

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042524\
 Data File : FG013696.D
 Signal(s) : FID1A.ch
 Acq On : 25 Apr 2024 16:11
 Operator : YP\AJ
 Sample : P2244-01MSD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WASTEMSD

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 05:12:52 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...	15.075	1614743	13.885 ug/ml
Target Compounds			
1) N-OCTANE	2.060	1424312	11.631 ug/ml
2) N-DECANE	4.585	1940989	15.495 ug/ml
3) N-DODECANE	6.757	2123411	16.713 ug/ml
4) N-TETRADECANE	8.591	2619235	20.395 ug/ml
5) N-HEXADECANE	10.205	3106901	24.002 ug/mlm
6) N-OCTADECANE	11.654	3348068	25.273 ug/mlm
7) N-EICOSANE	12.969	2999068	22.260 ug/mlm
8) N-DOCOSANE	14.173	2627387	20.043 ug/ml
10) N-TETRACOSANE	15.279	2633997	20.065 ug/ml
11) N-HEXACOSANE	16.304	2318451	17.743 ug/ml
12) N-OCTACOSANE	17.259	2294181	17.797 ug/ml
13) N-TRIACONTANE	18.149	2356935	18.162 ug/ml
14) N-DOTRIACONTANE	18.983	2475286	19.320 ug/mlm
15) N-TETRATRIACONTANE	19.773	2562794	21.408 ug/ml
16) N-HEXATRIACONTANE	20.515	2739739	24.984 ug/ml
17) N-OCTATRIACONTANE	21.272	2740128	27.080 ug/ml
18) N-TETRACONTANE	22.221	3091353	32.042 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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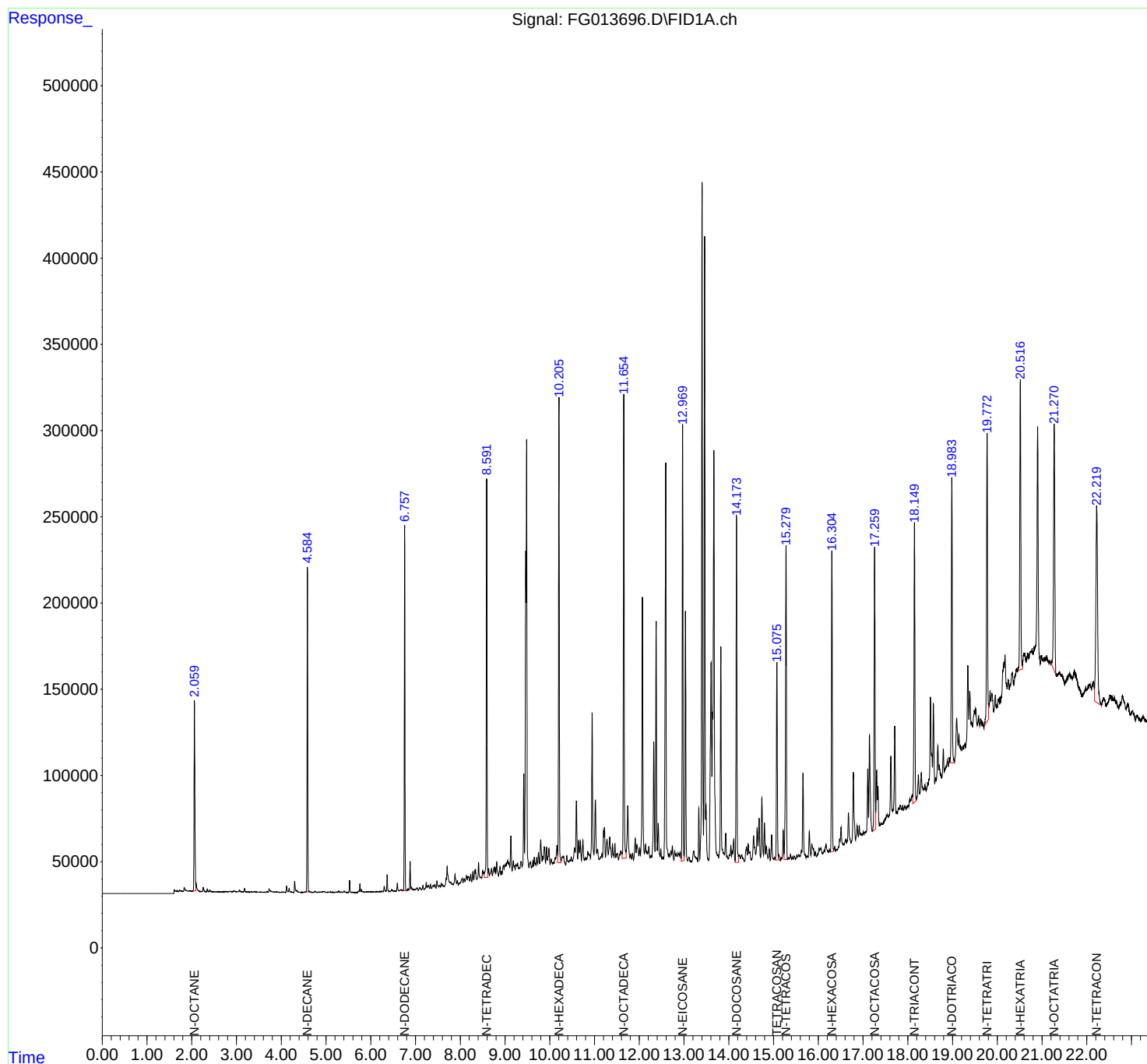
APPROVED

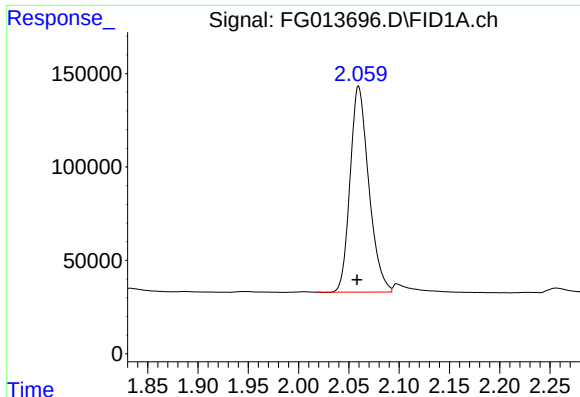
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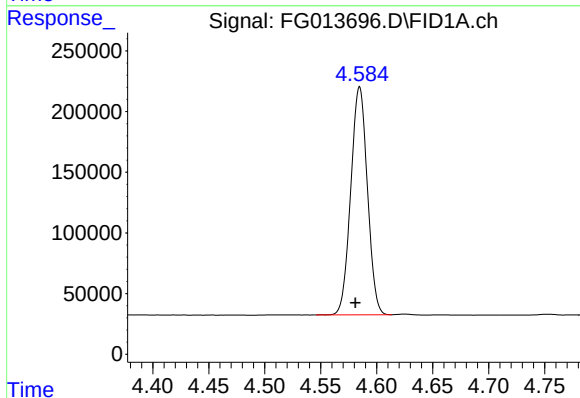
#1 N-OCTANE

R.T.: 2.060 min
Delta R.T.: 0.002 min
Response: 1424312
Conc: 11.63 ug/ml

Instrument :
FID_G
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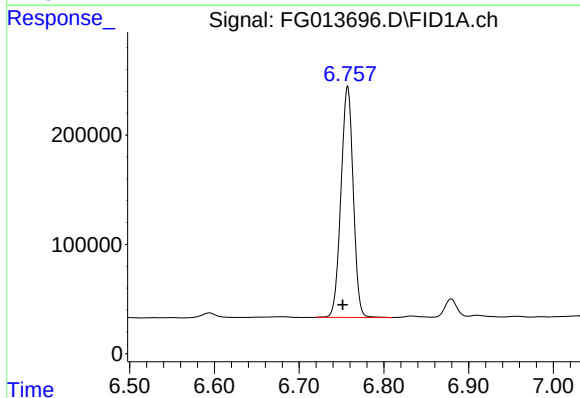
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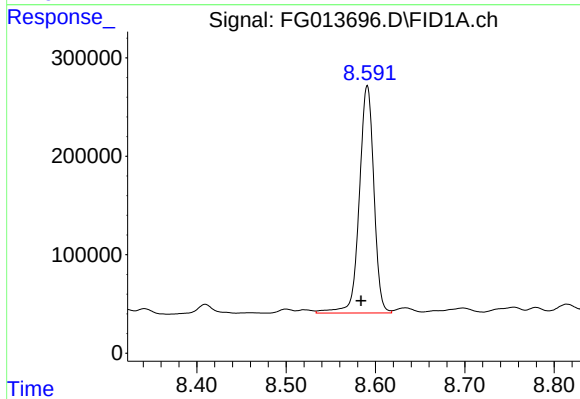
#2 N-DECANE

R.T.: 4.585 min
Delta R.T.: 0.004 min
Response: 1940989
Conc: 15.49 ug/ml



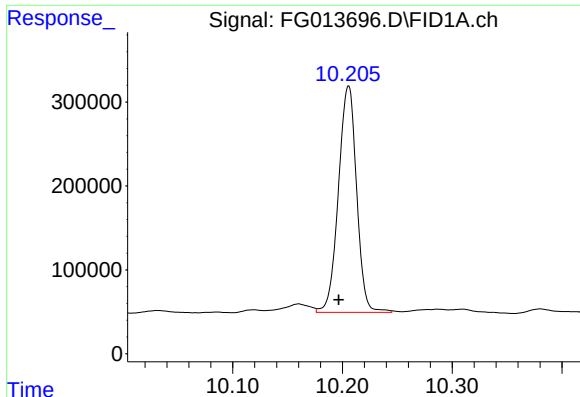
#3 N-DODECANE

R.T.: 6.757 min
Delta R.T.: 0.006 min
Response: 2123411
Conc: 16.71 ug/ml



#4 N-TETRADECANE

R.T.: 8.591 min
Delta R.T.: 0.007 min
Response: 2619235
Conc: 20.40 ug/ml



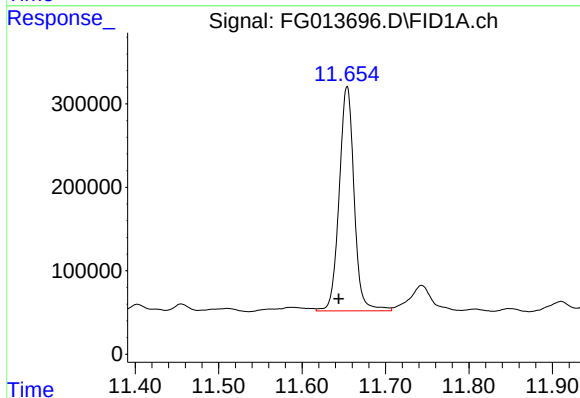
#5 N-HEXADECANE

R.T.: 10.205 min
Delta R.T.: 0.009 min
Response: 3106901
Conc: 24.00 ug/ml

Instrument :
FID_G
ClientSampleId :
WASTEMSD

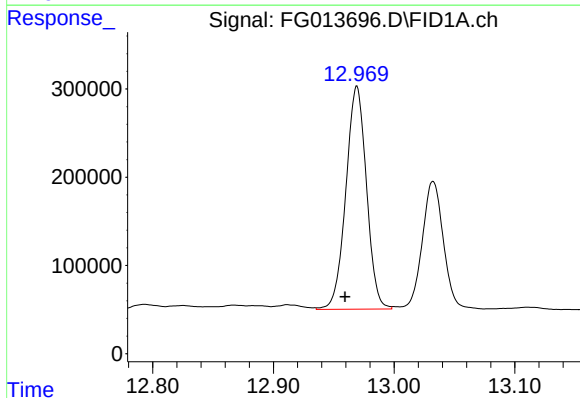
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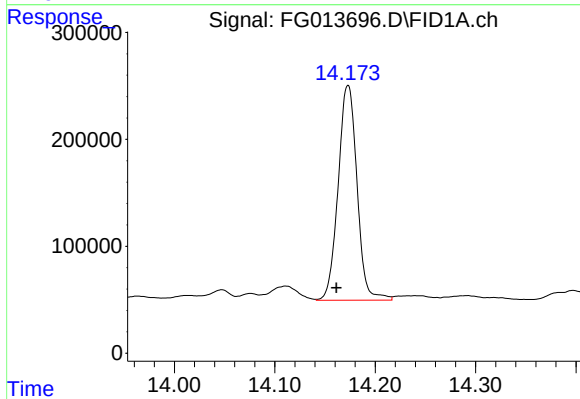
#6 N-OCTADECANE

R.T.: 11.654 min
Delta R.T.: 0.010 min
Response: 3348068
Conc: 25.27 ug/ml m



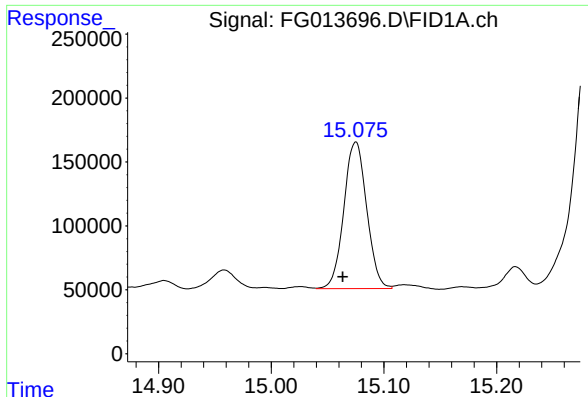
#7 N-EICOSANE

R.T.: 12.969 min
Delta R.T.: 0.010 min
Response: 2999068
Conc: 22.26 ug/ml m



#8 N-DOCOSANE

R.T.: 14.173 min
Delta R.T.: 0.012 min
Response: 2627387
Conc: 20.04 ug/ml



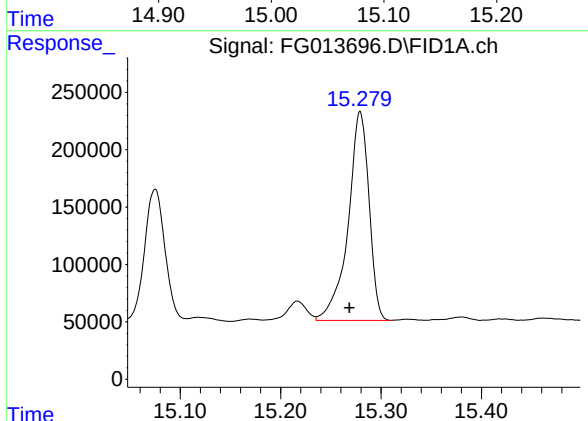
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.075 min
Delta R.T.: 0.011 min
Response: 1614743
Conc: 13.89 ug/ml

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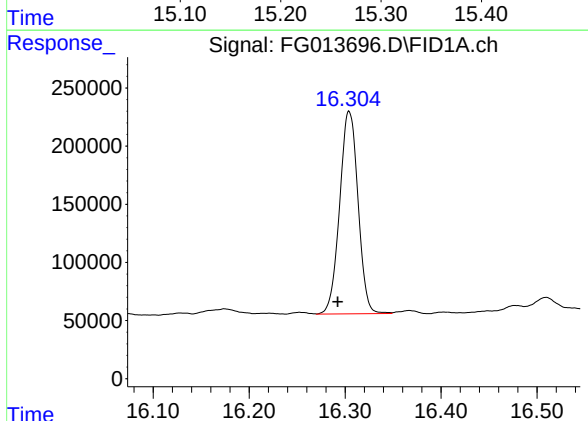
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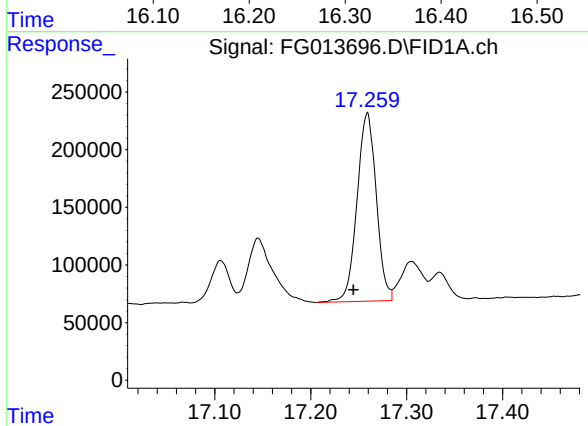
#10 N-TETRACOSANE

R.T.: 15.279 min
Delta R.T.: 0.011 min
Response: 2633997
Conc: 20.06 ug/ml



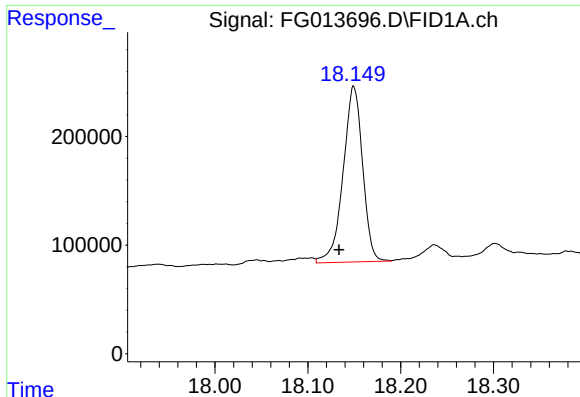
#11 N-HEXACOSANE

R.T.: 16.304 min
Delta R.T.: 0.012 min
Response: 2318451
Conc: 17.74 ug/ml



#12 N-OCTACOSANE

R.T.: 17.259 min
Delta R.T.: 0.014 min
Response: 2294181
Conc: 17.80 ug/ml



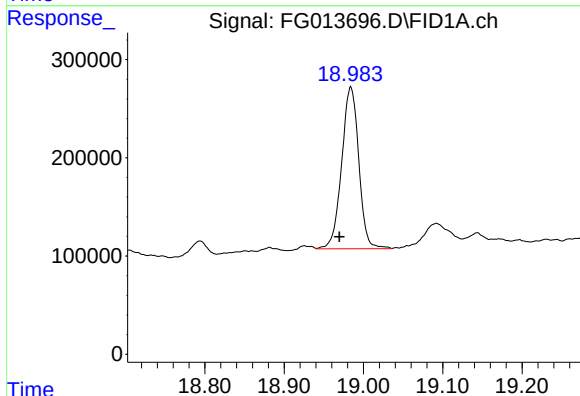
#13 N-TRIACONTANE

R.T.: 18.149 min
Delta R.T.: 0.016 min
Response: 2356935
Conc: 18.16 ug/ml

Instrument :
FID_G
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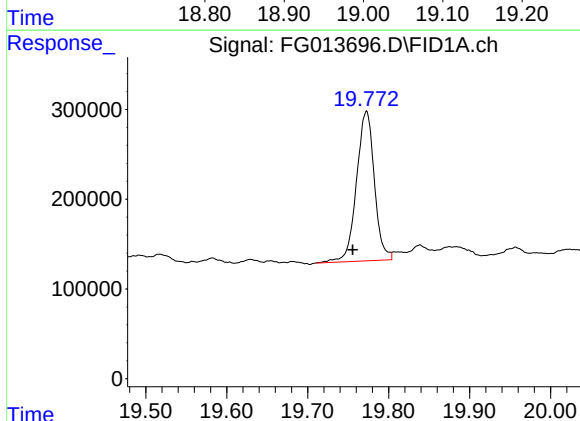
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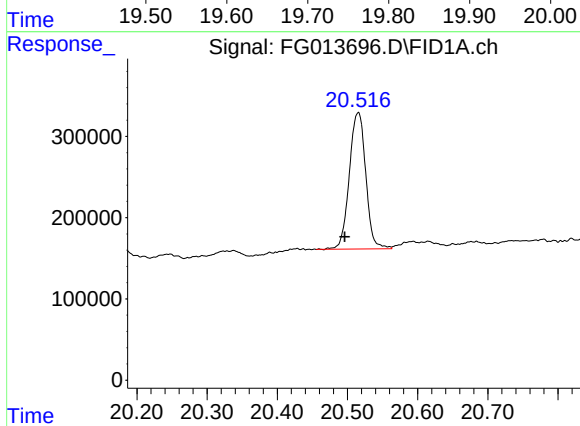
#14 N-DOTRIACONTANE

R.T.: 18.983 min
Delta R.T.: 0.014 min
Response: 2475286
Conc: 19.32 ug/ml m



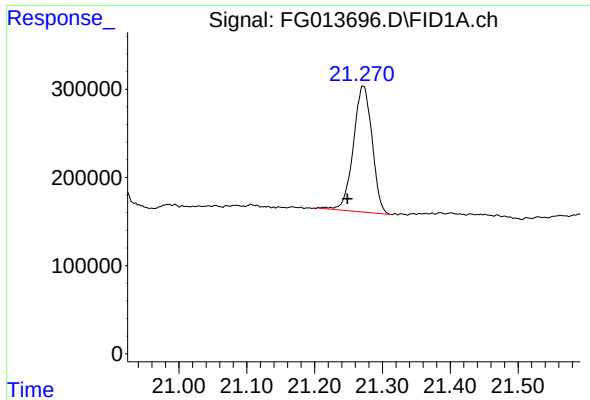
#15 N-TETRATRIACONTANE

R.T.: 19.773 min
Delta R.T.: 0.017 min
Response: 2562794
Conc: 21.41 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.515 min
Delta R.T.: 0.019 min
Response: 2739739
Conc: 24.98 ug/ml



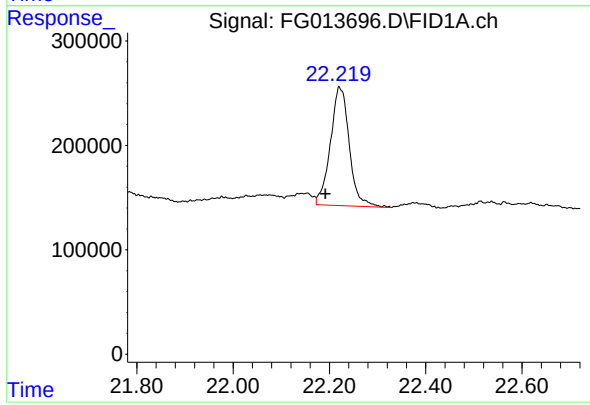
#17 N-OCTATRIACONTANE

R.T.: 21.272 min
Delta R.T.: 0.023 min
Response: 2740128
Conc: 27.08 ug/ml

Instrument :
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#18 N-TETRACONTANE

R.T.: 22.221 min
Delta R.T.: 0.029 min
Response: 3091353
Conc: 32.04 ug/ml