

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051625\
 Data File : FF015854.D
 Signal(s) : FID2B.ch
 Acq On : 16 May 2025 12:29
 Operator : YP\AJ
 Sample : PB168042BS
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 PB168042BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/19/2025
 Supervised By :mohammad ahmed 05/20/2025

Integration File: autoint1.e
 Quant Time: May 17 03:25:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF042225.M
 Quant Title :
 QLast Update : Tue Apr 22 11:27:50 2025
 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...	15.018	1959426	17.363 ug/ml
Target Compounds			
1) N-OCTANE	2.026	1762581	15.548 ug/ml
2) N-DECANE	4.563	1971501	19.320 ug/ml
3) N-DODECANE	6.731	2084779	19.040 ug/ml
4) N-TETRADECANE	8.558	2040941	17.683 ug/ml
5) N-HEXADECANE	10.166	2083484	17.654 ug/ml
6) N-OCTADECANE	11.609	2199205	17.482 ug/ml
7) N-EICOSANE	12.919	2189733	16.785 ug/ml
8) N-DOCOSANE	14.118	2176079	17.083 ug/ml
10) N-TETRACOSANE	15.222	2181844	17.345 ug/ml
11) N-HEXACOSANE	16.244	2126546	17.445 ug/ml
12) N-OCTACOSANE	17.195	2071334	17.505 ug/ml
13) N-TRIACONTANE	18.084	1992244	16.904 ug/ml
14) N-DOTRIACONTANE	18.916	1653692	14.515 ug/ml
15) N-TETRATRIACONTANE	19.700	994749	9.971 ug/ml
16) N-HEXATRIACONTANE	20.440	633505	7.940 ug/mlm
17) N-OCTATRIACONTANE	21.176	507067	8.929 ug/ml
18) N-TETRACONTANE	22.087	474592	11.671 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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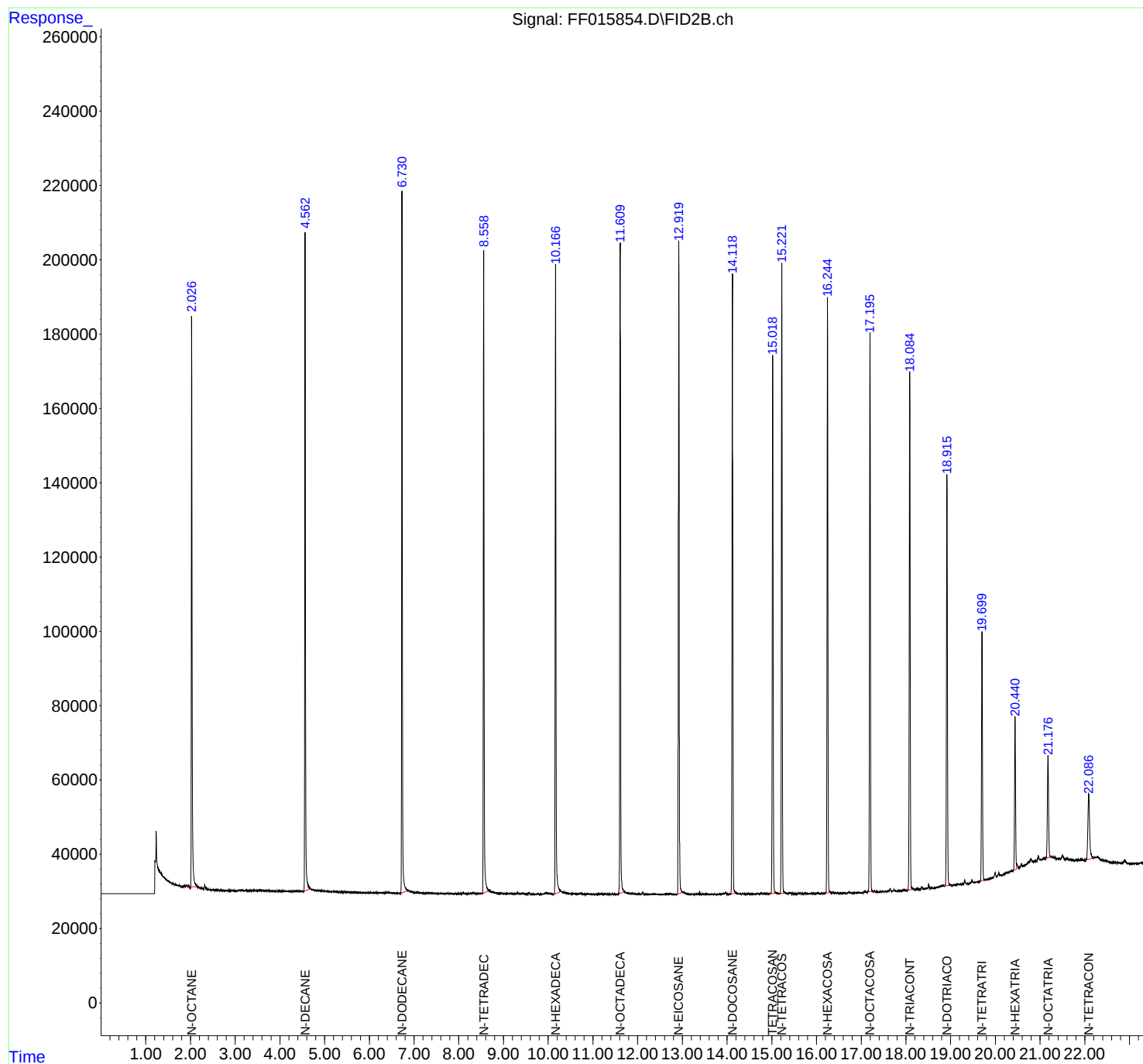
APPROVED

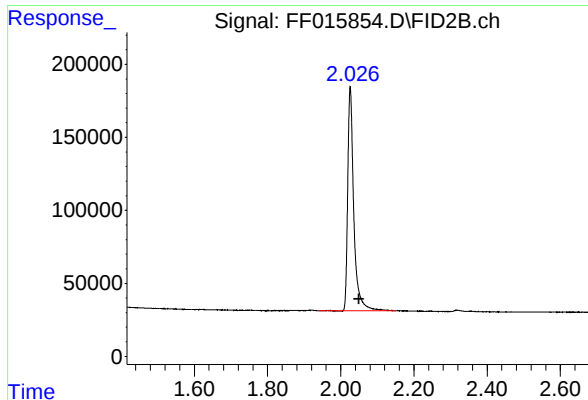
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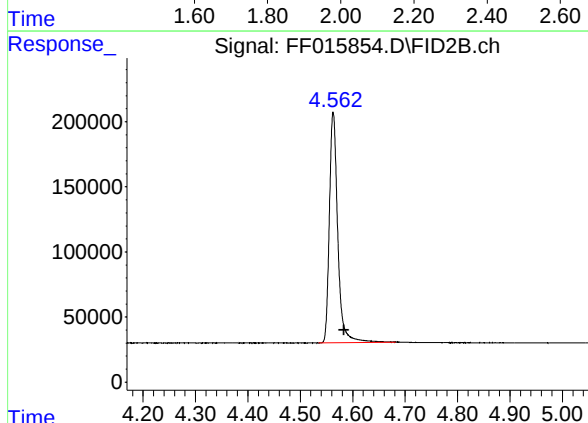
#1 N-OCTANE

R.T.: 2.026 min
Delta R.T.: -0.024 min
Response: 1762581
Conc: 15.55 ug/ml

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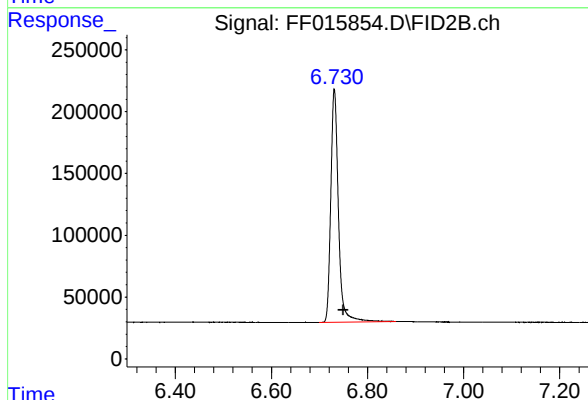
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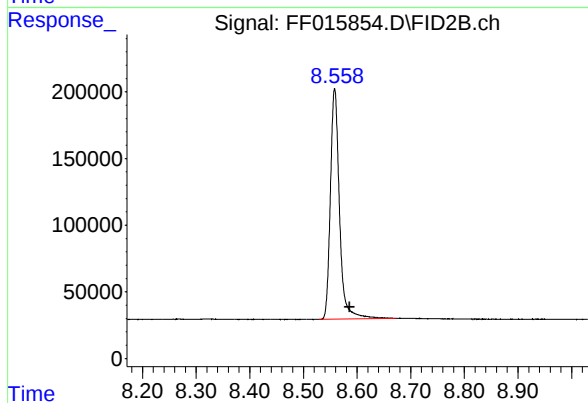
#2 N-DECANE

R.T.: 4.563 min
Delta R.T.: -0.021 min
Response: 1971501
Conc: 19.32 ug/ml



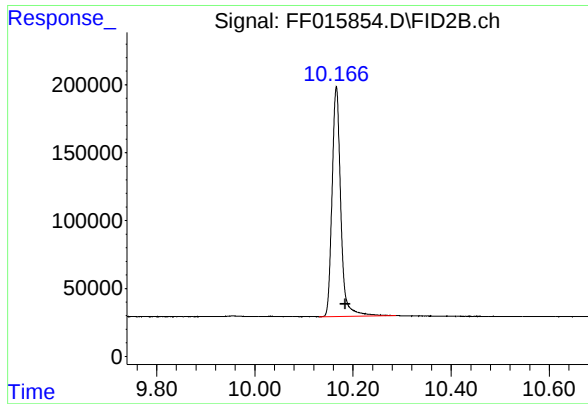
#3 N-DODECANE

R.T.: 6.731 min
Delta R.T.: -0.019 min
Response: 2084779
Conc: 19.04 ug/ml



#4 N-TETRADECANE

R.T.: 8.558 min
Delta R.T.: -0.028 min
Response: 2040941
Conc: 17.68 ug/ml



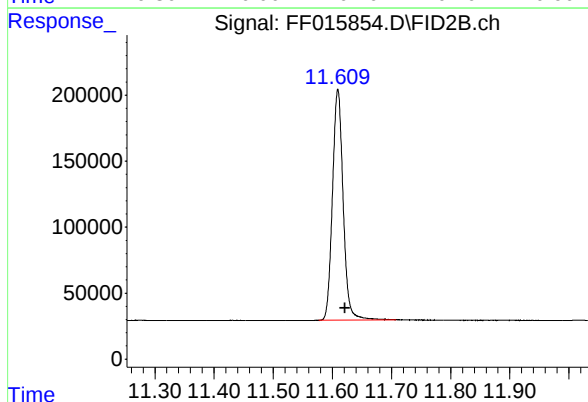
#5 N-HEXADECANE

R.T.: 10.166 min
Delta R.T.: -0.018 min
Response: 2083484
Conc: 17.65 ug/ml

Instrument :
FID_F
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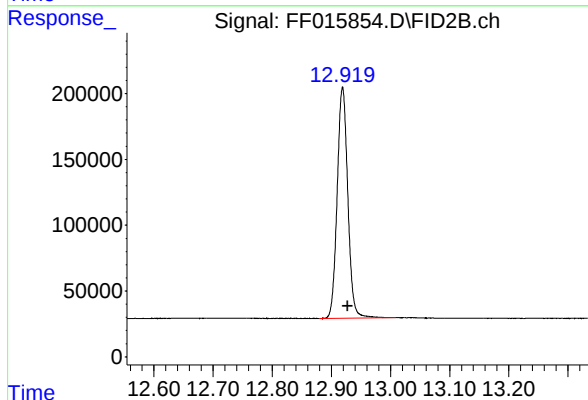
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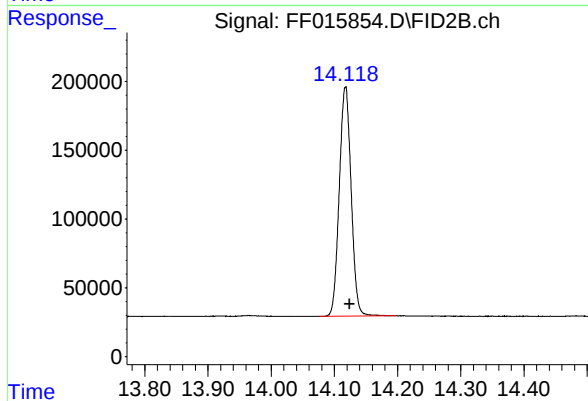
#6 N-OCTADECANE

R.T.: 11.609 min
Delta R.T.: -0.012 min
Response: 2199205
Conc: 17.48 ug/ml



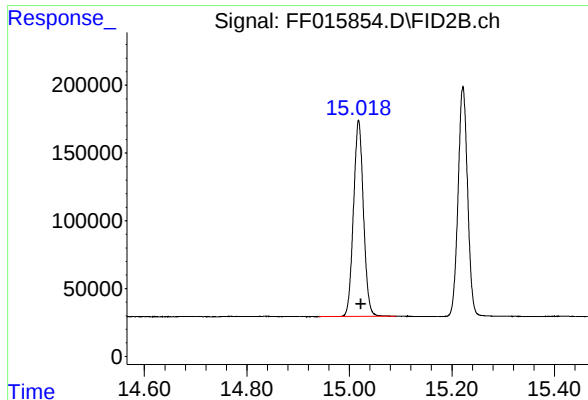
#7 N-EICOSANE

R.T.: 12.919 min
Delta R.T.: -0.008 min
Response: 2189733
Conc: 16.79 ug/ml



#8 N-DOCOSANE

R.T.: 14.118 min
Delta R.T.: -0.006 min
Response: 2176079
Conc: 17.08 ug/ml



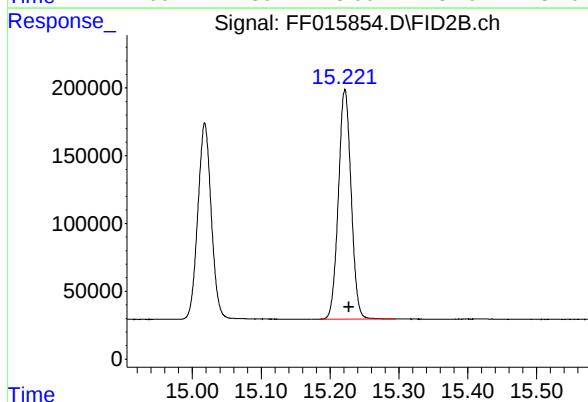
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.018 min
Delta R.T.: -0.004 min
Response: 1959426
Conc: 17.36 ug/ml

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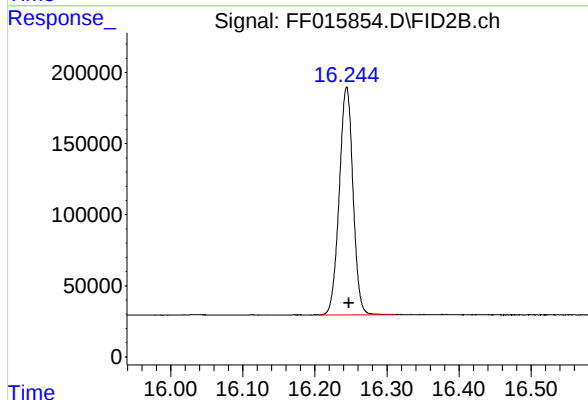
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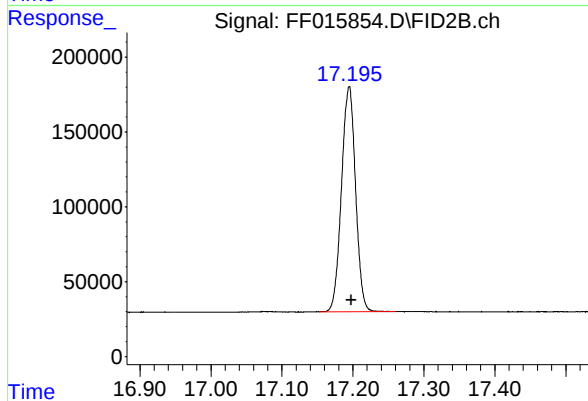
#10 N-TETRACOSANE

R.T.: 15.222 min
Delta R.T.: -0.006 min
Response: 2181844
Conc: 17.35 ug/ml



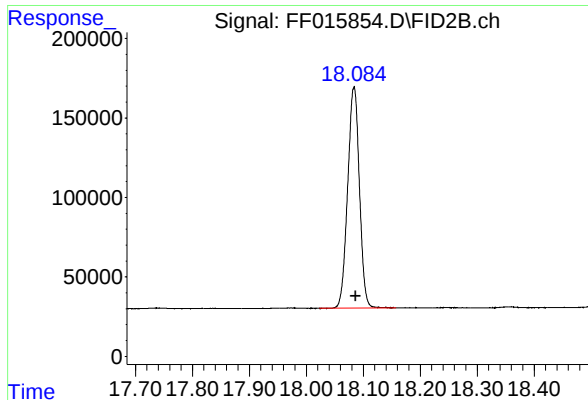
#11 N-HEXACOSANE

R.T.: 16.244 min
Delta R.T.: -0.003 min
Response: 2126546
Conc: 17.45 ug/ml



#12 N-OCTACOSANE

R.T.: 17.195 min
Delta R.T.: -0.003 min
Response: 2071334
Conc: 17.50 ug/ml



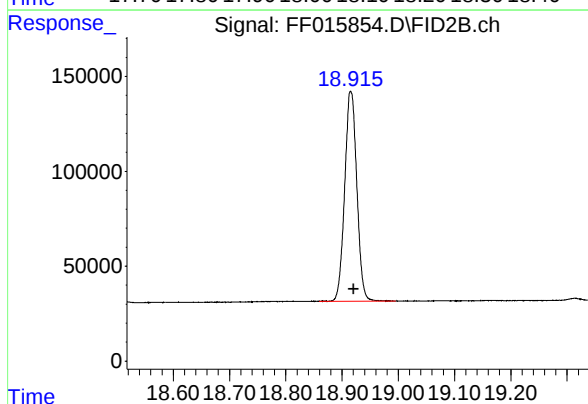
#13 N-TRIACONTANE

R.T.: 18.084 min
Delta R.T.: -0.002 min
Response: 1992244
Conc: 16.90 ug/ml

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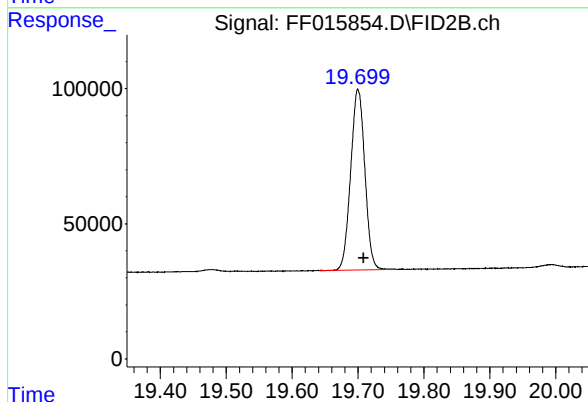
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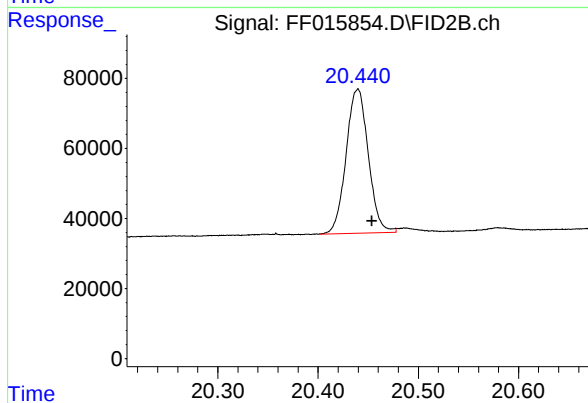
#14 N-DOTRIACONTANE

R.T.: 18.916 min
Delta R.T.: -0.005 min
Response: 1653692
Conc: 14.52 ug/ml



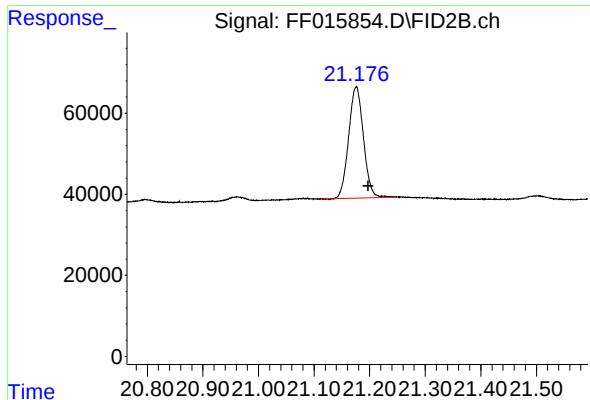
#15 N-TETRATRIACONTANE

R.T.: 19.700 min
Delta R.T.: -0.008 min
Response: 994749
Conc: 9.97 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.440 min
Delta R.T.: -0.014 min
Response: 633505
Conc: 7.94 ug/ml m



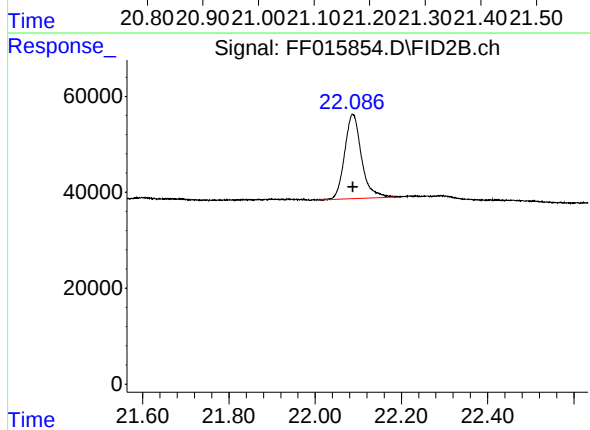
#17 N-OCTATRIACONTANE

R.T.: 21.176 min
Delta R.T.: -0.022 min
Response: 507067
Conc: 8.93 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.087 min
Delta R.T.: -0.001 min
Response: 474592
Conc: 11.67 ug/ml