

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051324\
 Data File : FG013830.D
 Signal(s) : FID1A.ch
 Acq On : 13 May 2024 15:53
 Operator : YP\AJ
 Sample : PB160886BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB160886BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/14/2024
 Supervised By :Ankita Jodhani 05/14/2024

Integration File: autoint1.e
 Quant Time: May 14 04:05:19 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG050924.M
 Quant Title :
 QLast Update : Thu May 09 14:35:12 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...	15.061	2318101	19.897 ug/mlm
Target Compounds			
1) N-OCTANE	2.053	2038910	16.481 ug/ml
2) N-DECANE	4.576	2489922	19.653 ug/ml
3) N-DODECANE	6.747	2608003	20.241 ug/ml
4) N-TETRADECANE	8.580	2711963	20.619 ug/mlm
5) N-HEXADECANE	10.193	2767672	20.762 ug/ml
6) N-OCTADECANE	11.642	2825226	20.743 ug/ml
7) N-EICOSANE	12.956	2856531	20.737 ug/ml
8) N-DOCOSANE	14.159	2753095	20.759 ug/ml
10) N-TETRACOSANE	15.266	2756871	20.888 ug/mlm
11) N-HEXACOSANE	16.293	2747540	21.160 ug/ml
12) N-OCTACOSANE	17.245	2612973	20.591 ug/mlm
13) N-TRIACONTANE	18.134	2604141	20.513 ug/mlm
14) N-DOTRIACONTANE	18.970	2734082	21.486 ug/ml
15) N-TETRATRIACONTANE	19.755	2820121	24.141 ug/mlm
16) N-HEXATRIACONTANE	20.497	2929888	26.590 ug/mlm
17) N-OCTATRIACONTANE	21.250	3239320	32.477 ug/mlm
18) N-TETRACONTANE	22.190	4294739	43.493 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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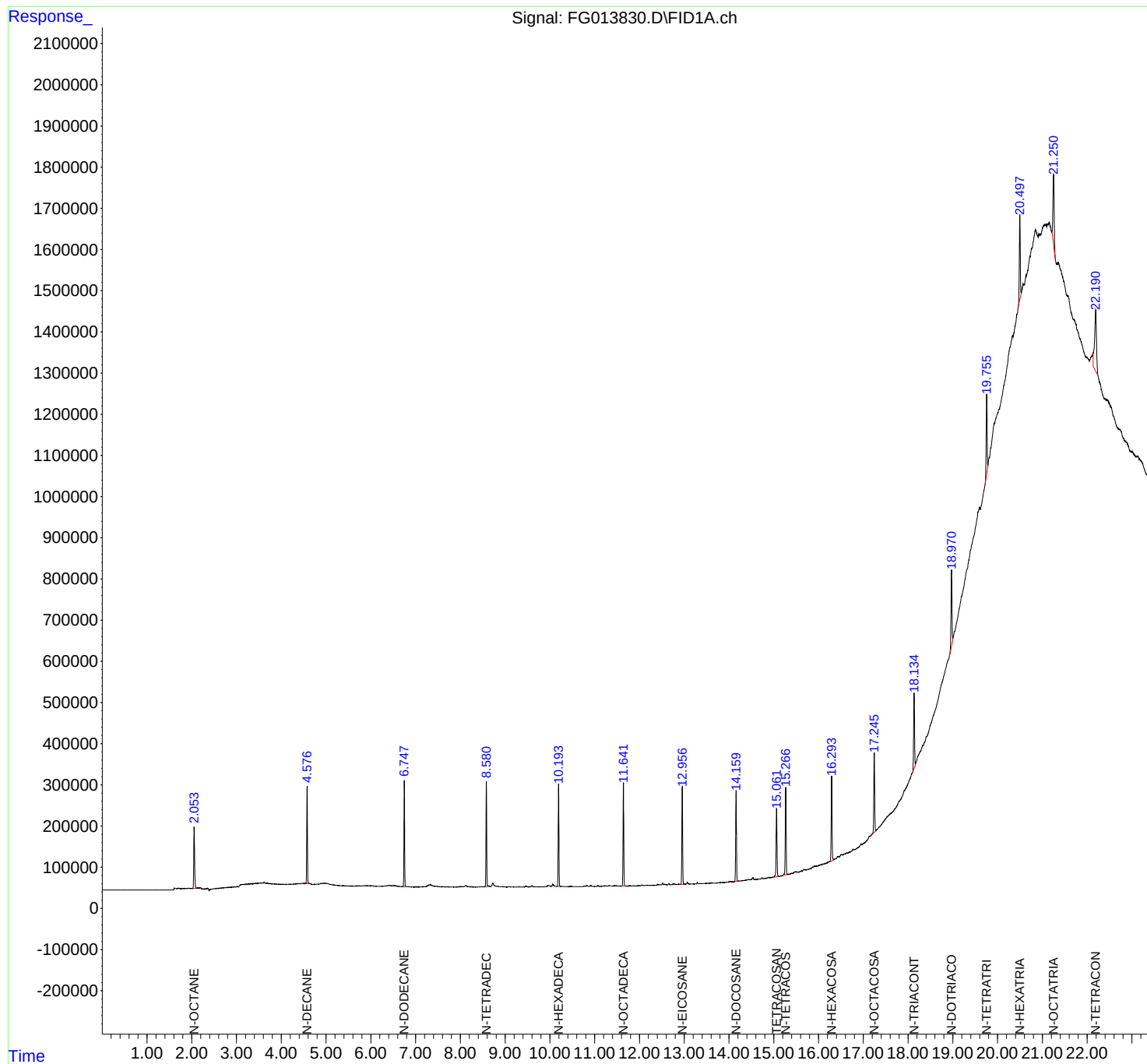
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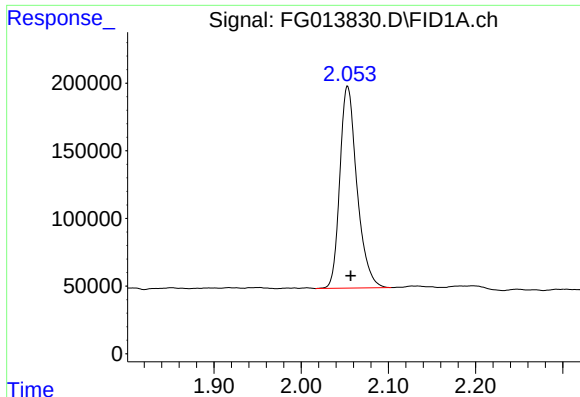
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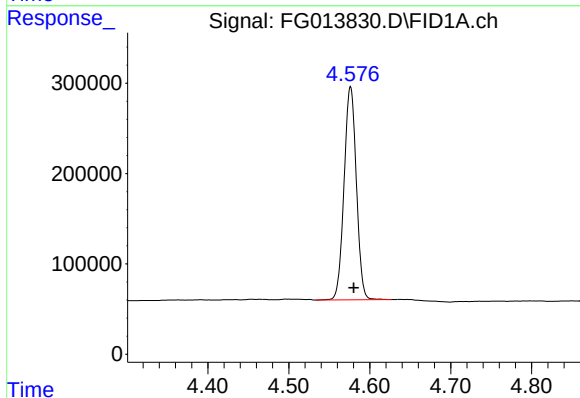
#1 N-OCTANE

R.T.: 2.053 min
Delta R.T.: -0.004 min
Response: 2038910
Conc: 16.48 ug/ml

Instrument :
FID_G
ClientSampleId :
PB160886BS

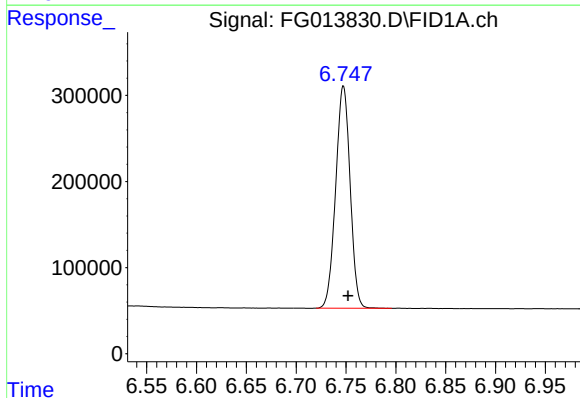
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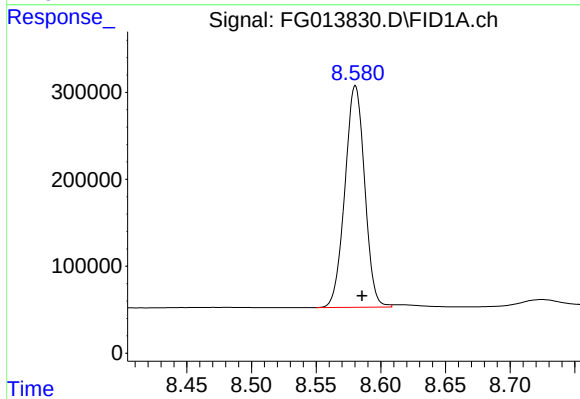
#2 N-DECANE

R.T.: 4.576 min
Delta R.T.: -0.004 min
Response: 2489922
Conc: 19.65 ug/ml



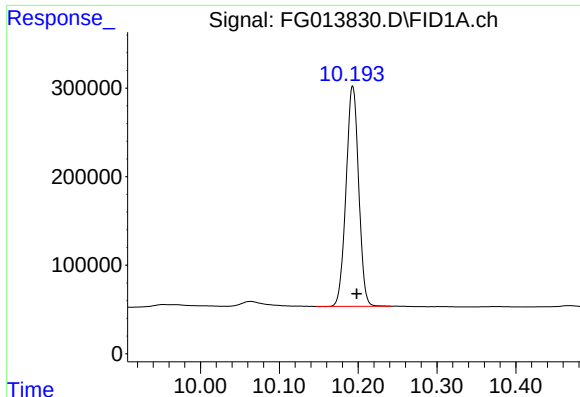
#3 N-DODECANE

R.T.: 6.747 min
Delta R.T.: -0.005 min
Response: 2608003
Conc: 20.24 ug/ml



#4 N-TETRADECANE

R.T.: 8.580 min
Delta R.T.: -0.006 min
Response: 2711963
Conc: 20.62 ug/ml m



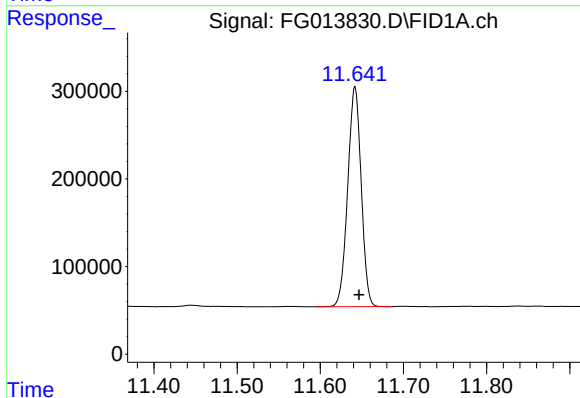
#5 N-HEXADECANE

R.T.: 10.193 min
Delta R.T.: -0.005 min
Response: 2767672
Conc: 20.76 ug/ml

Instrument :
FID_G
ClientSampleId :
PB160886BS

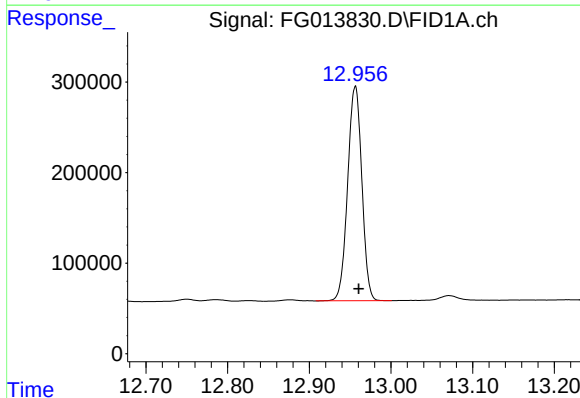
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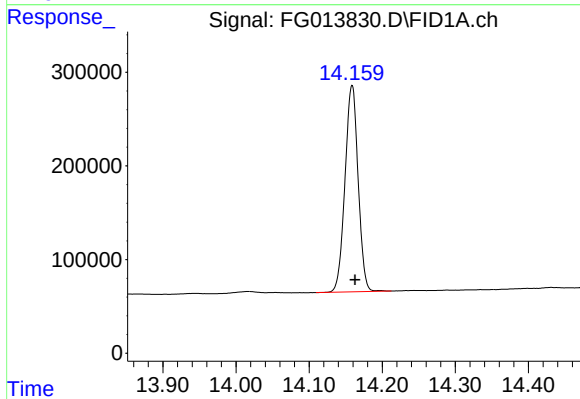
#6 N-OCTADECANE

R.T.: 11.642 min
Delta R.T.: -0.005 min
Response: 2825226
Conc: 20.74 ug/ml



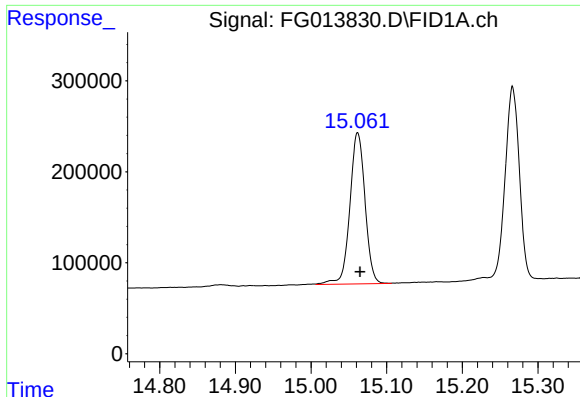
#7 N-EICOSANE

R.T.: 12.956 min
Delta R.T.: -0.004 min
Response: 2856531
Conc: 20.74 ug/ml



#8 N-DOCOSANE

R.T.: 14.159 min
Delta R.T.: -0.004 min
Response: 2753095
Conc: 20.76 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.061 min
Delta R.T.: -0.004 min
Response: 2318101
Conc: 19.90 ug/ml

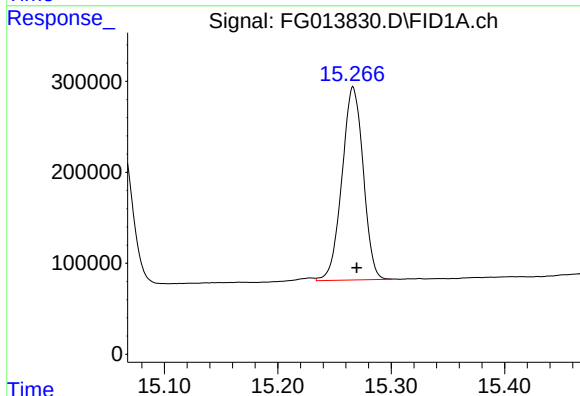
Instrument :

FID_G

ClientSampleId :
PB160886BS

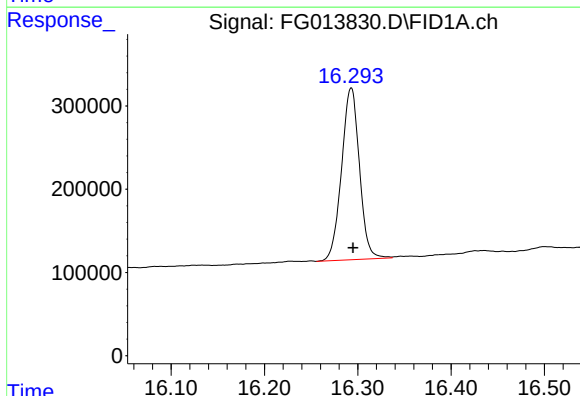
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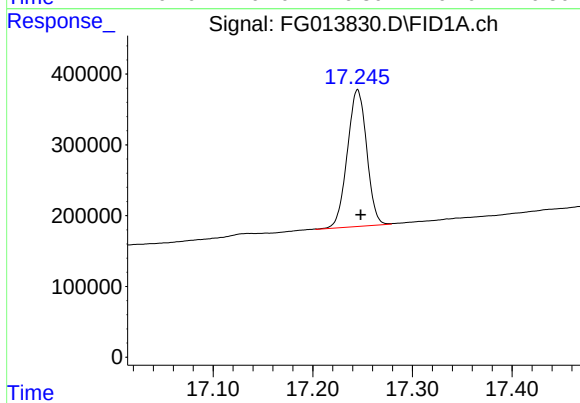
#10 N-TETRACOSANE

R.T.: 15.266 min
Delta R.T.: -0.004 min
Response: 2756871
Conc: 20.89 ug/ml m



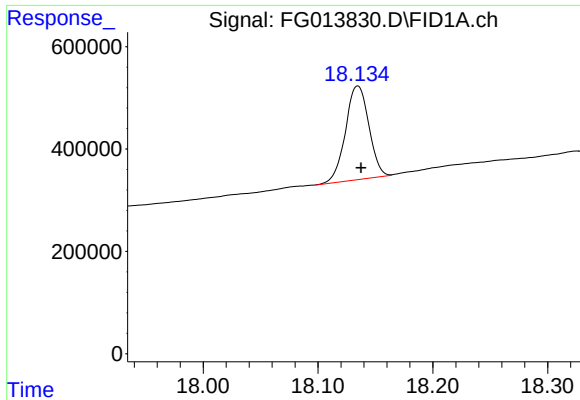
#11 N-HEXACOSANE

R.T.: 16.293 min
Delta R.T.: -0.002 min
Response: 2747540
Conc: 21.16 ug/ml



#12 N-OCTACOSANE

R.T.: 17.245 min
Delta R.T.: -0.003 min
Response: 2612973
Conc: 20.59 ug/ml m



#13 N-TRIACONTANE

R.T.: 18.134 min
Delta R.T.: -0.003 min
Response: 2604141
Conc: 20.51 ug/ml

Instrument :

FID_G

ClientSampleId :

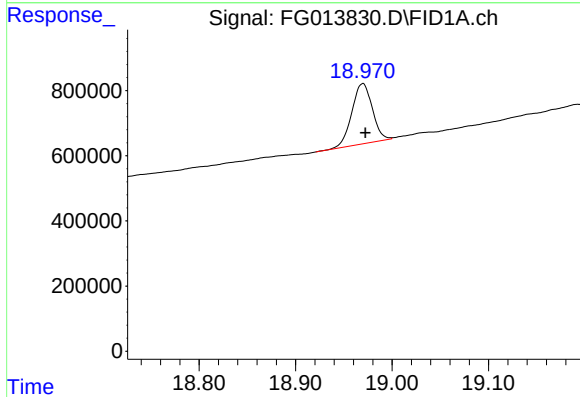
PB160886BS

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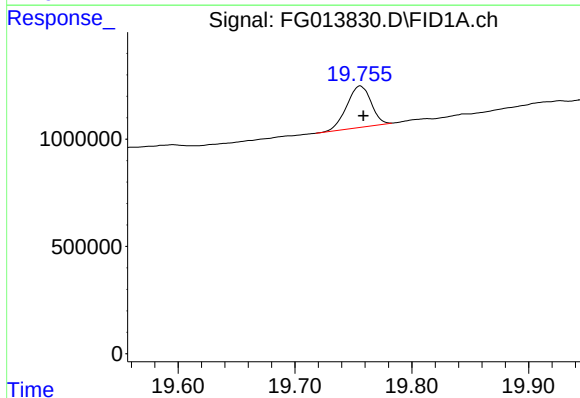
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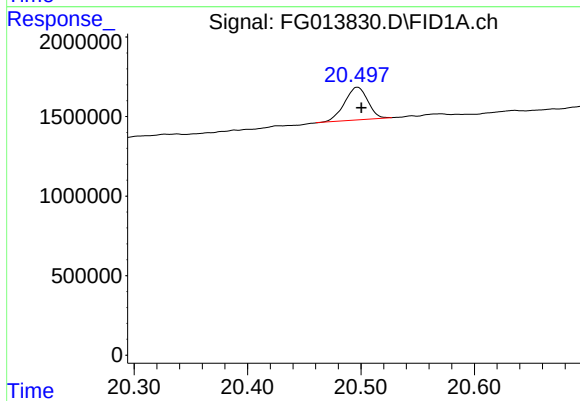
#14 N-DOTRIACONTANE

R.T.: 18.970 min
Delta R.T.: -0.003 min
Response: 2734082
Conc: 21.49 ug/ml



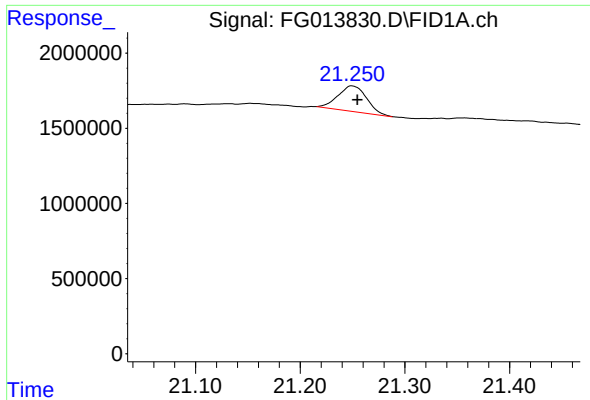
#15 N-TETRATRIACONTANE

R.T.: 19.755 min
Delta R.T.: -0.003 min
Response: 2820121
Conc: 24.14 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.497 min
Delta R.T.: -0.004 min
Response: 2929888
Conc: 26.59 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 21.250 min
Delta R.T.: -0.005 min
Response: 3239320
Conc: 32.48 ug/ml

Instrument :

FID_G

ClientSampleId :

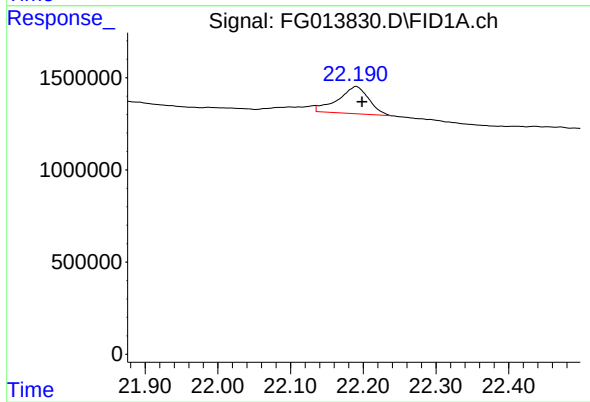
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#18 N-TETRACONTANE

R.T.: 22.190 min
Delta R.T.: -0.009 min
Response: 4294739
Conc: 43.49 ug/ml m