

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042524\
 Data File : FG013695.D
 Signal(s) : FID1A.ch
 Acq On : 25 Apr 2024 15:42
 Operator : YP\AJ
 Sample : P2244-01MS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WASTEMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :Ankita Jodhani 04/26/2024

Integration File: autoint1.e
 Quant Time: Apr 26 05:12:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG041124.M
 Quant Title :
 QLast Update : Thu Apr 11 13:37:53 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...	15.074	1593905	13.706 ug/ml
Target Compounds			
1) N-OCTANE	2.059	1447491	11.820 ug/ml
2) N-DECANE	4.584	1940325	15.490 ug/ml
3) N-DODECANE	6.756	2113170	16.633 ug/ml
4) N-TETRADECANE	8.590	2621789	20.415 ug/ml
5) N-HEXADECANE	10.204	3168160	24.475 ug/ml
6) N-OCTADECANE	11.653	3347140	25.266 ug/ml
7) N-EICOSANE	12.969	2963250	21.994 ug/ml
8) N-DOCOSANE	14.172	2572231	19.622 ug/ml
10) N-TETRACOSANE	15.279	2597216	19.785 ug/ml
11) N-HEXACOSANE	16.303	2274360	17.406 ug/ml
12) N-OCTACOSANE	17.257	2250863	17.461 ug/ml
13) N-TRIACONTANE	18.147	2298752	17.714 ug/ml
14) N-DOTRIACONTANE	18.982	2417983	18.873 ug/mlm
15) N-TETRATRIACONTANE	19.770	2550685	21.307 ug/ml
16) N-HEXATRIACONTANE	20.513	2608423	23.787 ug/ml
17) N-OCTATRIACONTANE	21.271	2774740	27.422 ug/ml
18) N-TETRACONTANE	22.221	3051360	31.627 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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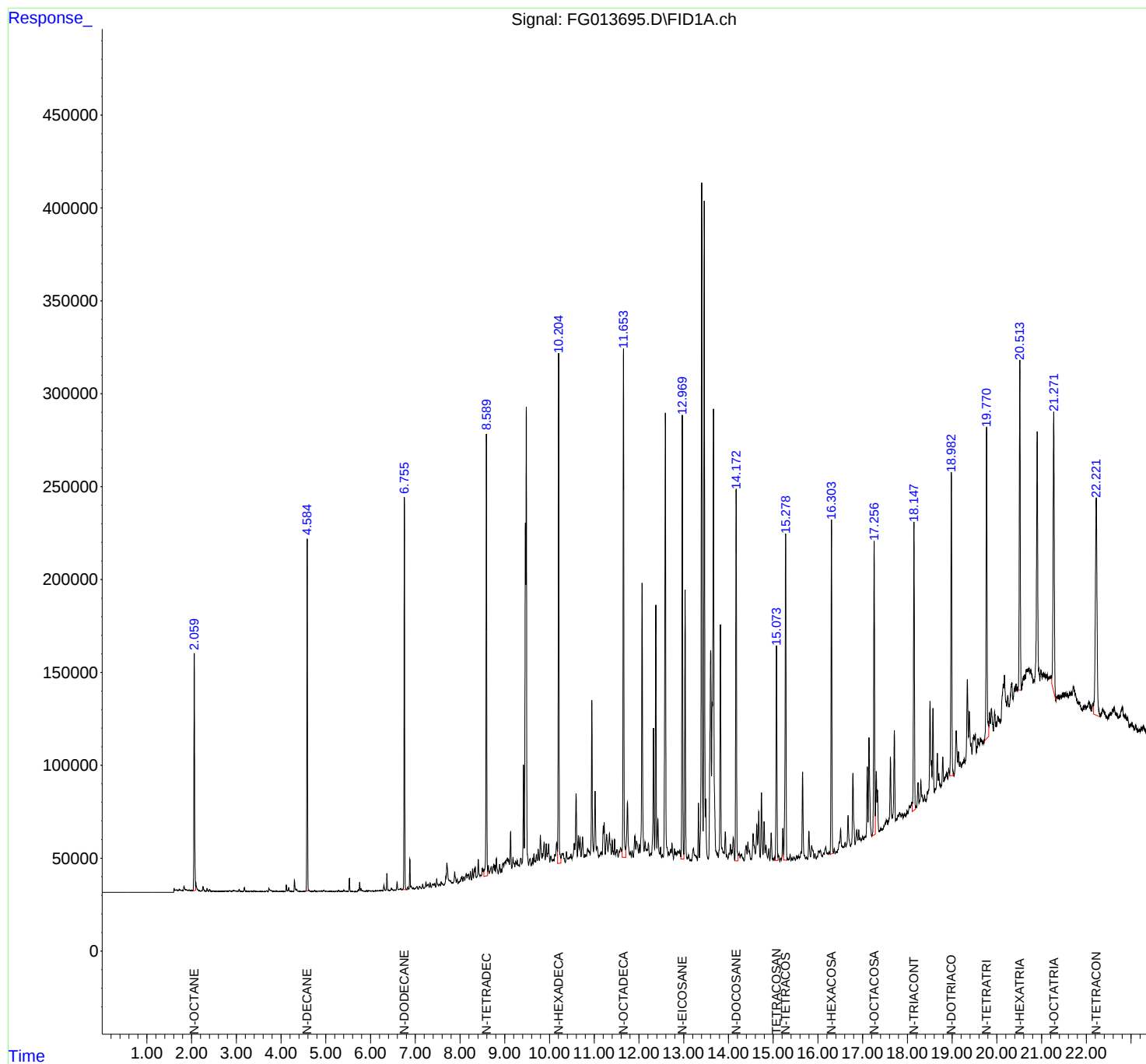
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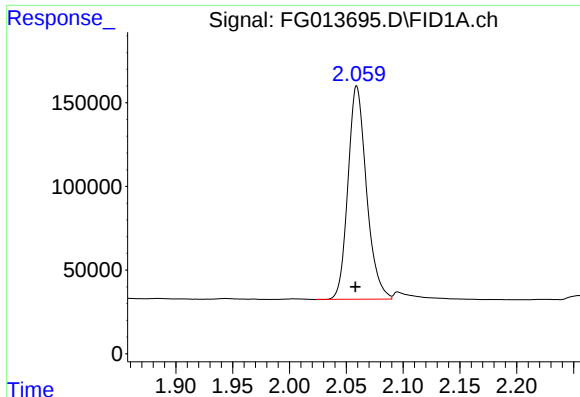
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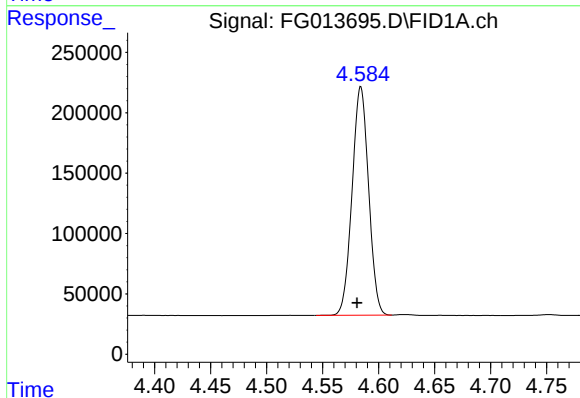
#1 N-OCTANE

R.T.: 2.059 min
Delta R.T.: 0.001 min
Response: 1447491
Conc: 11.82 ug/ml

Instrument :
FID_G
ClientSampleId :
WASTEMS

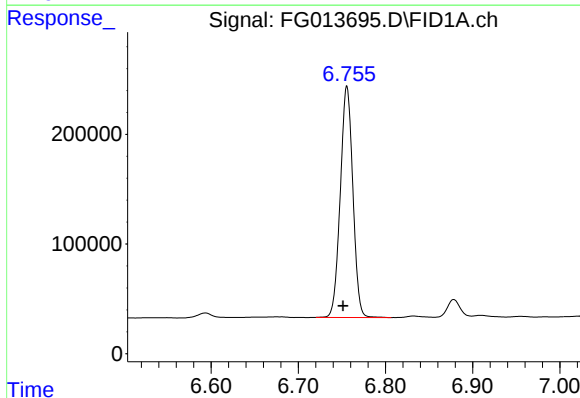
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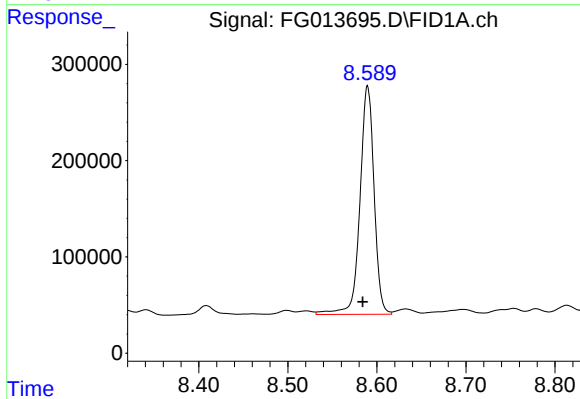
#2 N-DECANE

R.T.: 4.584 min
Delta R.T.: 0.003 min
Response: 1940325
Conc: 15.49 ug/ml



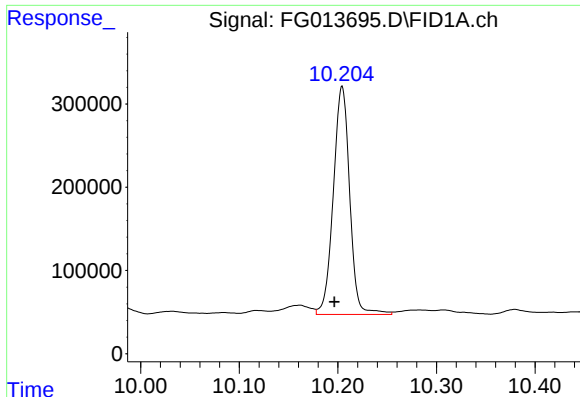
#3 N-DODECANE

R.T.: 6.756 min
Delta R.T.: 0.004 min
Response: 2113170
Conc: 16.63 ug/ml



#4 N-TETRADECANE

R.T.: 8.590 min
Delta R.T.: 0.006 min
Response: 2621789
Conc: 20.42 ug/ml



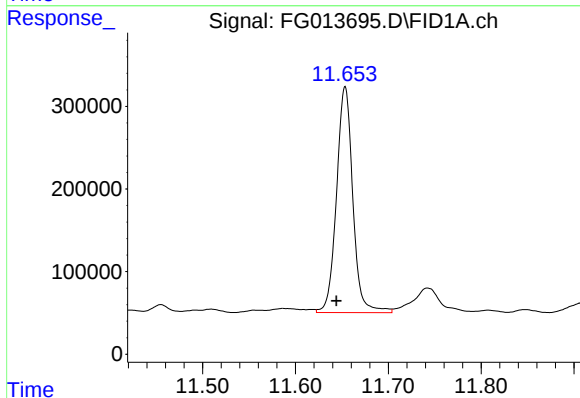
#5 N-HEXADECANE

R.T.: 10.204 min
Delta R.T.: 0.008 min
Response: 3168160
Conc: 24.48 ug/ml

Instrument :
FID_G
ClientSampleId :
WASTEMS

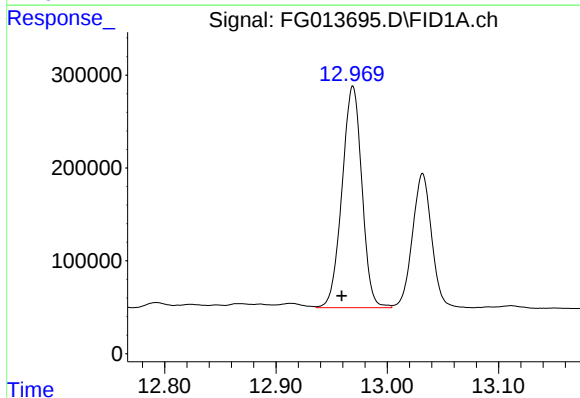
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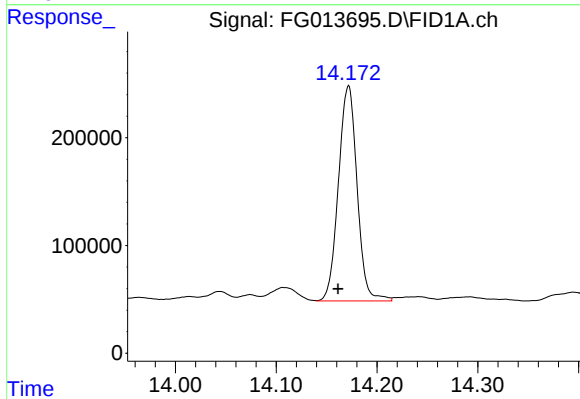
#6 N-OCTADECANE

R.T.: 11.653 min
Delta R.T.: 0.009 min
Response: 3347140
Conc: 25.27 ug/ml



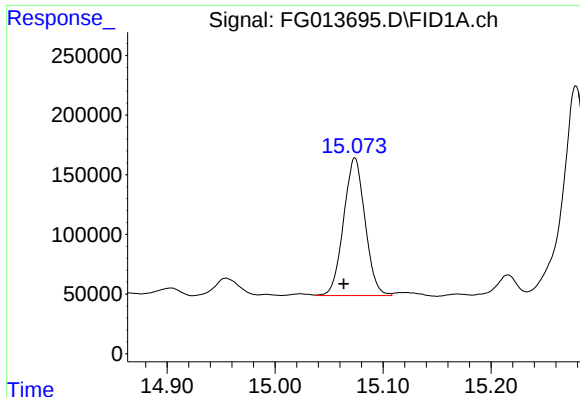
#7 N-EICOSANE

R.T.: 12.969 min
Delta R.T.: 0.010 min
Response: 2963250
Conc: 21.99 ug/ml



#8 N-DOCOSANE

R.T.: 14.172 min
Delta R.T.: 0.010 min
Response: 2572231
Conc: 19.62 ug/ml



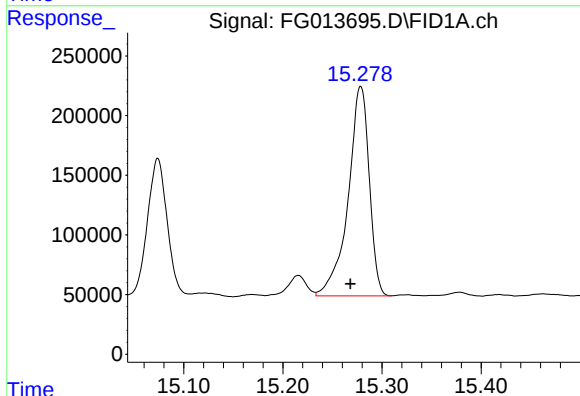
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.074 min
Delta R.T.: 0.010 min
Response: 1593905
Conc: 13.71 ug/ml

Instrument :
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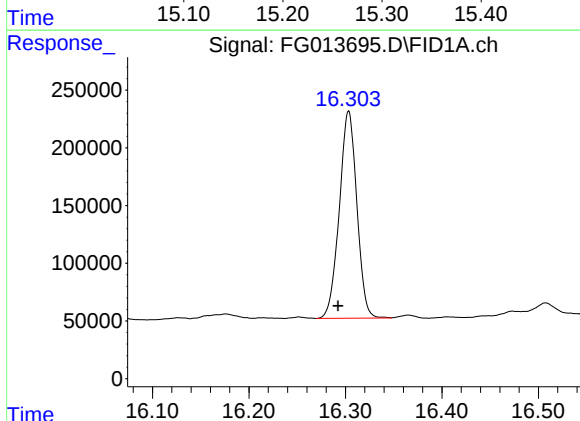
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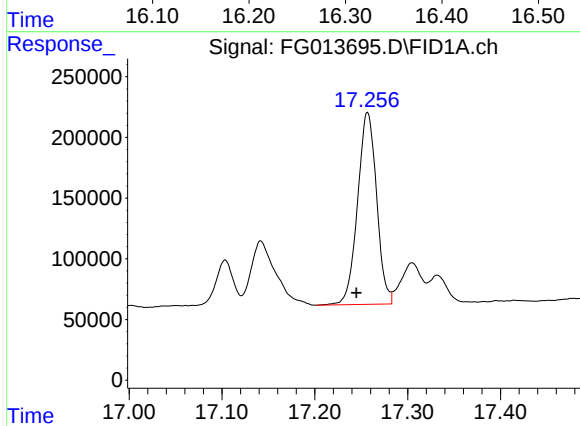
#10 N-TETRACOSANE

R.T.: 15.279 min
Delta R.T.: 0.010 min
Response: 2597216
Conc: 19.78 ug/ml



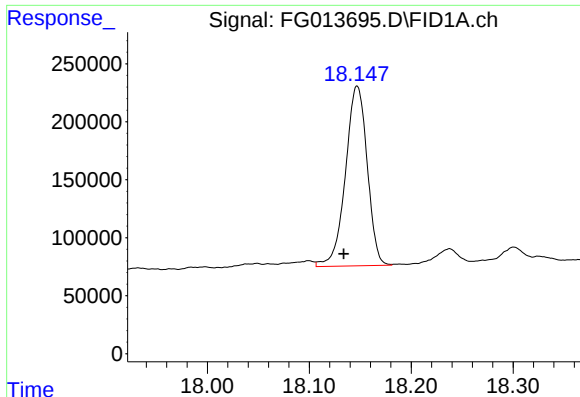
#11 N-HEXACOSANE

R.T.: 16.303 min
Delta R.T.: 0.011 min
Response: 2274360
Conc: 17.41 ug/ml



#12 N-OCTACOSANE

R.T.: 17.257 min
Delta R.T.: 0.012 min
Response: 2250863
Conc: 17.46 ug/ml



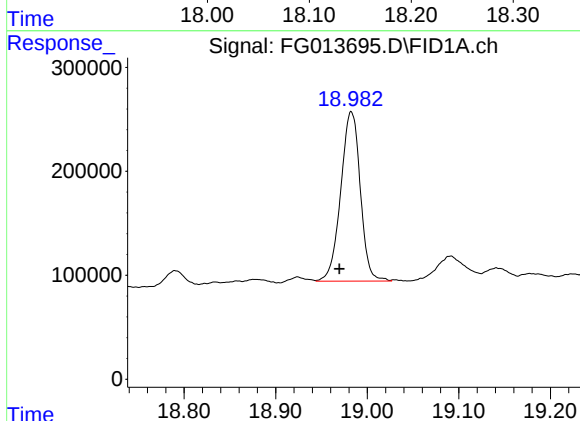
#13 N-TRIACONTANE

R.T.: 18.147 min
Delta R.T.: 0.013 min
Response: 2298752
Conc: 17.71 ug/ml

Instrument :
FID_G
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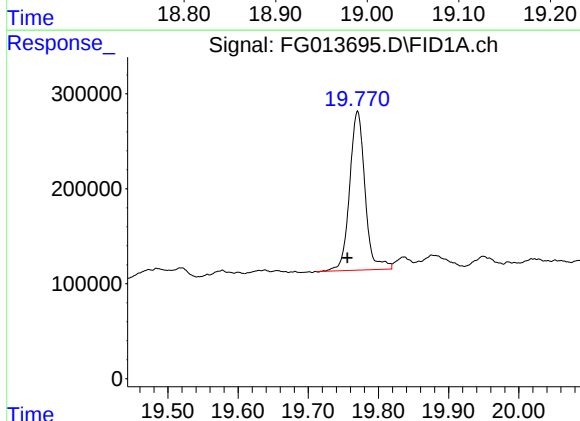
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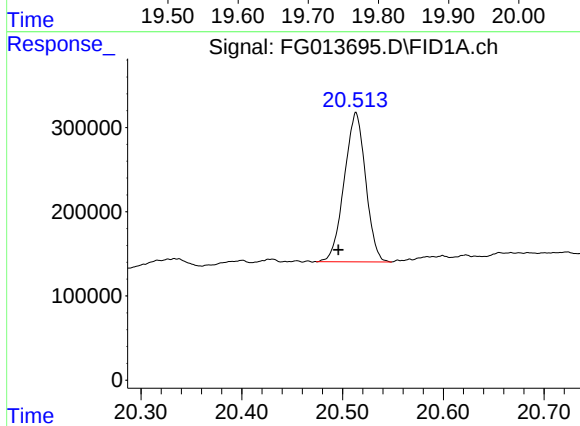
#14 N-DOTRIACONTANE

R.T.: 18.982 min
Delta R.T.: 0.012 min
Response: 2417983
Conc: 18.87 ug/ml m



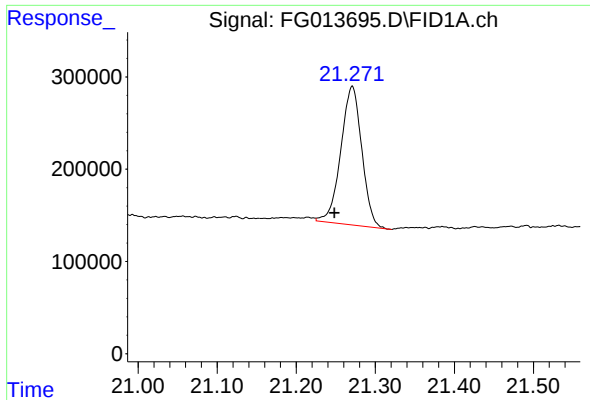
#15 N-TETRATRIACONTANE

R.T.: 19.770 min
Delta R.T.: 0.015 min
Response: 2550685
Conc: 21.31 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.513 min
Delta R.T.: 0.017 min
Response: 2608423
Conc: 23.79 ug/ml



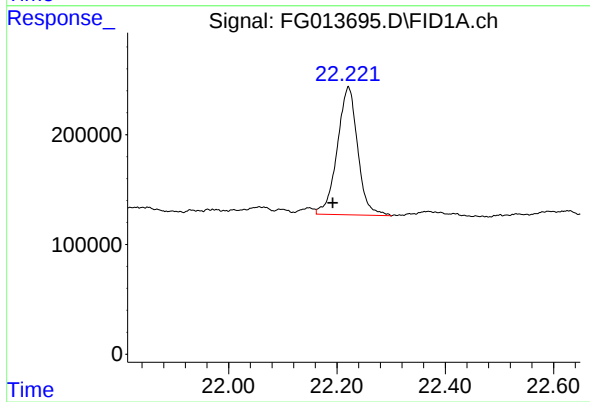
#17 N-OCTATRIACONTANE

R.T.: 21.271 min
Delta R.T.: 0.023 min
Response: 2774740
Conc: 27.42 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.221 min
Delta R.T.: 0.029 min
Response: 3051360
Conc: 31.63 ug/ml