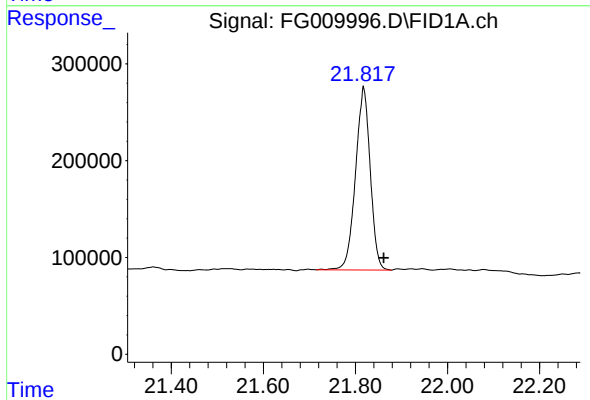
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FID_G

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#18 N-TETRACONTANE

R.T.: 21.818 min
Delta R.T.: -0.044 min
Response: 4186548
Conc: 59.62 ug/ml