

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100622\
 Data File : FG010806.D
 Signal(s) : FID1A.ch
 Acq On : 06 Oct 2022 18:38
 Operator : YP\AJ
 Sample : N4988-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 AU-5-100422MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/07/2022
 Supervised By :Ankita Jodhani 10/07/2022

Integration File: autoint1.e
 Quant Time: Oct 07 05:37:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG092822.M
 Quant Title :
 QLast Update : Thu Sep 29 02:21:49 2022
 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...	14.743	2426260	19.999 ug/mlm
Target Compounds			
1) N-OCTANE	1.770	1502810	11.788 ug/ml
2) N-DECANE	4.265	2066322	15.878 ug/ml
3) N-DODECANE	6.446	2266826	17.093 ug/ml
4) N-TETRADECANE	8.278	2355035	17.563 ug/ml
5) N-HEXADECANE	9.886	2746473	19.807 ug/ml
6) N-OCTADECANE	11.330	2841517	20.162 ug/ml
7) N-EICOSANE	12.644	3045422	21.536 ug/ml
8) N-DOCOSANE	13.839	4126987	29.812 ug/ml
10) N-TETRACOSANE	14.946	2689084	19.518 ug/ml
11) N-HEXACOSANE	15.969	2439372	18.081 ug/ml
12) N-OCTACOSANE	16.922	2747535	20.952 ug/ml
13) N-TRIACONTANE	17.811	2320131	18.025 ug/ml
14) N-DOTRIACONTANE	18.644	2338221	18.401 ug/ml
15) N-TETRATRIACONTANE	19.428	2065318	16.452 ug/mlm
16) N-HEXATRIACONTANE	20.171	1755800	14.581 ug/ml
17) N-OCTATRIACONTANE	20.879	1564066	12.726 ug/ml
18) N-TETRACONTANE	21.700	1643710	13.084 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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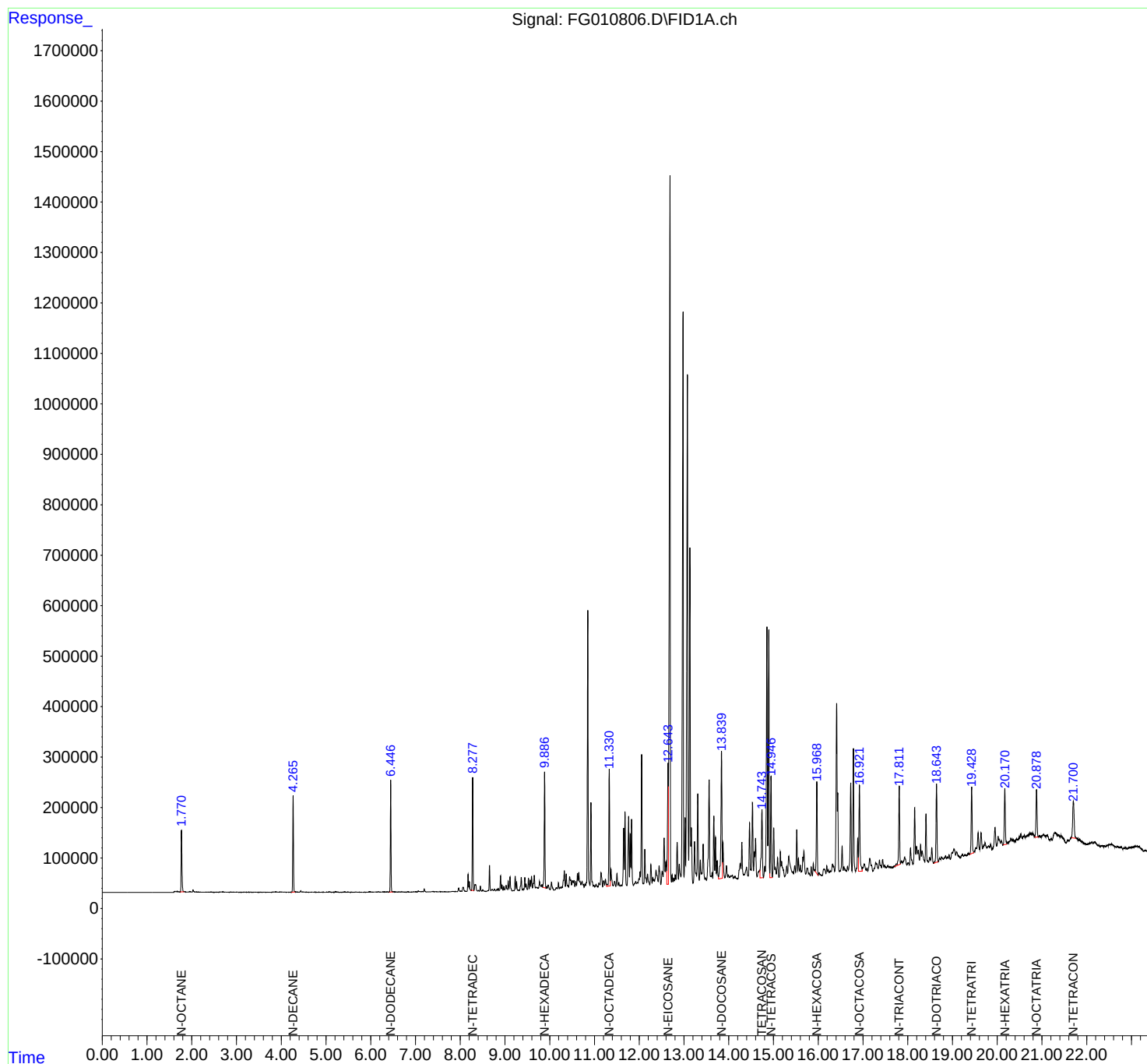
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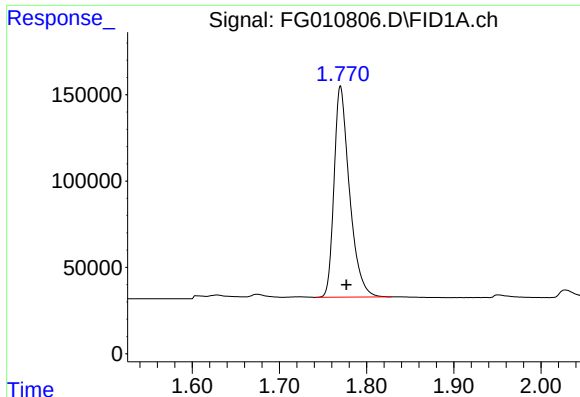
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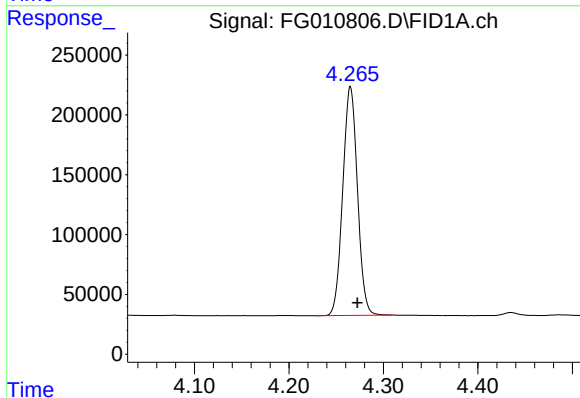
#1 N-OCTANE

R.T.: 1.770 min
Delta R.T.: -0.007 min
Response: 1502810
Conc: 11.79 ug/ml

Instrument :
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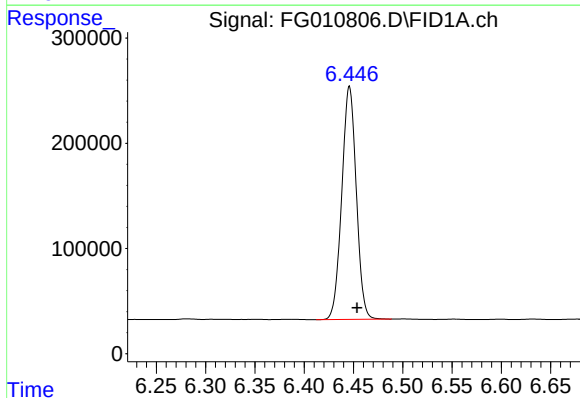
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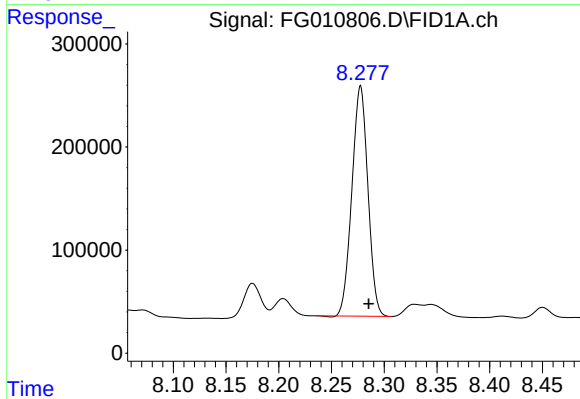
#2 N-DECANE

R.T.: 4.265 min
Delta R.T.: -0.007 min
Response: 2066322
Conc: 15.88 ug/ml



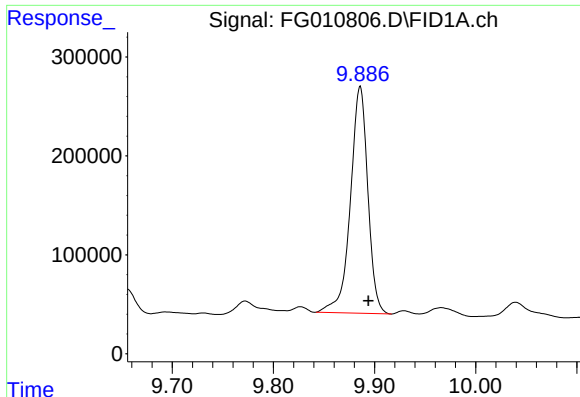
#3 N-DODECANE

R.T.: 6.446 min
Delta R.T.: -0.008 min
Response: 2266826
Conc: 17.09 ug/ml



#4 N-TETRADECANE

R.T.: 8.278 min
Delta R.T.: -0.008 min
Response: 2355035
Conc: 17.56 ug/ml



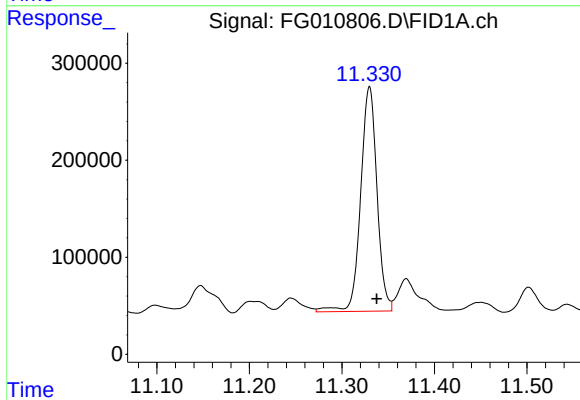
#5 N-HEXADECANE

R.T.: 9.886 min
Delta R.T.: -0.008 min
Response: 2746473
Conc: 19.81 ug/ml

Instrument :
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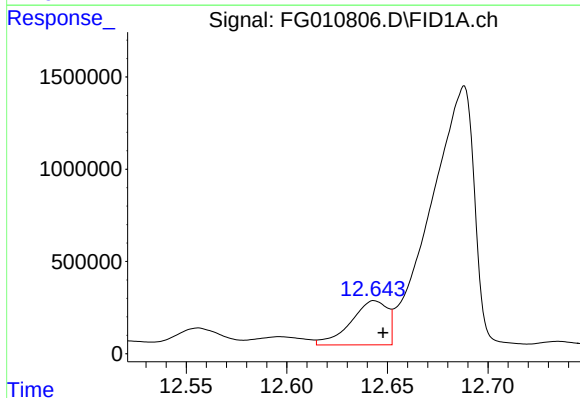
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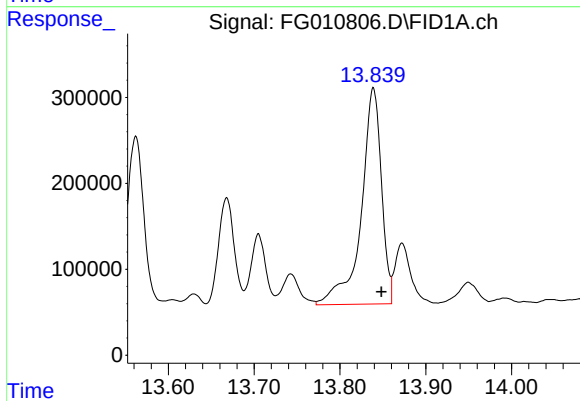
#6 N-OCTADECANE

R.T.: 11.330 min
Delta R.T.: -0.008 min
Response: 2841517
Conc: 20.16 ug/ml



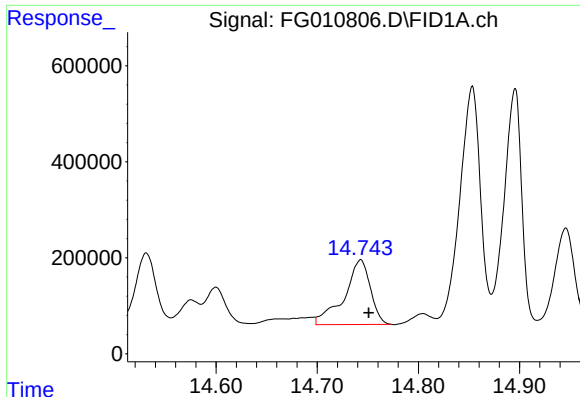
#7 N-EICOSANE

R.T.: 12.644 min
Delta R.T.: -0.004 min
Response: 3045422
Conc: 21.54 ug/ml



#8 N-DOCOSANE

R.T.: 13.839 min
Delta R.T.: -0.009 min
Response: 4126987
Conc: 29.81 ug/ml



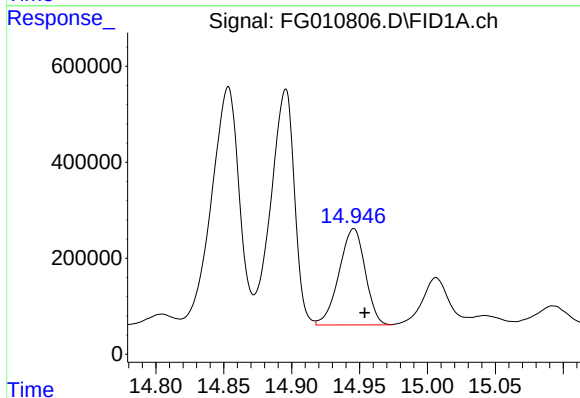
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.743 min
Delta R.T.: -0.008 min
Response: 2426260
Conc: 20.00 ug/ml

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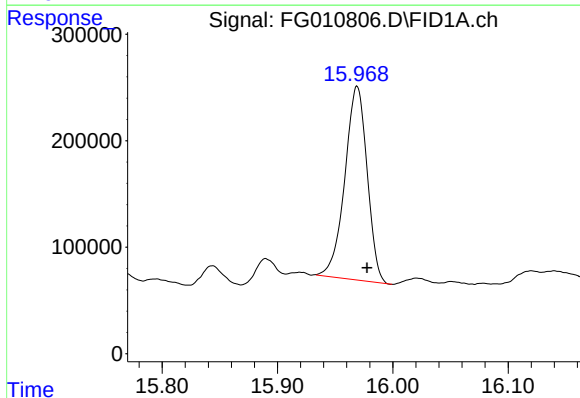
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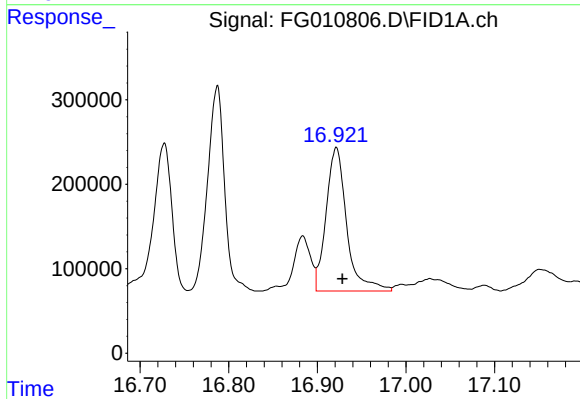
#10 N-TETRACOSANE

R.T.: 14.946 min
Delta R.T.: -0.008 min
Response: 2689084
Conc: 19.52 ug/ml



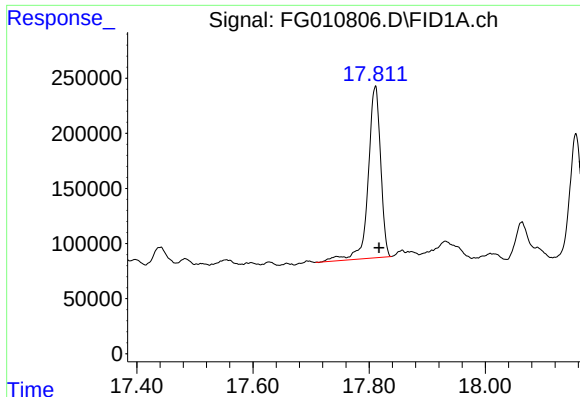
#11 N-HEXACOSANE

R.T.: 15.969 min
Delta R.T.: -0.009 min
Response: 2439372
Conc: 18.08 ug/ml



#12 N-OCTACOSANE

R.T.: 16.922 min
Delta R.T.: -0.007 min
Response: 2747535
Conc: 20.95 ug/ml



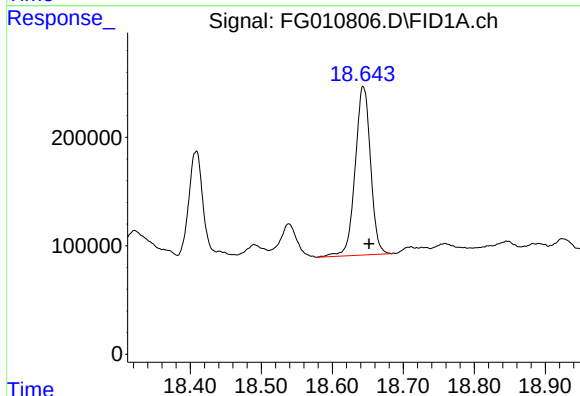
#13 N-TRIACONTANE

R.T.: 17.811 min
Delta R.T.: -0.006 min
Response: 2320131
Conc: 18.02 ug/ml

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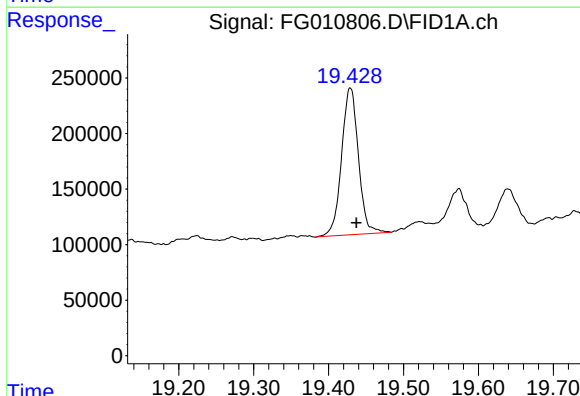
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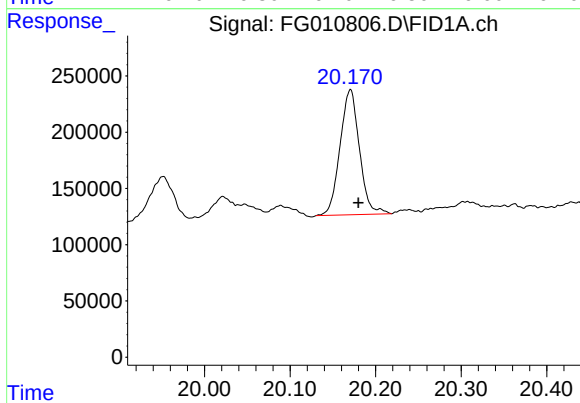
#14 N-DOTRIACONTANE

R.T.: 18.644 min
Delta R.T.: -0.008 min
Response: 2338221
Conc: 18.40 ug/ml



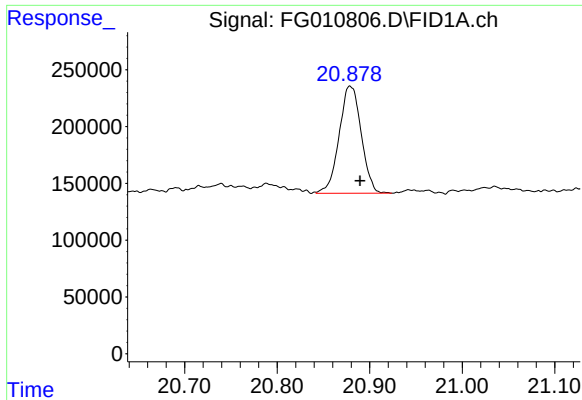
#15 N-TETRATRIACONTANE

R.T.: 19.428 min
Delta R.T.: -0.009 min
Response: 2065318
Conc: 16.45 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.171 min
Delta R.T.: -0.009 min
Response: 1755800
Conc: 14.58 ug/ml



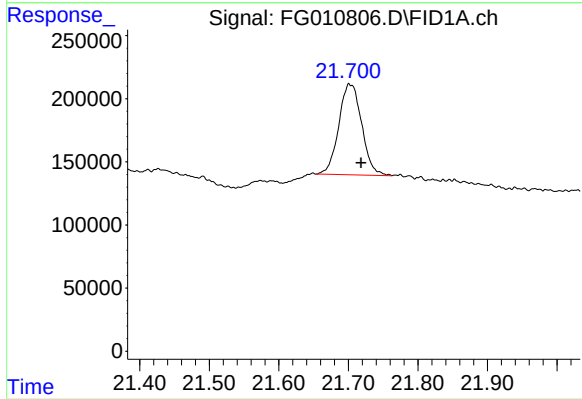
#17 N-OCTATRIACONTANE

R.T.: 20.879 min
Delta R.T.: -0.011 min
Response: 1564066
Conc: 12.73 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.700 min
Delta R.T.: -0.018 min
Response: 1643710
Conc: 13.08 ug/ml m