

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062424\
 Data File : FG013892.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jun 2024 18:31
 Operator : YP\AJ
 Sample : P2915-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WC-NORTH-1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/25/2024
 Supervised By :Ankita Jodhani 06/25/2024

Integration File: autoint1.e
 Quant Time: Jun 25 04:22:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG052824.M
 Quant Title :
 QLast Update : Tue May 28 12:12:14 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...	14.964	1518217	13.777 ug/ml
Target Compounds			
1) N-OCTANE	1.977	1888085	15.717 ug/ml
2) N-DECANE	4.484	2307144	18.962 ug/ml
3) N-DODECANE	6.657	2425795	19.531 ug/ml
4) N-TETRADECANE	8.488	2501883	19.627 ug/ml
5) N-HEXADECANE	10.101	2586137	20.253 ug/ml
6) N-OCTADECANE	11.546	2655862	20.620 ug/ml
7) N-EICOSANE	12.860	2644163	20.488 ug/ml
8) N-DOCOSANE	14.062	2571807	20.644 ug/ml
10) N-TETRACOSANE	15.168	2532491	20.532 ug/ml
11) N-HEXACOSANE	16.192	2529836	20.830 ug/ml
12) N-OCTACOSANE	17.144	2470037	20.844 ug/ml
13) N-TRIACONTANE	18.034	2496097	21.252 ug/ml
14) N-DOTRIACONTANE	18.870	2352455	20.927 ug/mlm
15) N-TETRATRIACONTANE	19.655	2050018	19.934 ug/ml
16) N-HEXATRIACONTANE	20.396	1723809	19.365 ug/mlm
17) N-OCTATRIACONTANE	21.132	1574988	20.008 ug/mlm
18) N-TETRACONTANE	22.039	1467504	22.473 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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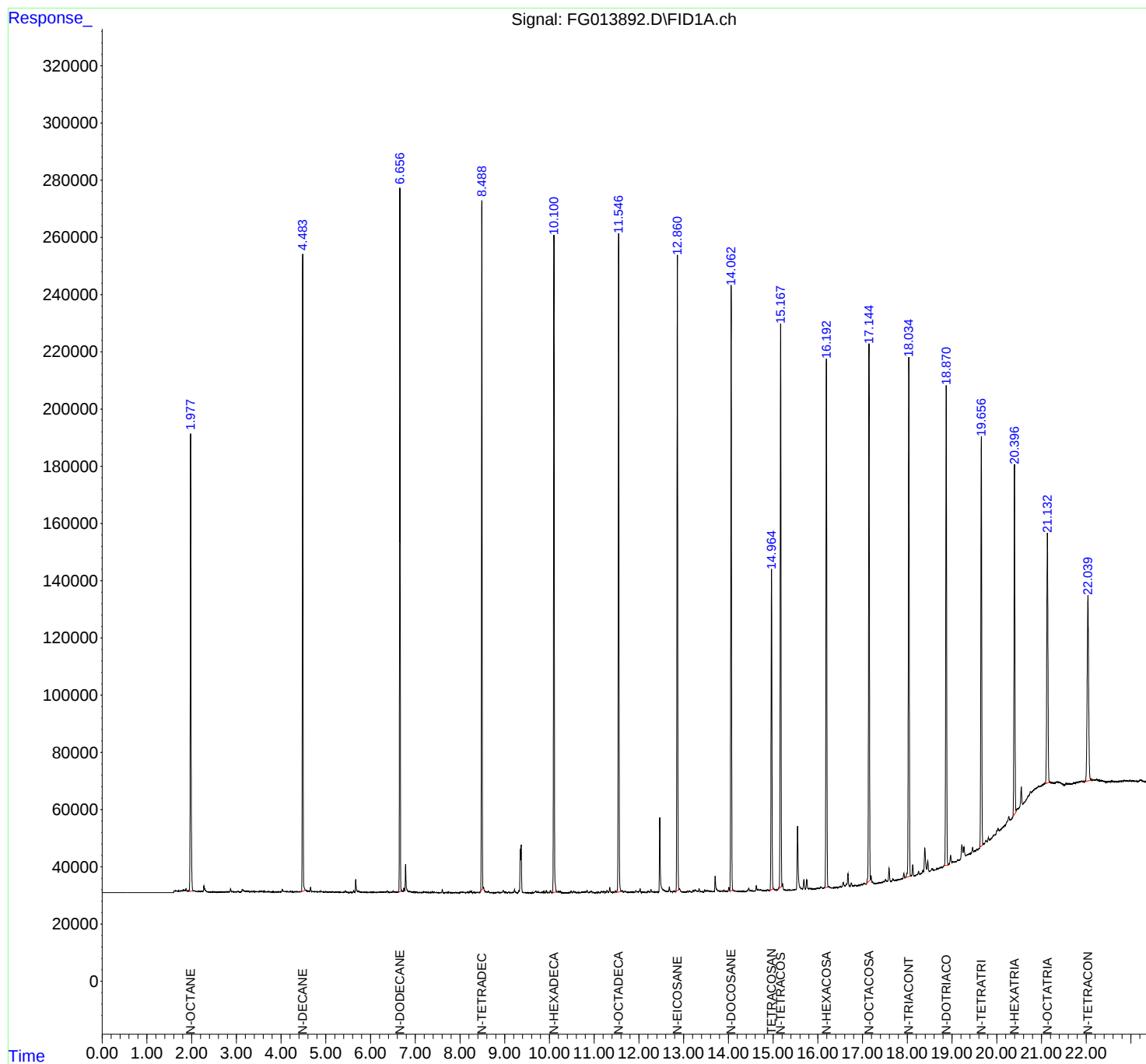
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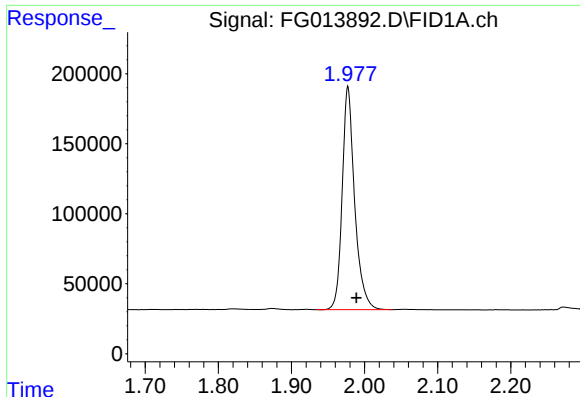
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Signal Info : 20mx0.18mmx0.18um





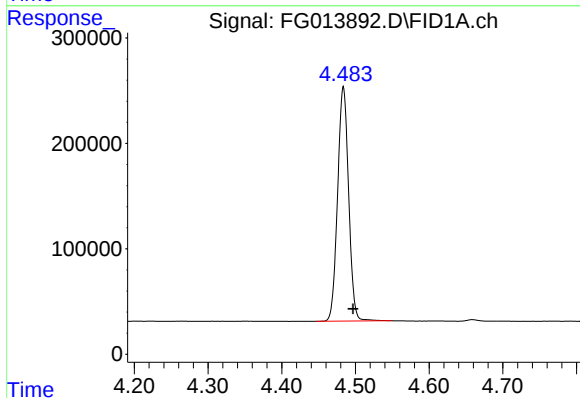
#1 N-OCTANE

R.T.: 1.977 min
Delta R.T.: -0.012 min
Response: 1888085
Conc: 15.72 ug/ml

Instrument :
FID_G
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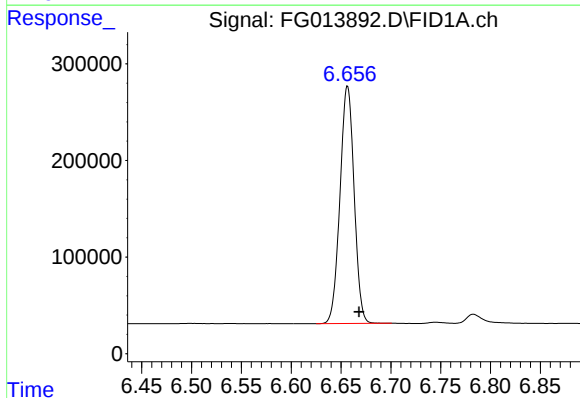
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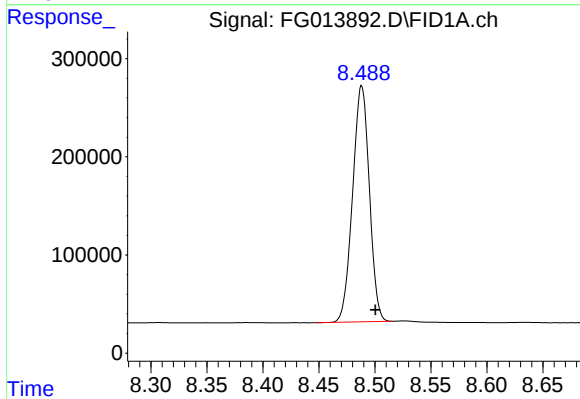
#2 N-DECANE

R.T.: 4.484 min
Delta R.T.: -0.013 min
Response: 2307144
Conc: 18.96 ug/ml



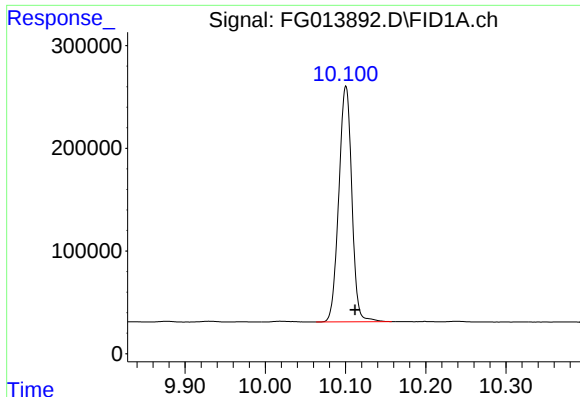
#3 N-DODECANE

R.T.: 6.657 min
Delta R.T.: -0.011 min
Response: 2425795
Conc: 19.53 ug/ml



#4 N-TETRADECANE

R.T.: 8.488 min
Delta R.T.: -0.012 min
Response: 2501883
Conc: 19.63 ug/ml



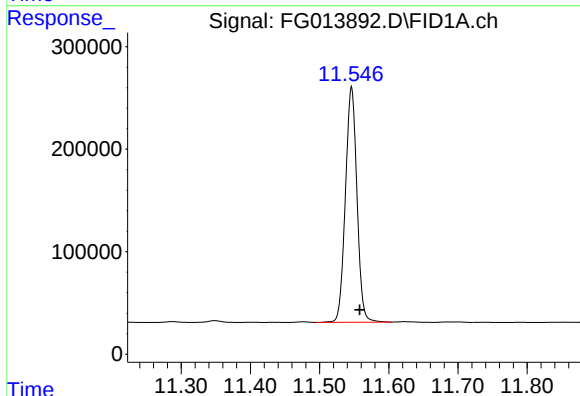
#5 N-HEXADECANE

R.T.: 10.101 min
Delta R.T.: -0.011 min
Response: 2586137
Conc: 20.25 ug/ml

Instrument :
FID_G
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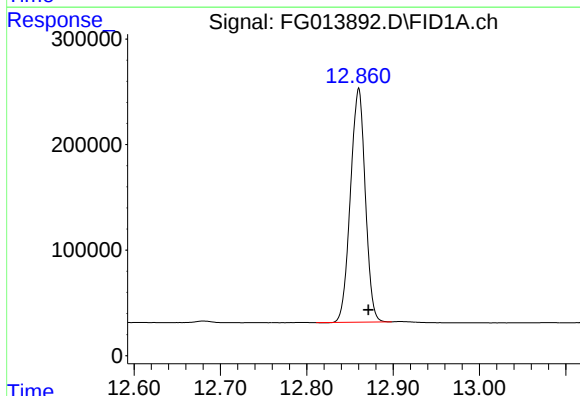
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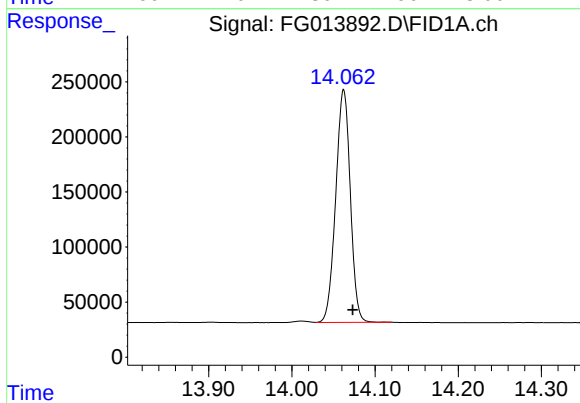
#6 N-OCTADECANE

R.T.: 11.546 min
Delta R.T.: -0.012 min
Response: 2655862
Conc: 20.62 ug/ml



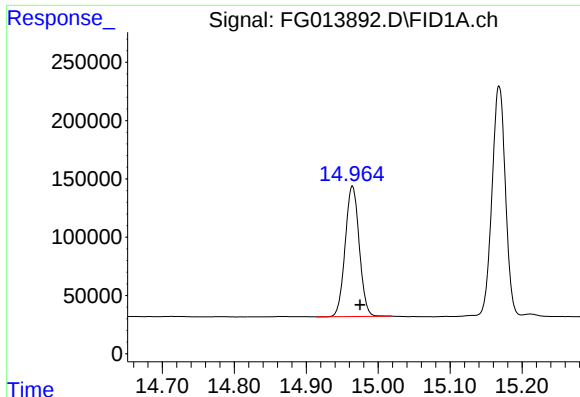
#7 N-EICOSANE

R.T.: 12.860 min
Delta R.T.: -0.011 min
Response: 2644163
Conc: 20.49 ug/ml



#8 N-DOCOSANE

R.T.: 14.062 min
Delta R.T.: -0.011 min
Response: 2571807
Conc: 20.64 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.964 min
Delta R.T.: -0.011 min
Response: 1518217
Conc: 13.78 ug/ml

Instrument :

FID_G

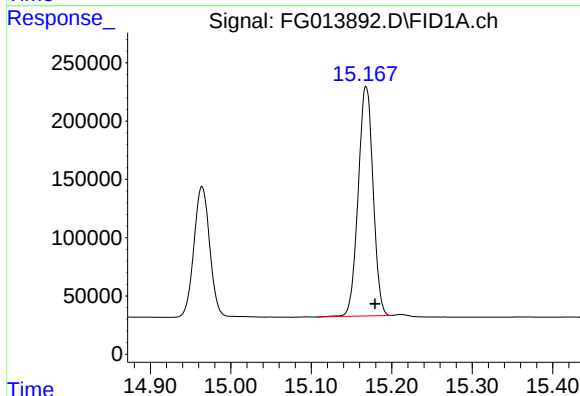
ClientSampleId :

WC-NORTH-1MSD

Manual Integrations

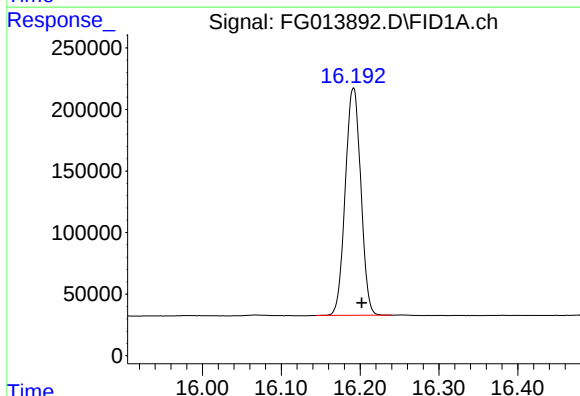
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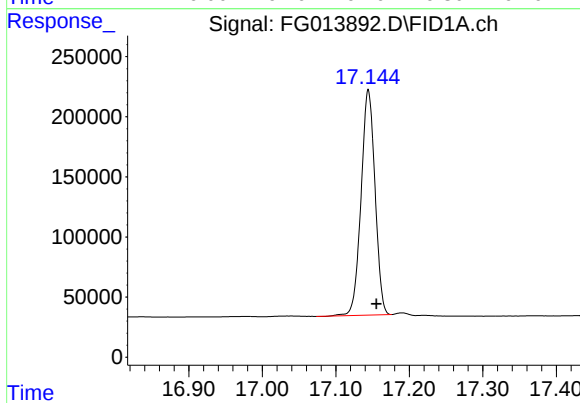
#10 N-TETRACOSANE

R.T.: 15.168 min
Delta R.T.: -0.011 min
Response: 2532491
Conc: 20.53 ug/ml



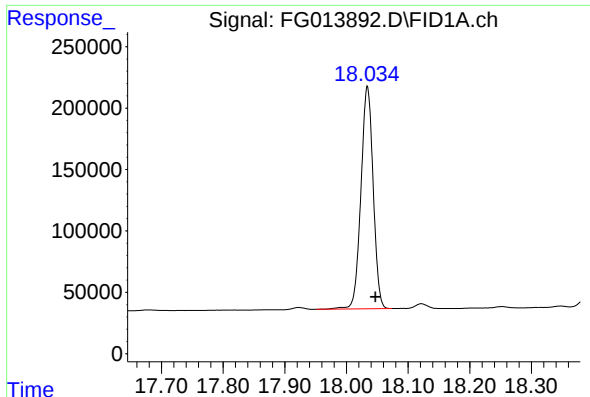
#11 N-HEXACOSANE

R.T.: 16.192 min
Delta R.T.: -0.011 min
Response: 2529836
Conc: 20.83 ug/ml



#12 N-OCTACOSANE

R.T.: 17.144 min
Delta R.T.: -0.011 min
Response: 2470037
Conc: 20.84 ug/ml



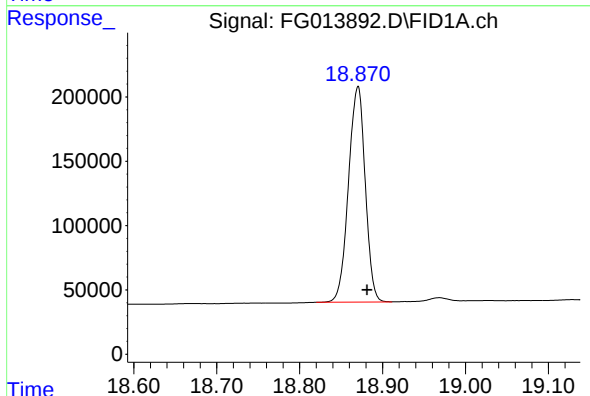
#13 N-TRIACONTANE

R.T.: 18.034 min
Delta R.T.: -0.013 min
Response: 2496097
Conc: 21.25 ug/ml

Instrument :
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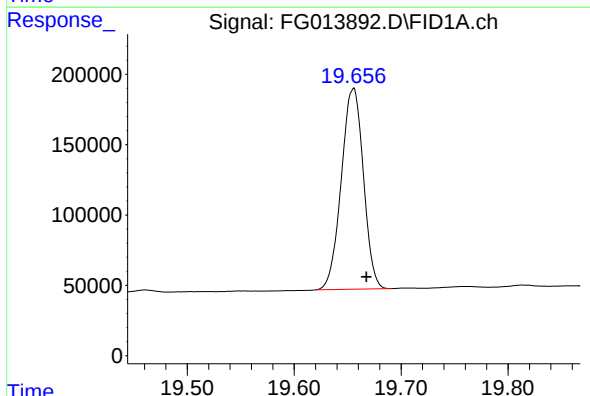
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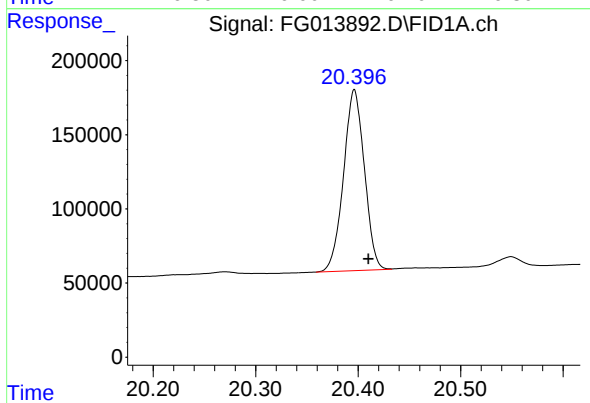
#14 N-DOTRIACONTANE

R.T.: 18.870 min
Delta R.T.: -0.011 min
Response: 2352455
Conc: 20.93 ug/ml m



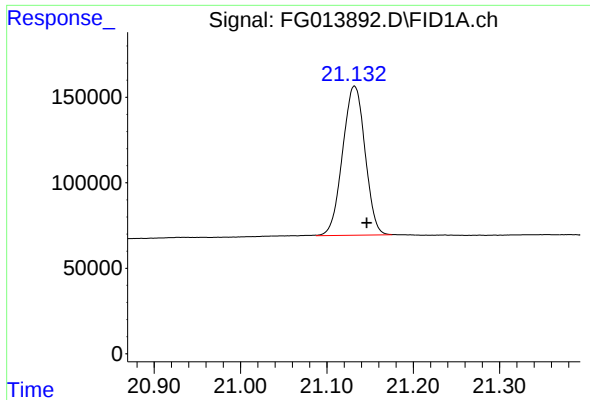
#15 N-TETRATRIACONTANE

R.T.: 19.655 min
Delta R.T.: -0.012 min
Response: 2050018
Conc: 19.93 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.396 min
Delta R.T.: -0.014 min
Response: 1723809
Conc: 19.37 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 21.132 min
Delta R.T.: -0.015 min
Response: 1574988
Conc: 20.01 ug/ml

Instrument :

FID_G

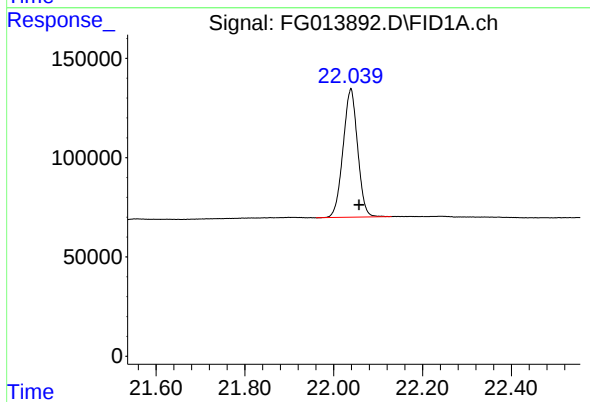
ClientSampleId :

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#18 N-TETRACONTANE

R.T.: 22.039 min
Delta R.T.: -0.019 min
Response: 1467504
Conc: 22.47 ug/ml