

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG122324\
 Data File : FG015025.D
 Signal(s) : FID1A.ch
 Acq On : 23 Dec 2024 16:12
 Operator : YP\AJ
 Sample : PB165807BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB165807BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/26/2024
 Supervised By :Ankita Jodhani 12/27/2024

Integration File: autoint1.e
 Quant Time: Dec 24 00:29:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG121924.M
 Quant Title :
 QLast Update : Thu Dec 19 16:42:40 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...	15.058	1989782	14.888 ug/ml
Target Compounds			
1) N-OCTANE	2.016	1265987	10.306 ug/ml
2) N-DECANE	4.551	1794918	14.159 ug/ml
3) N-DODECANE	6.732	1993607	14.868 ug/ml
4) N-TETRADECANE	8.570	2106495	15.694 ug/ml
5) N-HEXADECANE	10.185	2175964	15.527 ug/ml
6) N-OCTADECANE	11.635	2246336	15.213 ug/ml
7) N-EICOSANE	12.952	2286089	15.562 ug/ml
8) N-DOCOSANE	14.154	2215959	15.065 ug/ml
10) N-TETRACOSANE	15.262	2189399	14.793 ug/ml
11) N-HEXACOSANE	16.288	2149912	14.643 ug/ml
12) N-OCTACOSANE	17.241	2085348	14.240 ug/ml
13) N-TRIACONTANE	18.131	2073701	14.064 ug/ml
14) N-DOTRIACONTANE	18.968	1988161	13.777 ug/ml
15) N-TETRATRIACONTANE	19.752	1832567	14.108 ug/ml
16) N-HEXATRIACONTANE	20.494	1617859	14.488 ug/ml
17) N-OCTATRIACONTANE	21.243	1516224	14.825 ug/mlm
18) N-TETRACONTANE	22.187	1388494	14.484 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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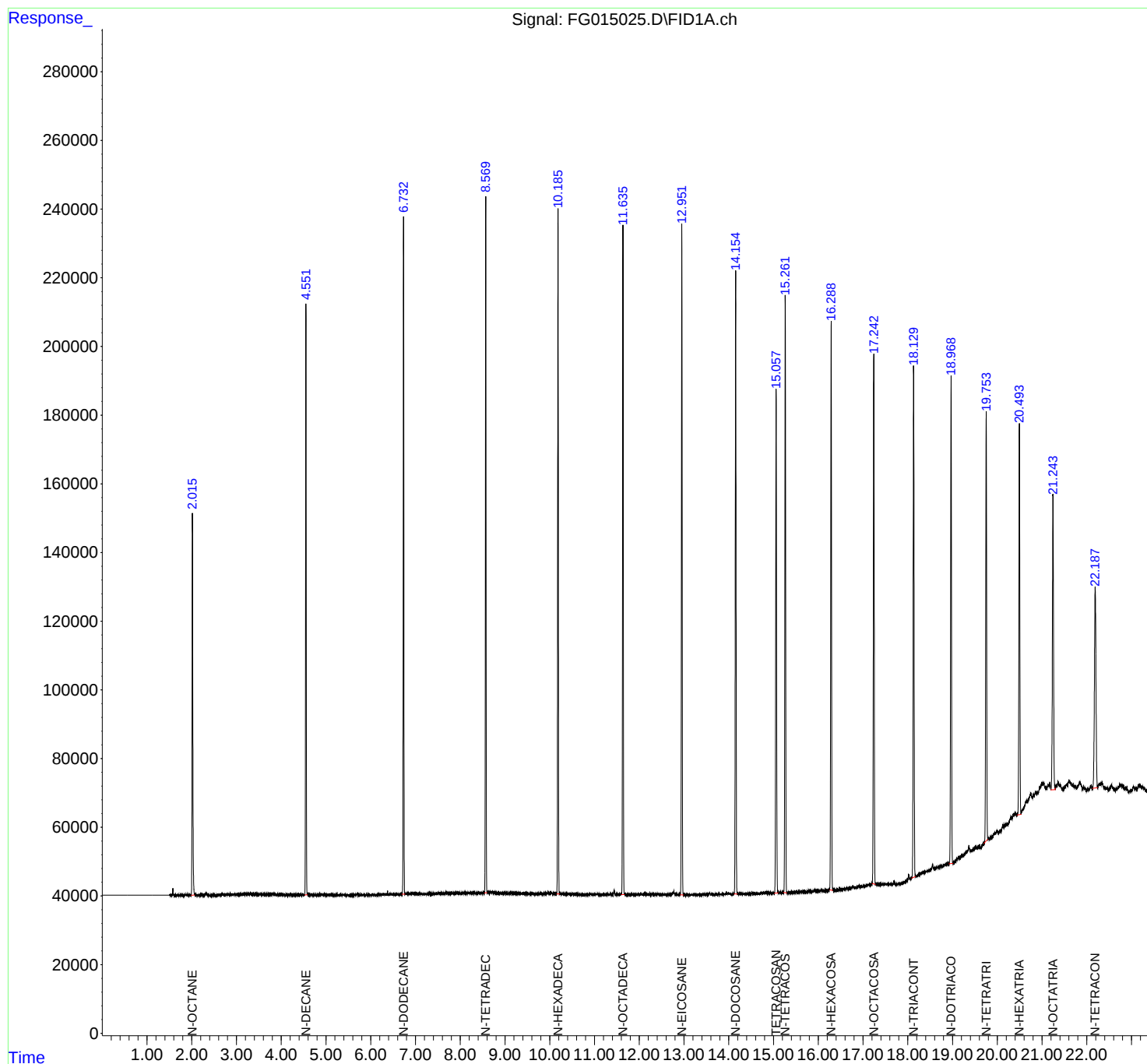
APPROVED

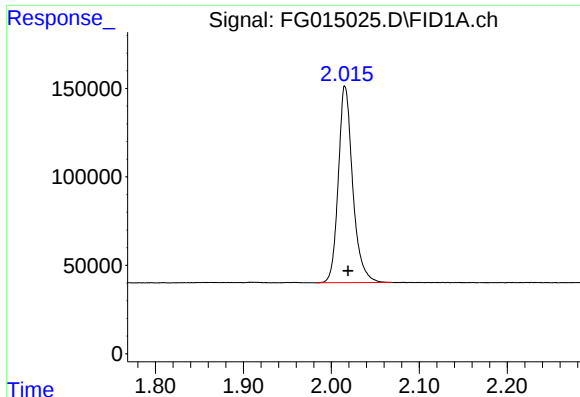
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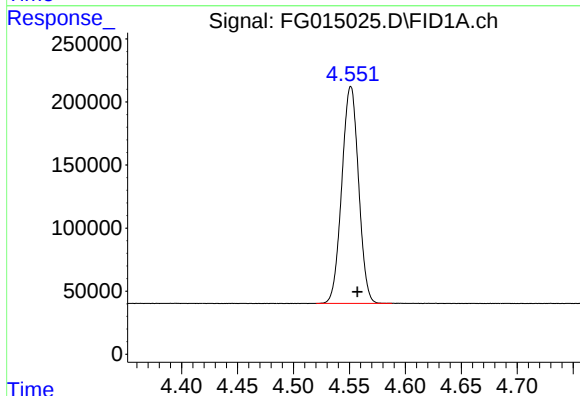
#1 N-OCTANE

R.T.: 2.016 min
Delta R.T.: -0.003 min
Response: 1265987
Conc: 10.31 ug/ml

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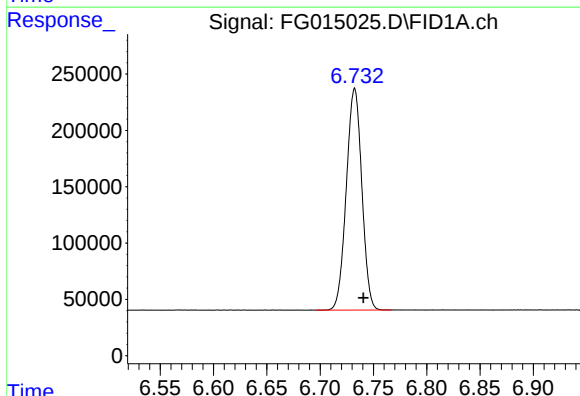
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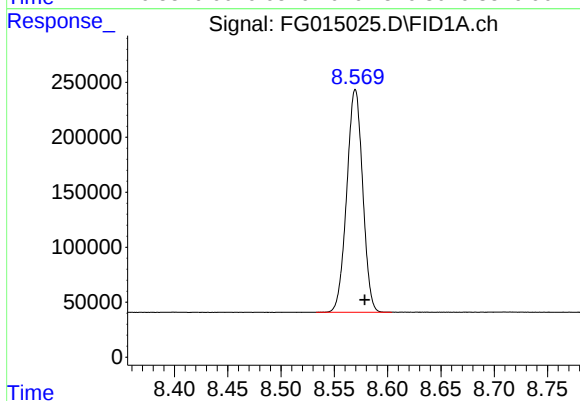
#2 N-DECANE

R.T.: 4.551 min
Delta R.T.: -0.006 min
Response: 1794918
Conc: 14.16 ug/ml



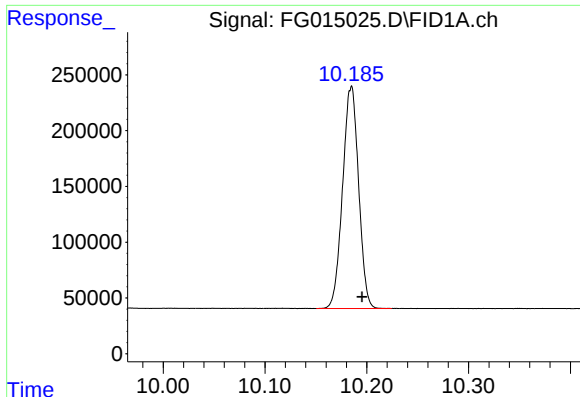
#3 N-DODECANE

R.T.: 6.732 min
Delta R.T.: -0.008 min
Response: 1993607
Conc: 14.87 ug/ml



#4 N-TETRADECANE

R.T.: 8.570 min
Delta R.T.: -0.009 min
Response: 2106495
Conc: 15.69 ug/ml



#5 N-HEXADECANE

R.T.: 10.185 min
Delta R.T.: -0.011 min
Response: 2175964
Conc: 15.53 ug/ml

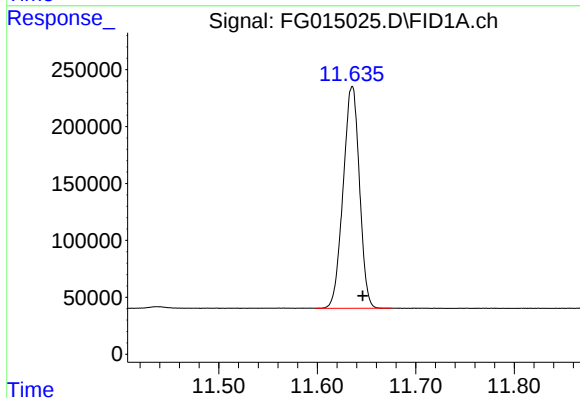
Instrument :

FID_G

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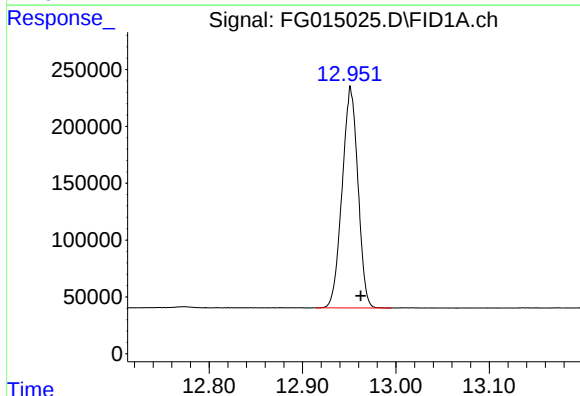
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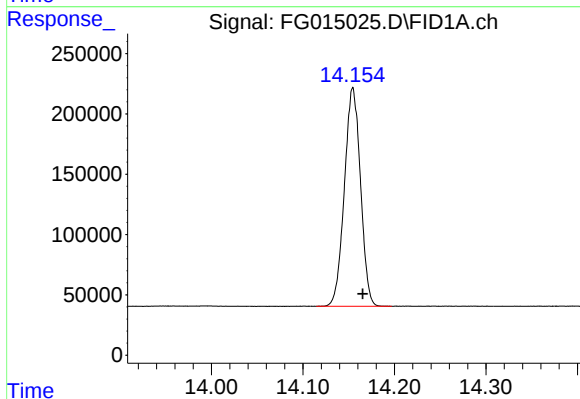
#6 N-OCTADECANE

R.T.: 11.635 min
Delta R.T.: -0.011 min
Response: 2246336
Conc: 15.21 ug/ml



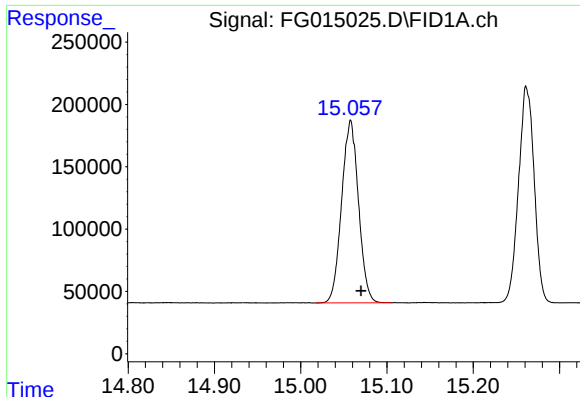
#7 N-EICOSANE

R.T.: 12.952 min
Delta R.T.: -0.011 min
Response: 2286089
Conc: 15.56 ug/ml



#8 N-DOCOSANE

R.T.: 14.154 min
Delta R.T.: -0.011 min
Response: 2215959
Conc: 15.07 ug/ml



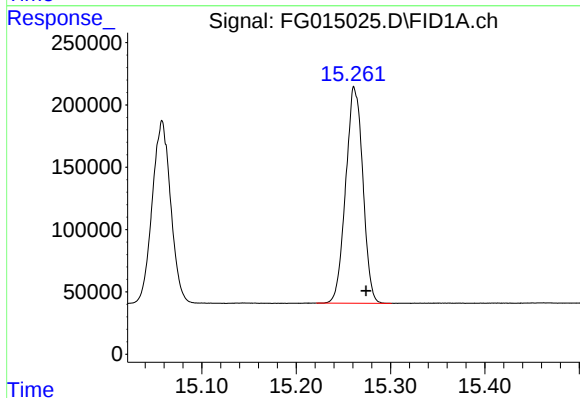
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.058 min
Delta R.T.: -0.012 min
Response: 1989782
Conc: 14.89 ug/ml

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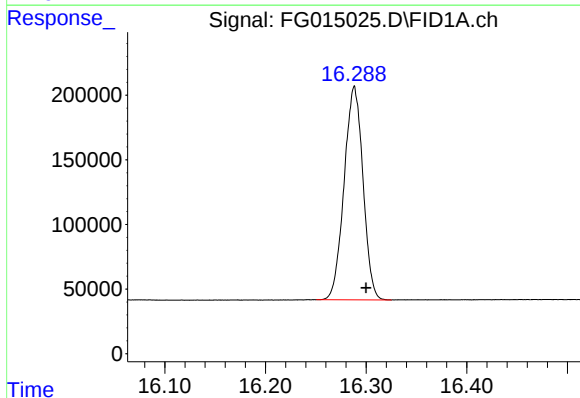
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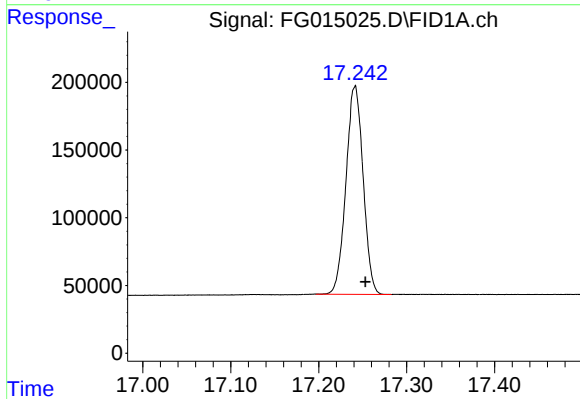
#10 N-TETRACOSANE

R.T.: 15.262 min
Delta R.T.: -0.012 min
Response: 2189399
Conc: 14.79 ug/ml



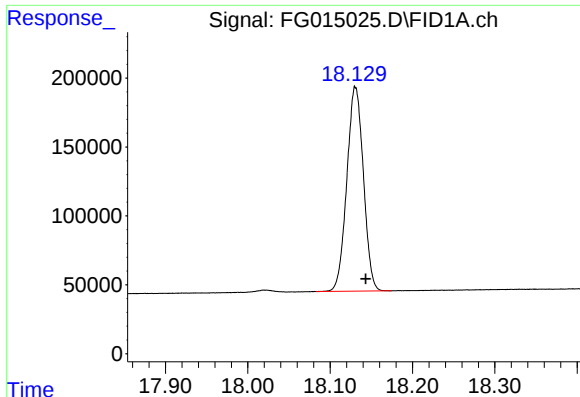
#11 N-HEXACOSANE

R.T.: 16.288 min
Delta R.T.: -0.012 min
Response: 2149912
Conc: 14.64 ug/ml



#12 N-OCTACOSANE

R.T.: 17.241 min
Delta R.T.: -0.012 min
Response: 2085348
Conc: 14.24 ug/ml



#13 N-TRIACONTANE

R.T.: 18.131 min
Delta R.T.: -0.013 min
Response: 2073701
Conc: 14.06 ug/ml

Instrument :

FID_G

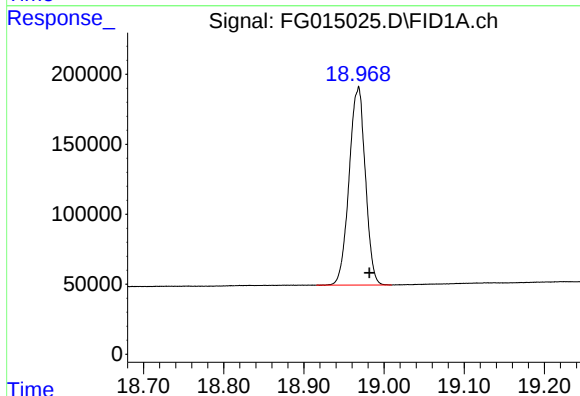
ClientSampleId :

PB165807BS

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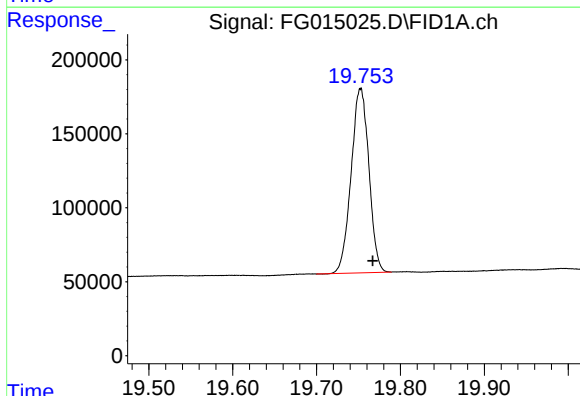
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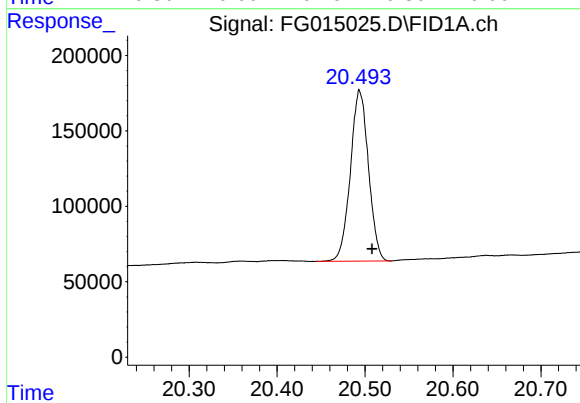
#14 N-DOTRIACONTANE

R.T.: 18.968 min
Delta R.T.: -0.014 min
Response: 1988161
Conc: 13.78 ug/ml



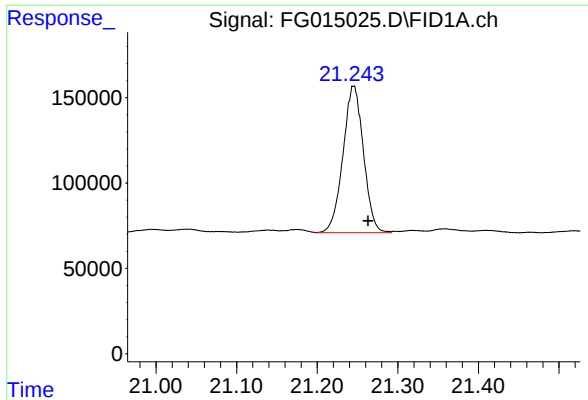
#15 N-TETRATRIACONTANE

R.T.: 19.752 min
Delta R.T.: -0.014 min
Response: 1832567
Conc: 14.11 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.494 min
Delta R.T.: -0.014 min
Response: 1617859
Conc: 14.49 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.243 min
Delta R.T.: -0.020 min
Response: 1516224
Conc: 14.82 ug/ml

Instrument :

FID_G

ClientSampleId :

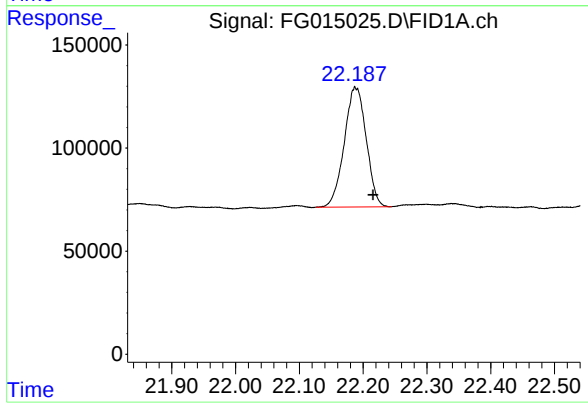
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#18 N-TETRACONTANE

R.T.: 22.187 min
Delta R.T.: -0.029 min
Response: 1388494
Conc: 14.48 ug/ml