

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051625\
 Data File : FF015857.D
 Signal(s) : FID2B.ch
 Acq On : 16 May 2025 13:57
 Operator : YP\AJ
 Sample : Q2003-01MS
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 WASTEMS

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 03:24:38 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...	15.016	1373093	12.168 ug/mlm
Target Compounds			
1) N-OCTANE	2.026	1623322	14.319 ug/ml
2) N-DECANE	4.562	2002738	19.626 ug/ml
3) N-DODECANE	6.730	2265631	20.691 ug/ml
4) N-TETRADECANE	8.557	2382439	20.641 ug/ml
5) N-HEXADECANE	10.164	2617565	22.179 ug/ml
6) N-OCTADECANE	11.608	2653469	21.093 ug/ml
7) N-EICOSANE	12.918	2682627	20.563 ug/ml
8) N-DOCOSANE	14.118	2646499	20.777 ug/ml
10) N-TETRACOSANE	15.222	2879499	22.892 ug/ml
11) N-HEXACOSANE	16.244	2572039	21.100 ug/ml
12) N-OCTACOSANE	17.196	2741040	23.164 ug/ml
13) N-TRIACONTANE	18.084	2508708	21.286 ug/ml
14) N-DOTRIACONTANE	18.917	2392858	21.004 ug/mlm
15) N-TETRATRIACONTANE	19.700	1236131	12.390 ug/ml
16) N-HEXATRIACONTANE	20.440	778716	9.760 ug/mlm
17) N-OCTATRIACONTANE	21.176	706510	12.442 ug/mlm
18) N-TETRACONTANE	22.084	647754	15.929 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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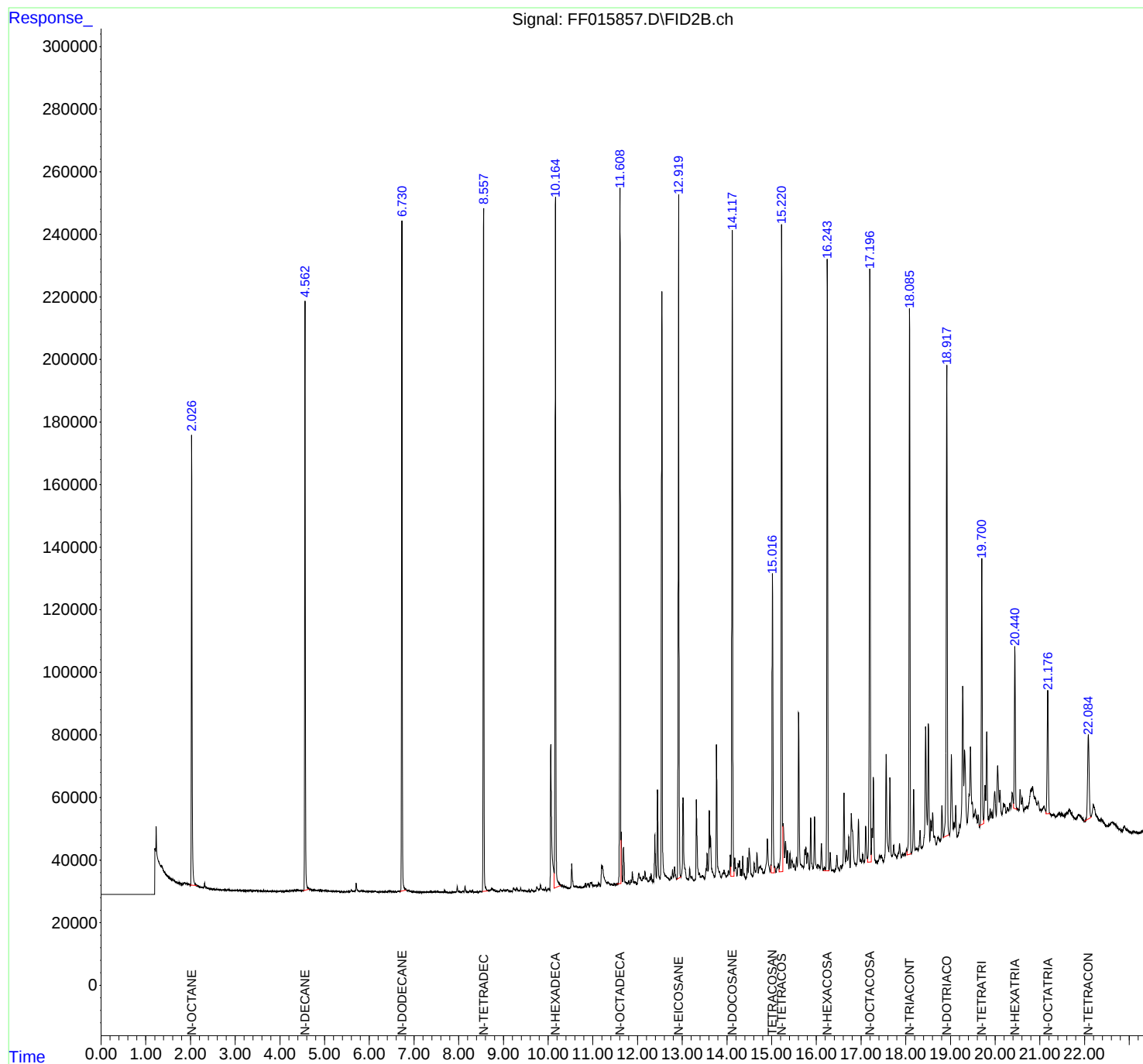
APPROVED

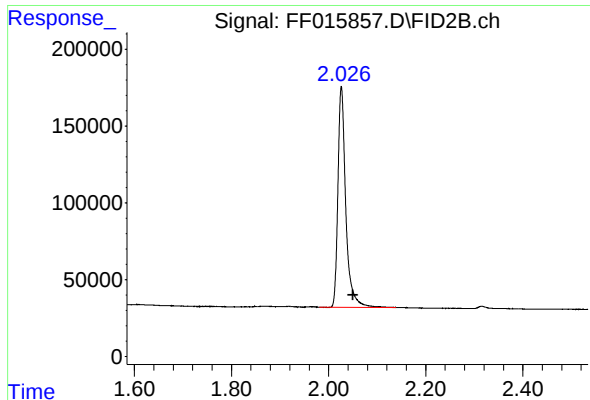
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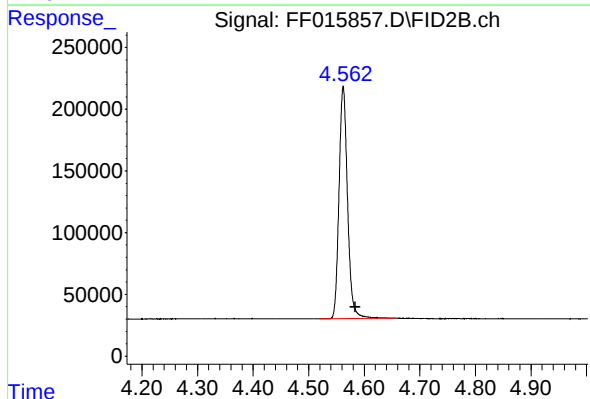
#1 N-OCTANE

R.T.: 2.026 min
Delta R.T.: -0.024 min
Response: 1623322
Conc: 14.32 ug/ml

Instrument :
FID_F
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WASTEMS

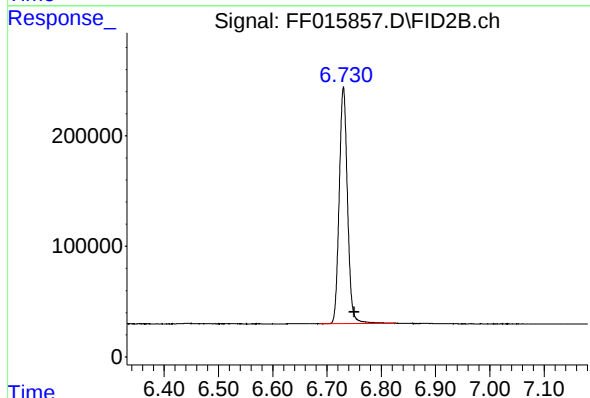
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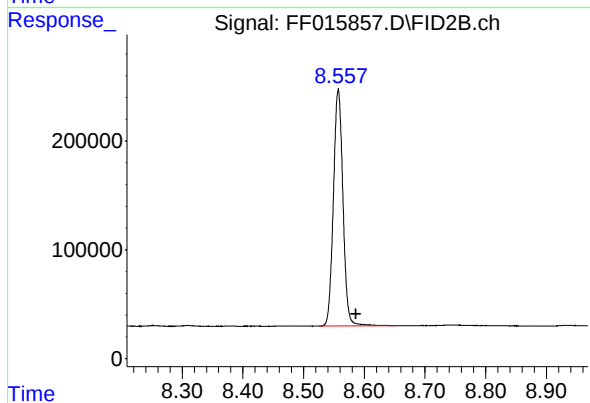
#2 N-DECANE

R.T.: 4.562 min
Delta R.T.: -0.022 min
Response: 2002738
Conc: 19.63 ug/ml



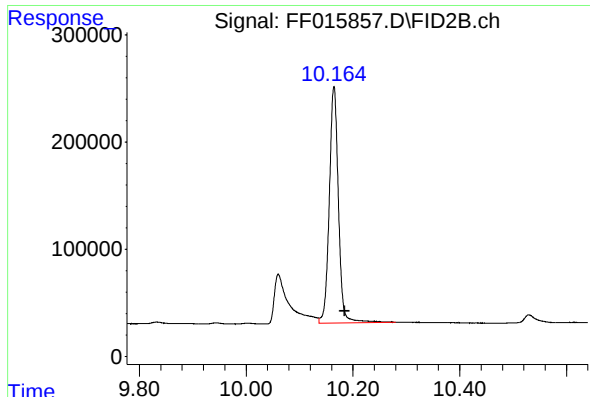
#3 N-DODECANE

R.T.: 6.730 min
Delta R.T.: -0.020 min
Response: 2265631
Conc: 20.69 ug/ml



#4 N-TETRADECANE

R.T.: 8.557 min
Delta R.T.: -0.029 min
Response: 2382439
Conc: 20.64 ug/ml



#5 N-HEXADECANE

R.T.: 10.164 min
Delta R.T.: -0.020 min
Response: 2617565
Conc: 22.18 ug/ml

Instrument :

FID_F

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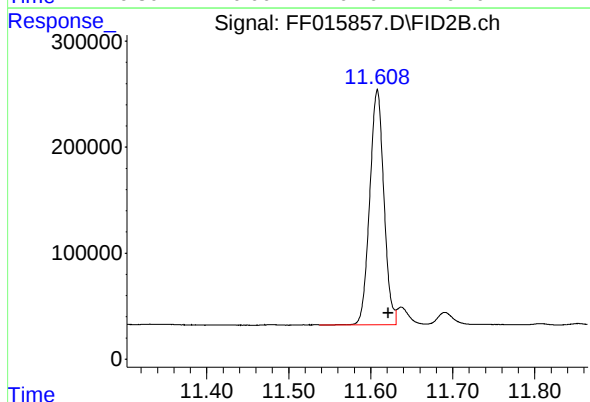
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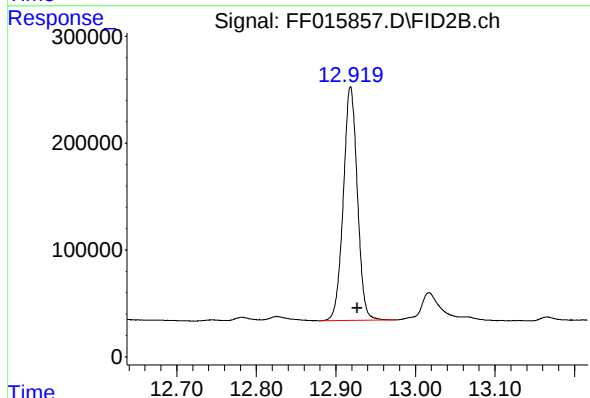
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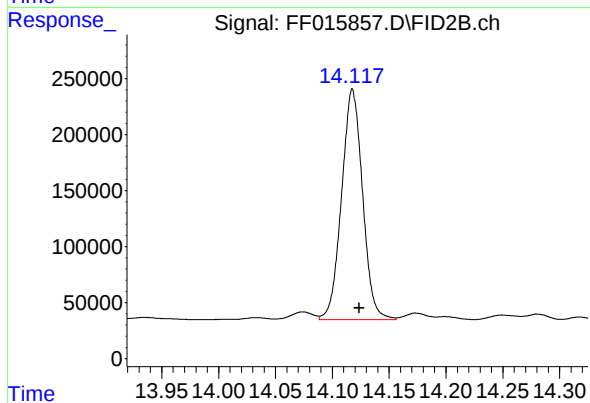
#6 N-OCTADECANE

R.T.: 11.608 min
Delta R.T.: -0.013 min
Response: 2653469
Conc: 21.09 ug/ml



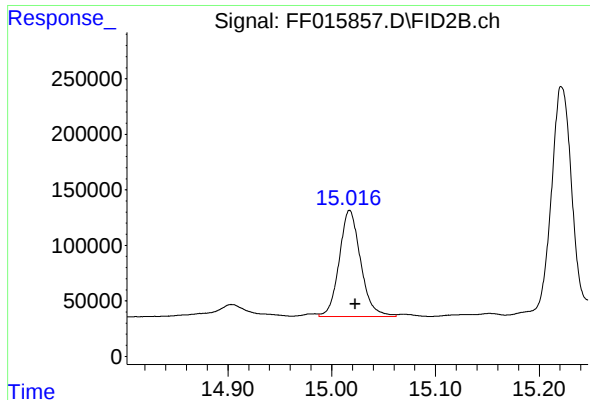
#7 N-EICOSANE

R.T.: 12.918 min
Delta R.T.: -0.009 min
Response: 2682627
Conc: 20.56 ug/ml



#8 N-DOCOSANE

R.T.: 14.118 min
Delta R.T.: -0.006 min
Response: 2646499
Conc: 20.78 ug/ml



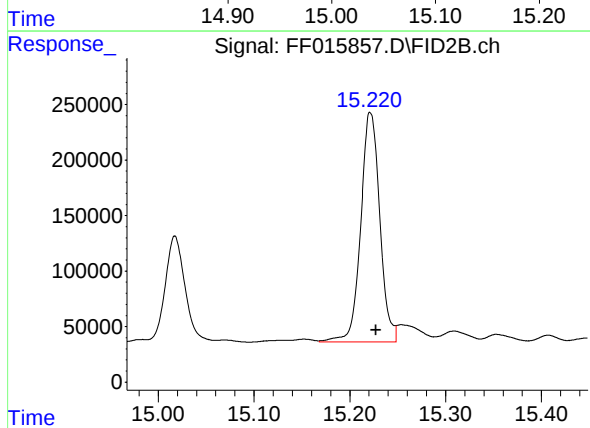
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.016 min
Delta R.T.: -0.006 min
Response: 1373093
Conc: 12.17 ug/ml

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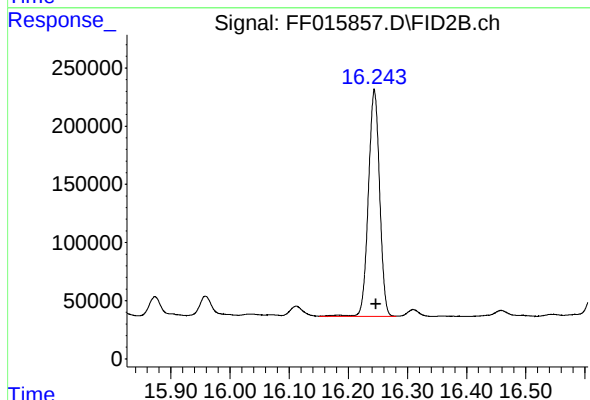
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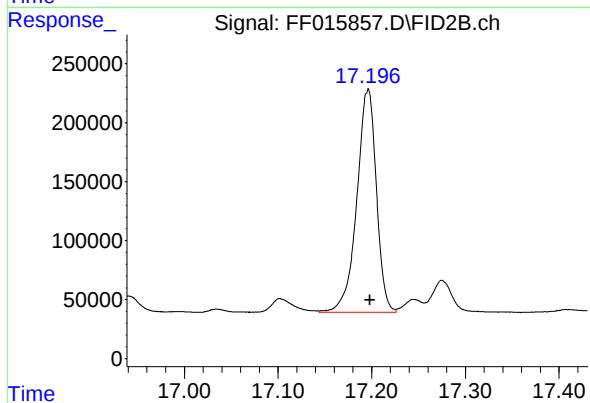
#10 N-TETRACOSANE

R.T.: 15.222 min
Delta R.T.: -0.006 min
Response: 2879499
Conc: 22.89 ug/ml



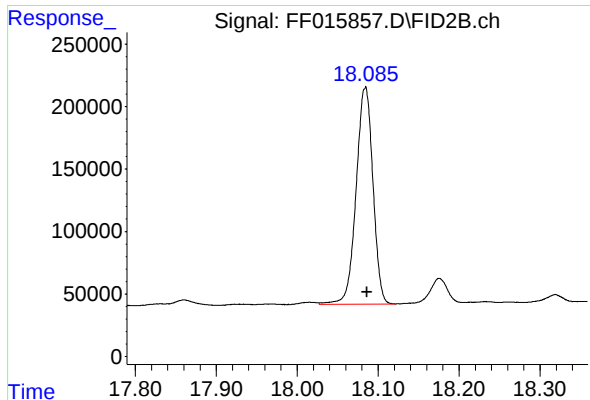
#11 N-HEXACOSANE

R.T.: 16.244 min
Delta R.T.: -0.003 min
Response: 2572039
Conc: 21.10 ug/ml



#12 N-OCTACOSANE

R.T.: 17.196 min
Delta R.T.: -0.002 min
Response: 2741040
Conc: 23.16 ug/ml



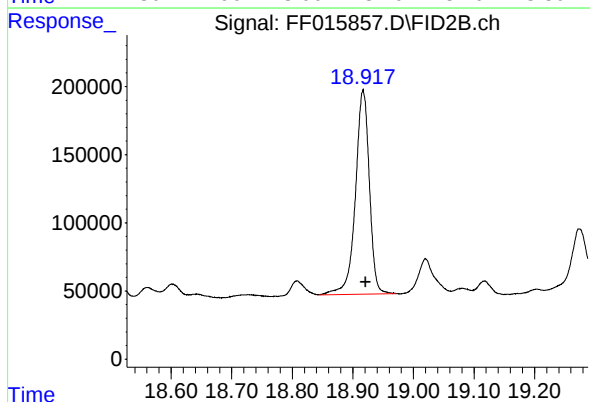
#13 N-TRIACONTANE

R.T.: 18.084 min
Delta R.T.: -0.002 min
Response: 2508708
Conc: 21.29 ug/ml

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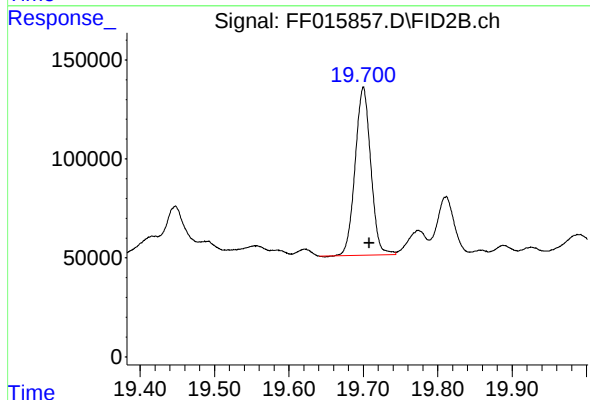
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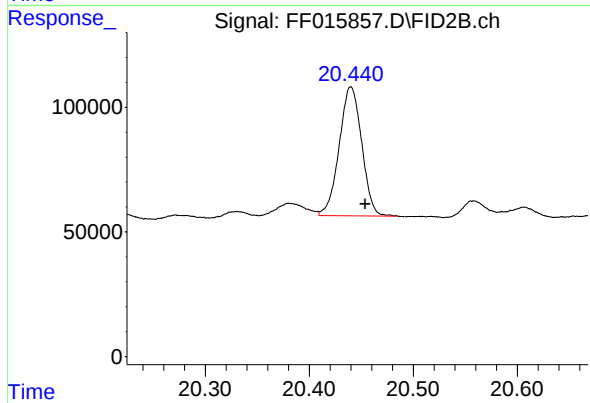
#14 N-DOTRIACONTANE

R.T.: 18.917 min
Delta R.T.: -0.004 min
Response: 2392858
Conc: 21.00 ug/ml



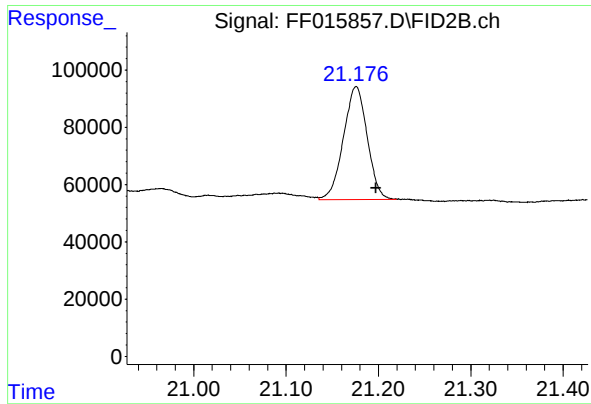
#15 N-TETRATRIACONTANE

R.T.: 19.700 min
Delta R.T.: -0.008 min
Response: 1236131
Conc: 12.39 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.440 min
Delta R.T.: -0.014 min
Response: 778716
Conc: 9.76 ug/ml



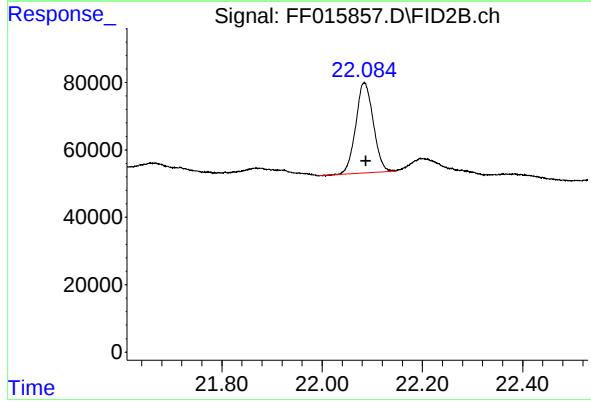
#17 N-OCTATRIACONTANE

R.T.: 21.176 min
Delta R.T.: -0.022 min
Response: 706510
Conc: 12.44 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.084 min
Delta R.T.: -0.004 min
Response: 647754
Conc: 15.93 ug/ml