

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090924\
 Data File : FG014180.D
 Signal(s) : FID1A.ch
 Acq On : 09 Sep 2024 15:14
 Operator : YP\AJ
 Sample : P3856-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WASTEMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/10/2024
 Supervised By :Ankita Jodhani 09/10/2024

Integration File: autoint1.e
 Quant Time: Sep 10 02:46:09 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG081624.M
 Quant Title :
 QLast Update : Fri Aug 16 10:59:42 2024
 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...	14.935	1281608	12.128 ug/ml
Target Compounds			
1) N-OCTANE	1.953	1672185	15.191 ug/ml
2) N-DECANE	4.452	1925909	19.335 ug/ml
3) N-DODECANE	6.626	2085400	20.305 ug/ml
4) N-TETRADECANE	8.460	2145457	19.644 ug/ml
5) N-HEXADECANE	10.071	2222463	19.834 ug/ml
6) N-OCTADECANE	11.518	2345202	20.113 ug/ml
7) N-EICOSANE	12.831	2293274	19.268 ug/ml
8) N-DOCOSANE	14.032	2266323	19.325 ug/ml
10) N-TETRACOSANE	15.139	2307395	19.522 ug/ml
11) N-HEXACOSANE	16.163	2232689	18.859 ug/ml
12) N-OCTACOSANE	17.116	2188424	18.564 ug/ml
13) N-TRIACONTANE	18.006	2184386	18.243 ug/ml
14) N-DOTRIACONTANE	18.839	1876934	15.707 ug/ml
15) N-TETRATRIACONTANE	19.625	1246538	10.704 ug/ml
16) N-HEXATRIACONTANE	20.366	921001	7.980 ug/ml
17) N-OCTATRIACONTANE	21.099	747680	7.200 ug/mlm
18) N-TETRACONTANE	21.997	758034	7.751 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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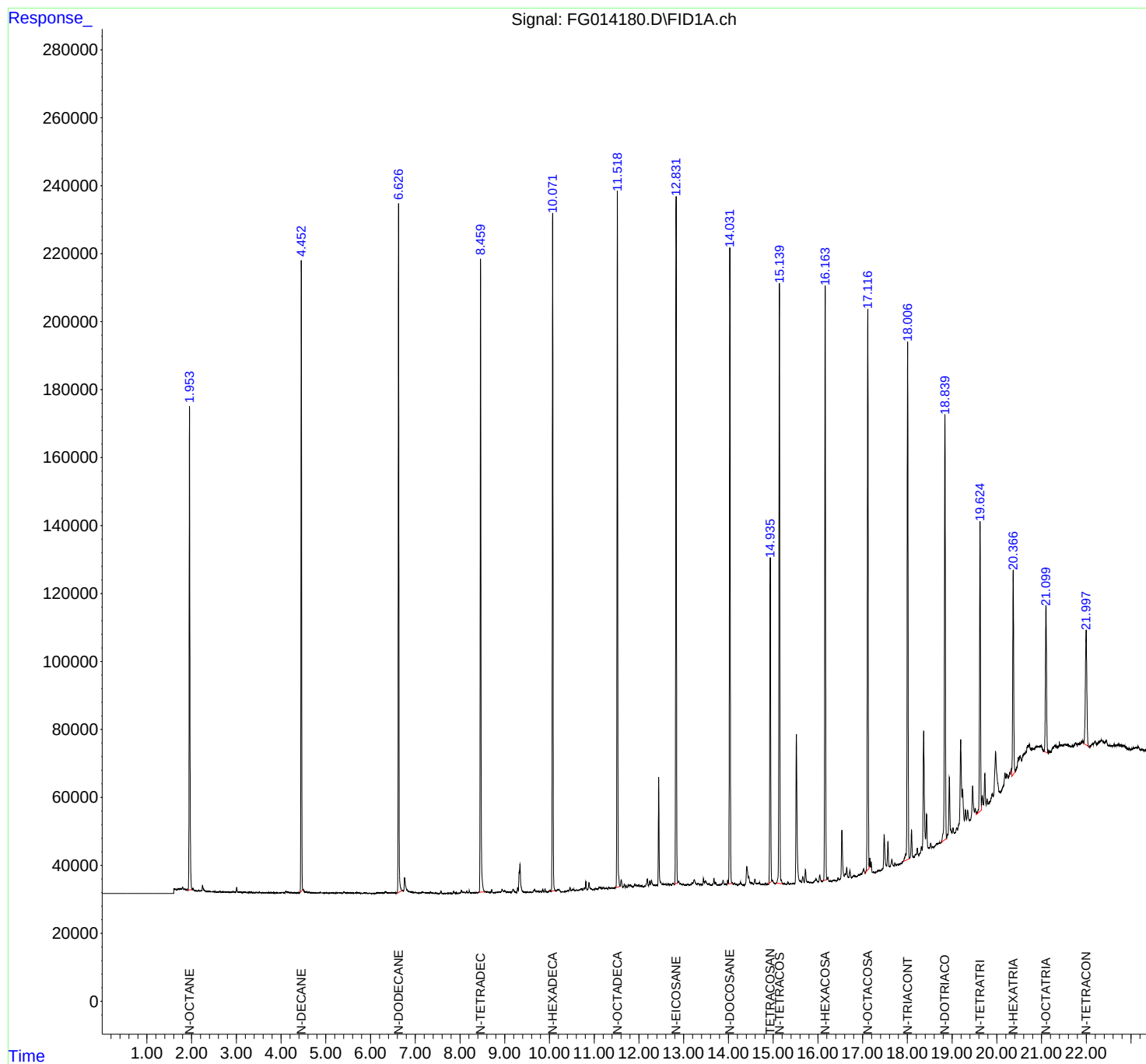
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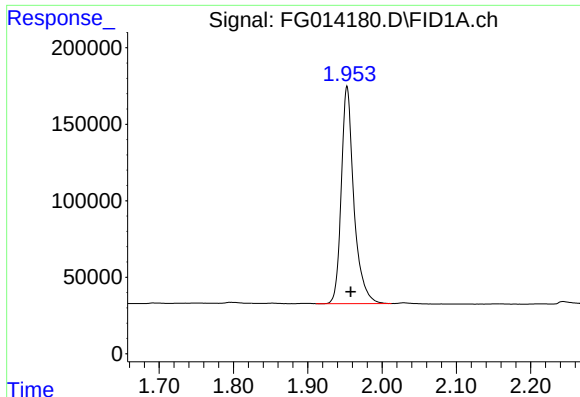
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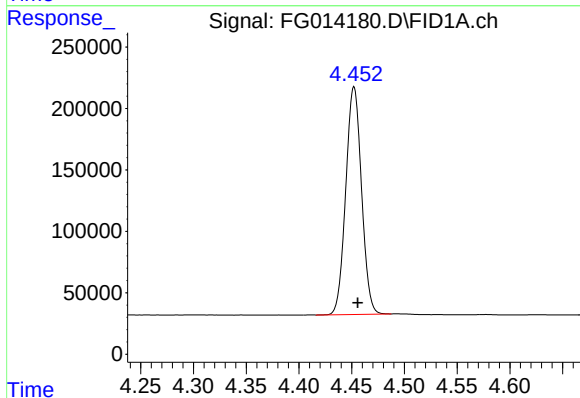
#1 N-OCTANE

R.T.: 1.953 min
Delta R.T.: -0.005 min
Response: 1672185
Conc: 15.19 ug/ml

Instrument :
FID_G
ClientSampleId :
WASTEMS

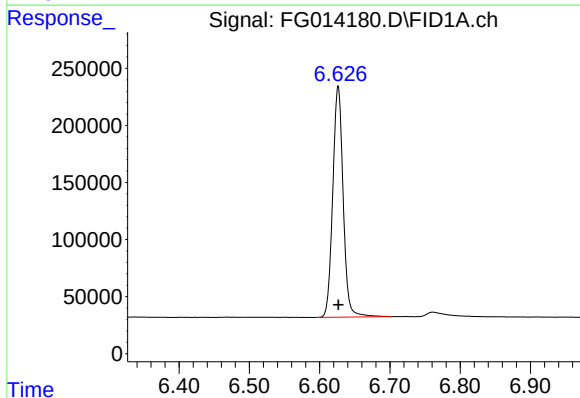
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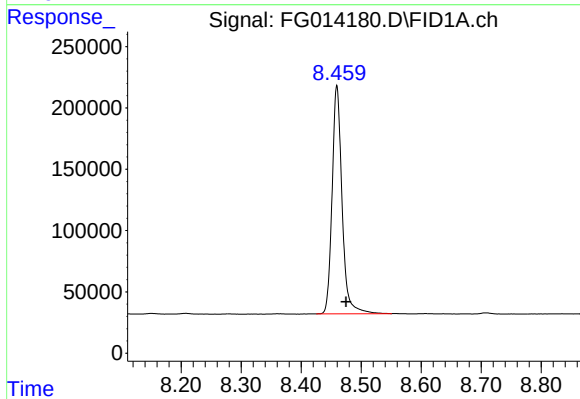
#2 N-DECANE

R.T.: 4.452 min
Delta R.T.: -0.003 min
Response: 1925909
Conc: 19.33 ug/ml



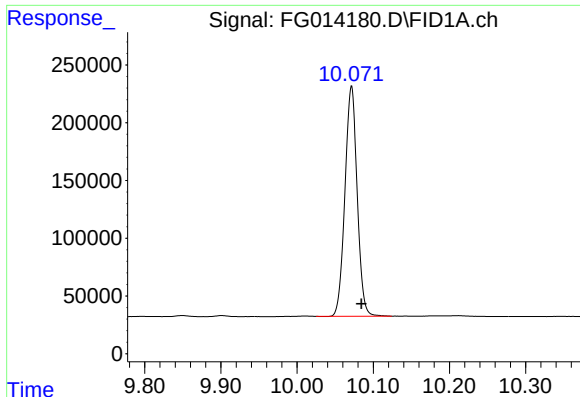
#3 N-DODECANE

R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 2085400
Conc: 20.30 ug/ml



#4 N-TETRADECANE

R.T.: 8.460 min
Delta R.T.: -0.015 min
Response: 2145457
Conc: 19.64 ug/ml



#5 N-HEXADECANE

R.T.: 10.071 min
Delta R.T.: -0.013 min
Response: 2222463
Conc: 19.83 ug/ml

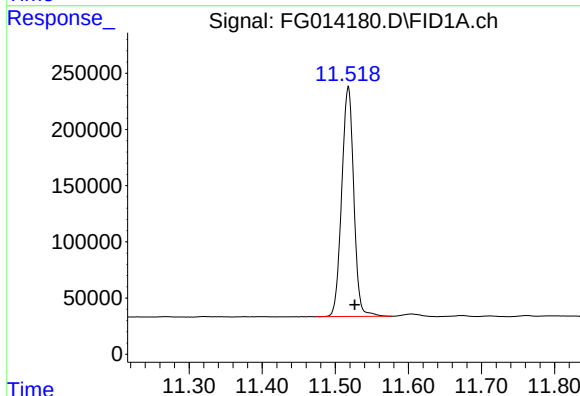
Instrument :

FID_G

ClientSampleId :
WASTEMS

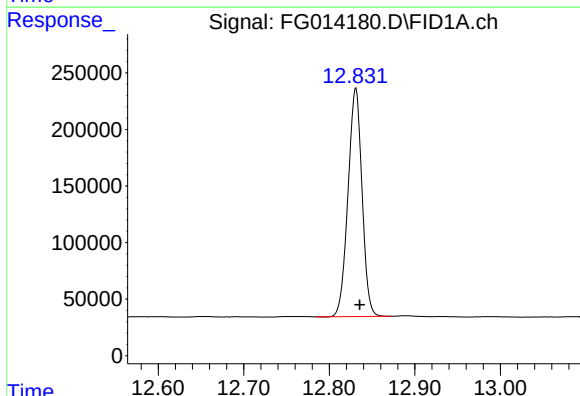
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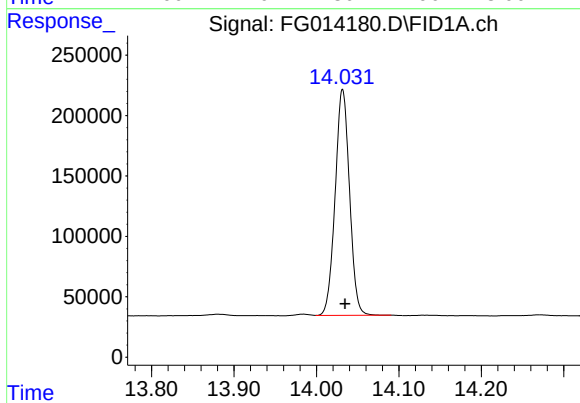
#6 N-OCTADECANE

R.T.: 11.518 min
Delta R.T.: -0.009 min
Response: 2345202
Conc: 20.11 ug/ml



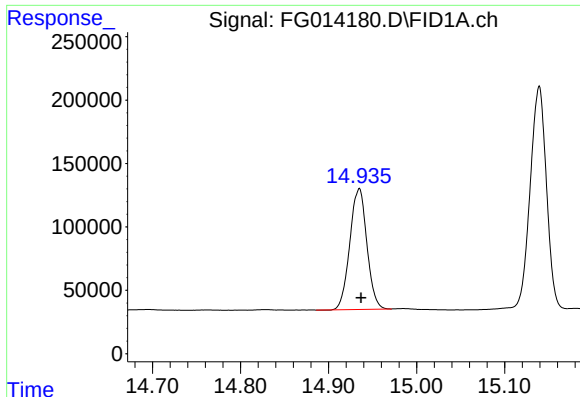
#7 N-EICOSANE

R.T.: 12.831 min
Delta R.T.: -0.005 min
Response: 2293274
Conc: 19.27 ug/ml



#8 N-DOCOSANE

R.T.: 14.032 min
Delta R.T.: -0.003 min
Response: 2266323
Conc: 19.32 ug/ml



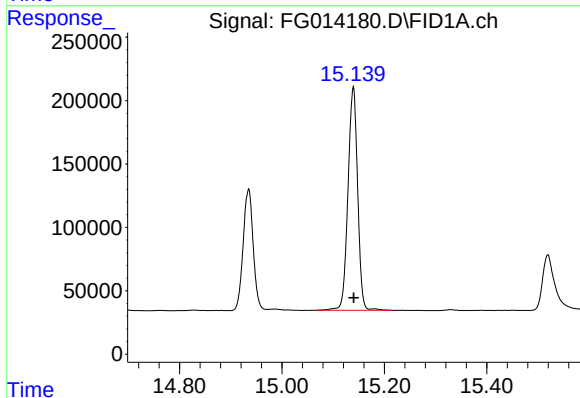
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.935 min
Delta R.T.: -0.002 min
Response: 1281608
Conc: 12.13 ug/ml

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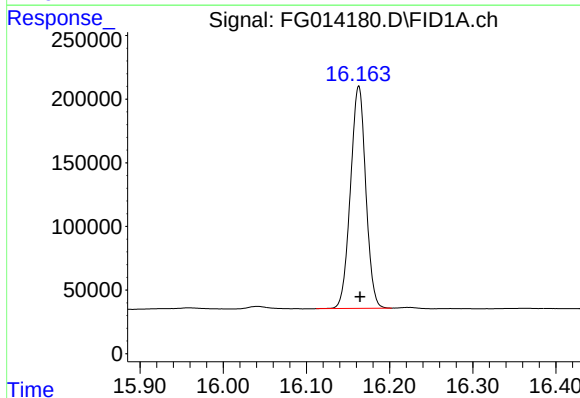
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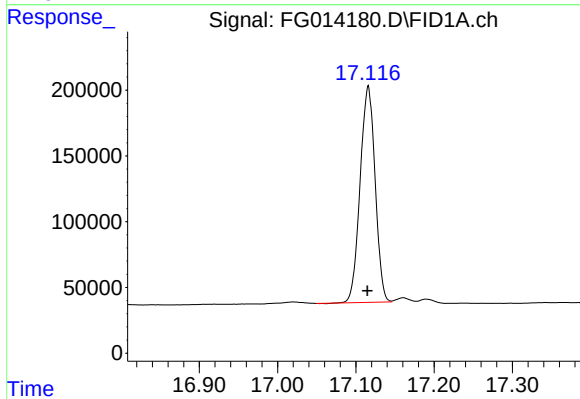
#10 N-TETRACOSANE

R.T.: 15.139 min
Delta R.T.: 0.000 min
Response: 2307395
Conc: 19.52 ug/ml



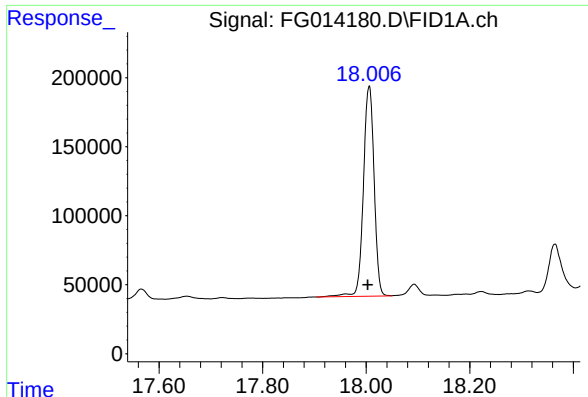
#11 N-HEXACOSANE

R.T.: 16.163 min
Delta R.T.: -0.002 min
Response: 2232689
Conc: 18.86 ug/ml



#12 N-OCTACOSANE

R.T.: 17.116 min
Delta R.T.: 0.001 min
Response: 2188424
Conc: 18.56 ug/ml



#13 N-TRIACONTANE

R.T.: 18.006 min
Delta R.T.: 0.003 min
Response: 2184386
Conc: 18.24 ug/ml

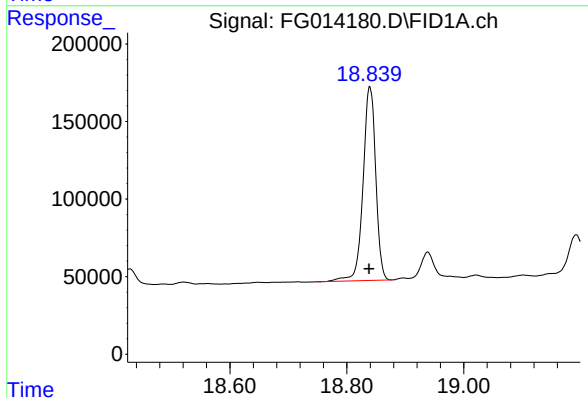
Instrument :

FID_G

ClientSampleId :
WASTEMS

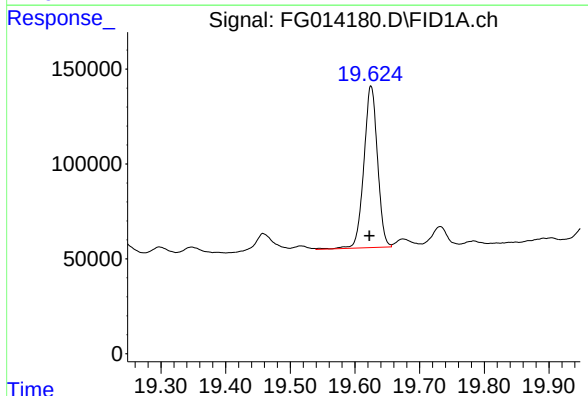
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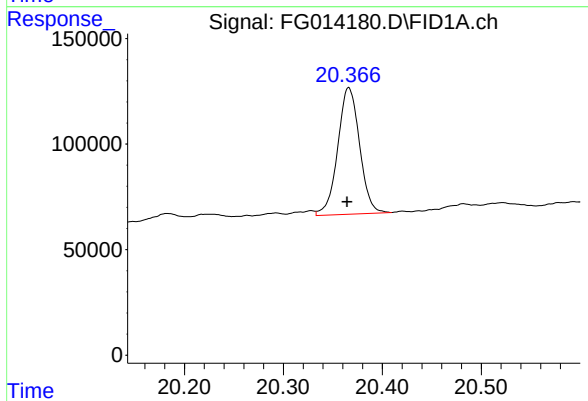
#14 N-DOTRIACONTANE

R.T.: 18.839 min
Delta R.T.: 0.000 min
Response: 1876934
Conc: 15.71 ug/ml



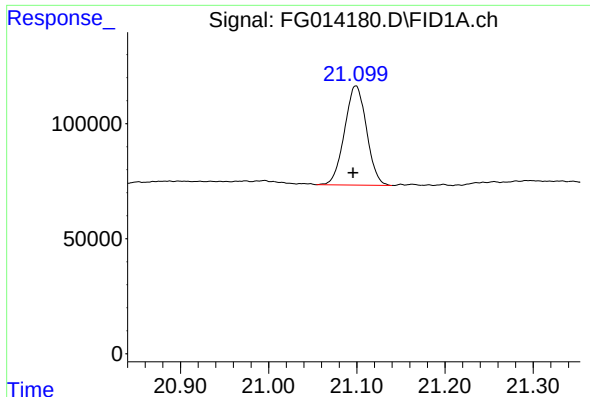
#15 N-TETRATRIACONTANE

R.T.: 19.625 min
Delta R.T.: 0.003 min
Response: 1246538
Conc: 10.70 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.366 min
Delta R.T.: 0.002 min
Response: 921001
Conc: 7.98 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.099 min
Delta R.T.: 0.003 min
Response: 747680
Conc: 7.20 ug/ml

Instrument :

FID_G

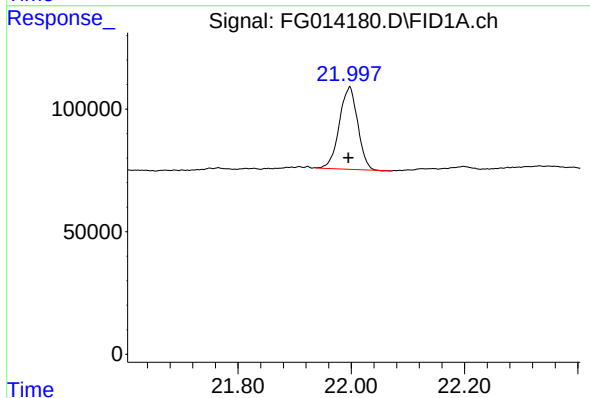
ClientSampleId :

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#18 N-TETRACONTANE

R.T.: 21.997 min
Delta R.T.: 0.002 min
Response: 758034
Conc: 7.75 ug/ml