

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF071425\
 Data File : FF016156.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jul 2025 16:49
 Operator : YP\AJ
 Sample : Q2580-02MS
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 WC-URBAN-FILL-B2MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/15/2025
 Supervised By :mohammad ahmed 07/16/2025

Integration File: autoint1.e
 Quant Time: Jul 15 00:48:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF071025.M
 Quant Title :
 QLast Update : Thu Jul 10 12:51:11 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...	15.100	1436068	14.748 ug/ml
Target Compounds			
1) N-OCTANE	2.073	2189743	17.555 ug/ml
2) N-DECANE	4.614	2315154	18.603 ug/ml
3) N-DODECANE	6.791	2426428	19.912 ug/ml
4) N-TETRADECANE	8.624	2409783	20.045 ug/mlm
5) N-HEXADECANE	10.235	2256764	19.401 ug/ml
6) N-OCTADECANE	11.682	2408882	20.729 ug/ml
7) N-EICOSANE	12.995	2522592	21.569 ug/ml
8) N-DOCOSANE	14.197	2406943	21.467 ug/ml
10) N-TETRACOSANE	15.305	3378369	30.460 ug/ml
11) N-HEXACOSANE	16.330	2271347	21.153 ug/ml
12) N-OCTACOSANE	17.282	2507476	23.318 ug/mlm
13) N-TRIACONTANE	18.173	2348376	21.682 ug/ml
14) N-DOTRIACONTANE	19.008	2126082	20.275 ug/mlm
15) N-TETRATRIACONTANE	19.797	1914781	19.958 ug/ml
16) N-HEXATRIACONTANE	20.537	1724619	20.673 ug/ml
17) N-OCTATRIACONTANE	21.305	1558840	21.167 ug/mlm
18) N-TETRACONTANE	22.268	1597774	23.490 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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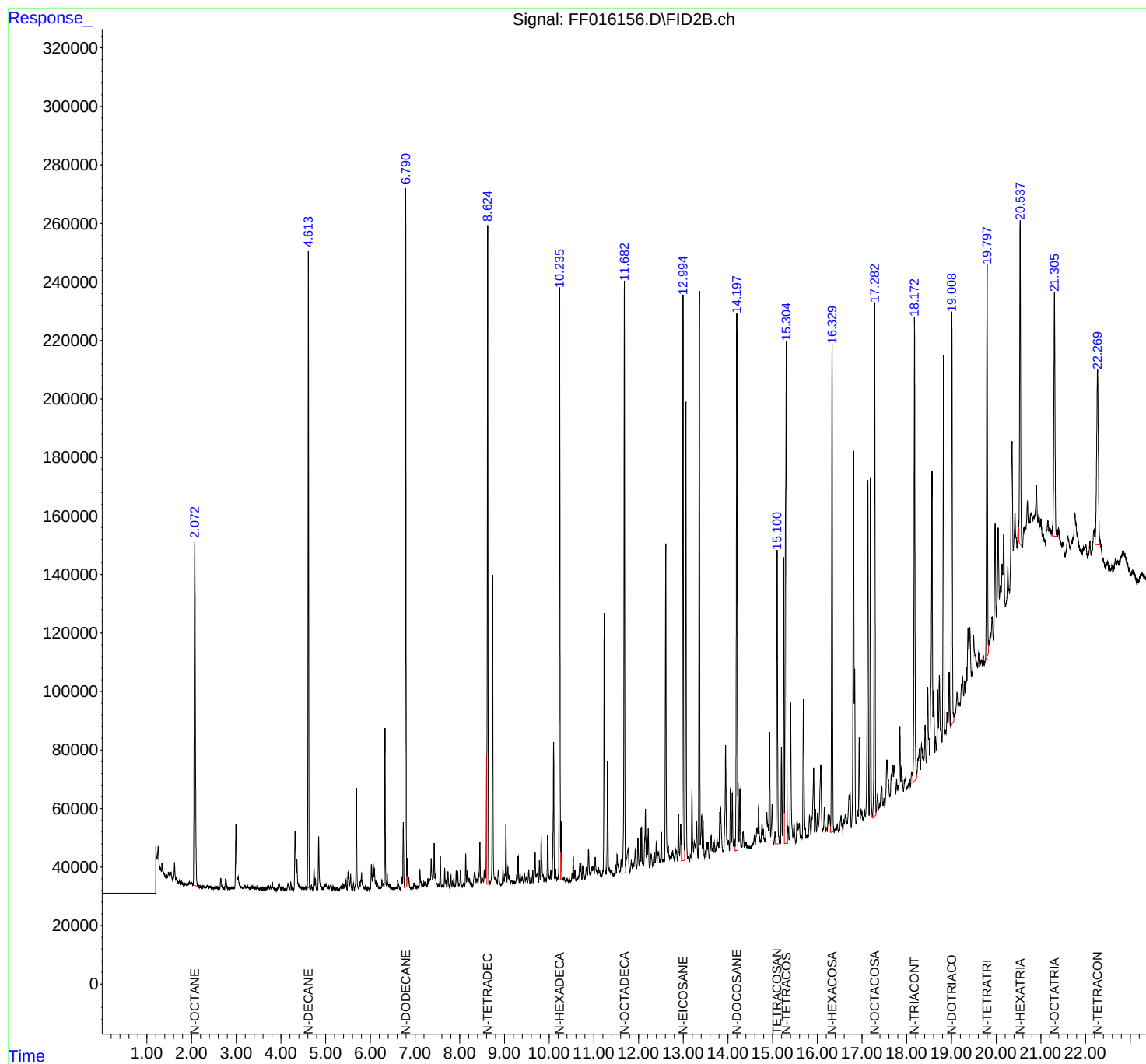
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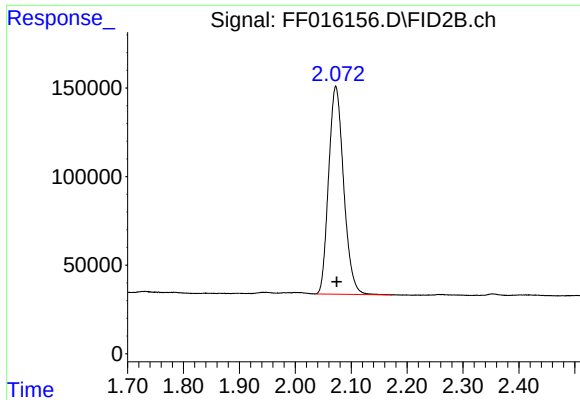
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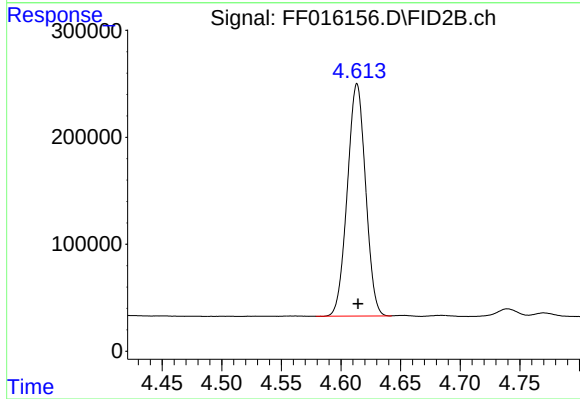
#1 N-OCTANE

R.T.: 2.073 min
Delta R.T.: -0.001 min
Response: 2189743
Conc: 17.56 ug/ml

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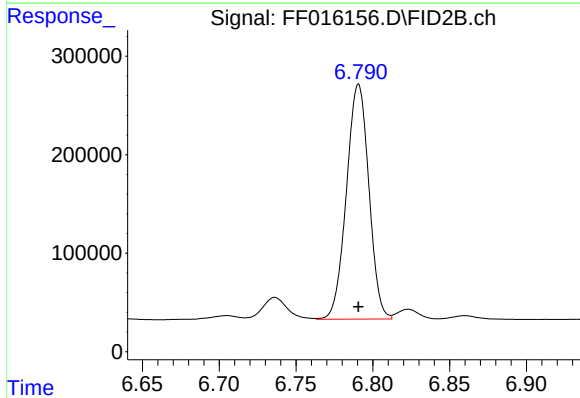
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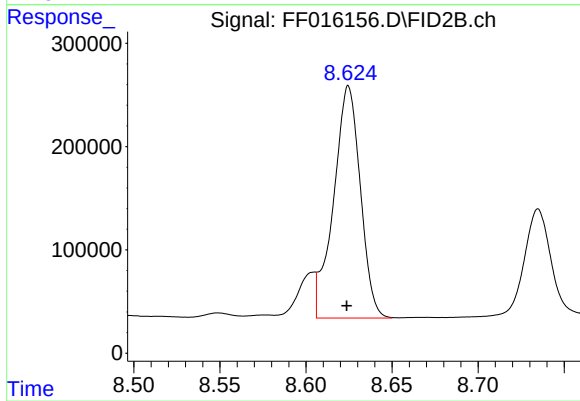
#2 N-DECANE

R.T.: 4.614 min
Delta R.T.: 0.000 min
Response: 2315154
Conc: 18.60 ug/ml



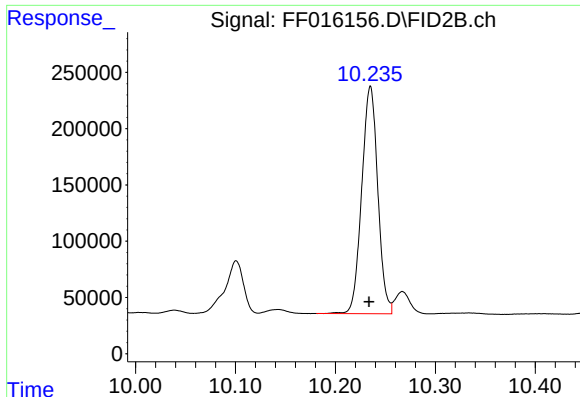
#3 N-DODECANE

R.T.: 6.791 min
Delta R.T.: 0.000 min
Response: 2426428
Conc: 19.91 ug/ml



#4 N-TETRADECANE

R.T.: 8.624 min
Delta R.T.: 0.000 min
Response: 2409783
Conc: 20.04 ug/ml m



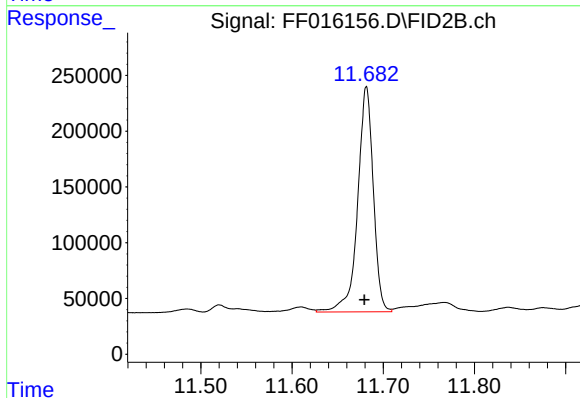
#5 N-HEXADECANE

R.T.: 10.235 min
Delta R.T.: 0.001 min
Response: 2256764
Conc: 19.40 ug/ml

Instrument :
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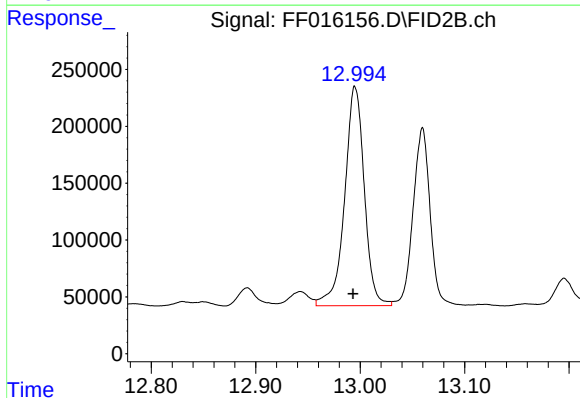
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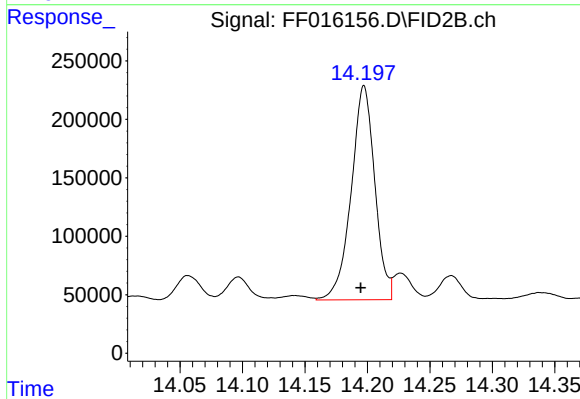
#6 N-OCTADECANE

R.T.: 11.682 min
Delta R.T.: 0.002 min
Response: 2408882
Conc: 20.73 ug/ml



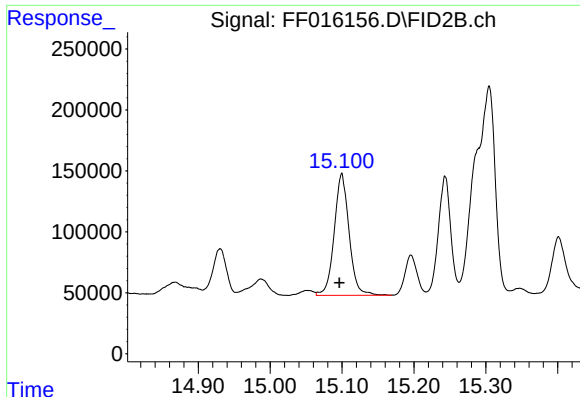
#7 N-EICOSANE

R.T.: 12.995 min
Delta R.T.: 0.002 min
Response: 2522592
Conc: 21.57 ug/ml



#8 N-DOCOSANE

R.T.: 14.197 min
Delta R.T.: 0.003 min
Response: 2406943
Conc: 21.47 ug/ml



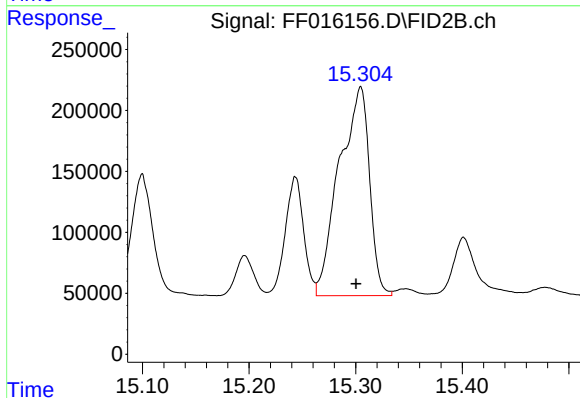
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.100 min
Delta R.T.: 0.003 min
Response: 1436068
Conc: 14.75 ug/ml

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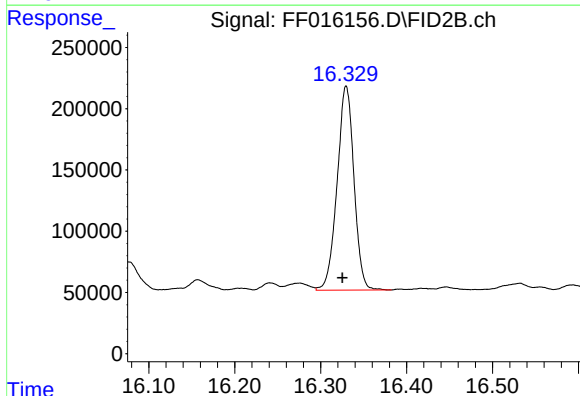
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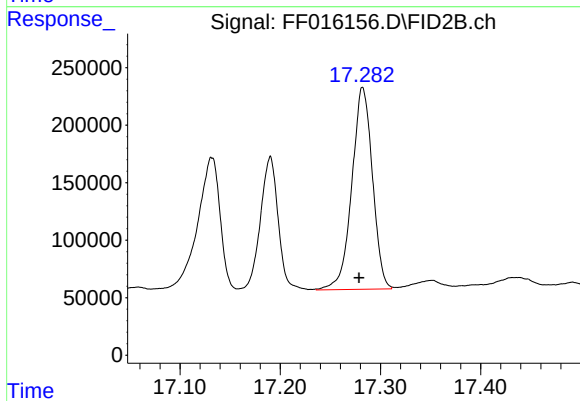
#10 N-TETRACOSANE

R.T.: 15.305 min
Delta R.T.: 0.004 min
Response: 3378369
Conc: 30.46 ug/ml



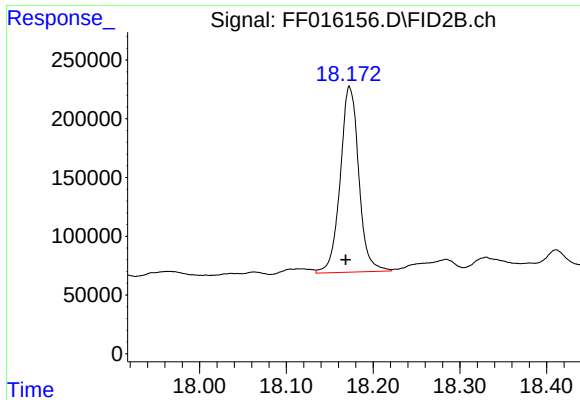
#11 N-HEXACOSANE

R.T.: 16.330 min
Delta R.T.: 0.004 min
Response: 2271347
Conc: 21.15 ug/ml



#12 N-OCTACOSANE

R.T.: 17.282 min
Delta R.T.: 0.003 min
Response: 2507476
Conc: 23.32 ug/ml m



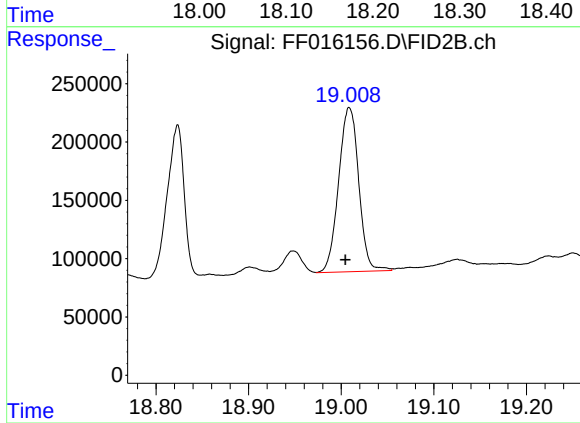
#13 N-TRIACONTANE

R.T.: 18.173 min
Delta R.T.: 0.004 min
Response: 2348376
Conc: 21.68 ug/ml

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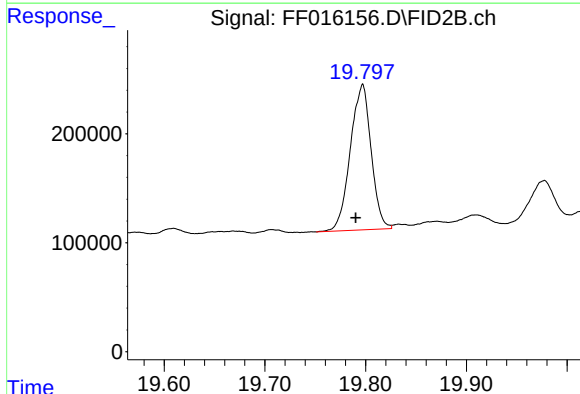
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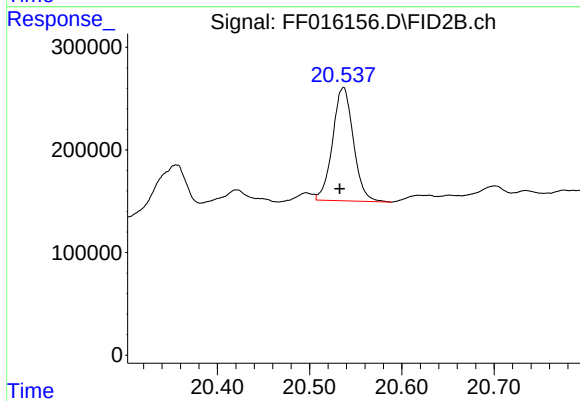
#14 N-DOTRIACONTANE

R.T.: 19.008 min
Delta R.T.: 0.004 min
Response: 2126082
Conc: 20.27 ug/ml m



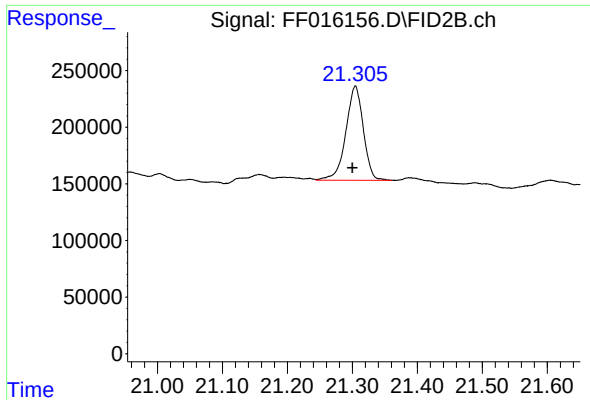
#15 N-TETRATRIACONTANE

R.T.: 19.797 min
Delta R.T.: 0.007 min
Response: 1914781
Conc: 19.96 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.537 min
Delta R.T.: 0.004 min
Response: 1724619
Conc: 20.67 ug/ml



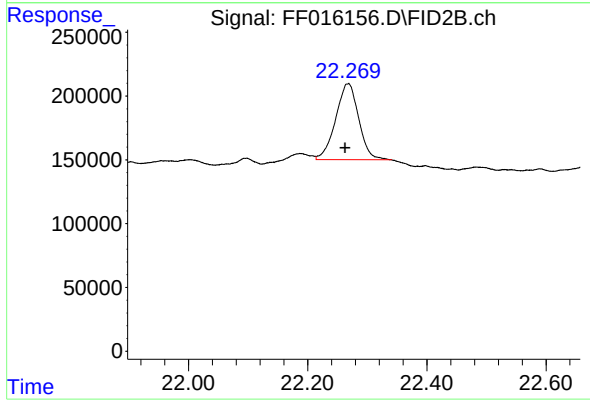
#17 N-OCTATRIACONTANE

R.T.: 21.305 min
Delta R.T.: 0.005 min
Response: 1558840
Conc: 21.17 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.268 min
Delta R.T.: 0.006 min
Response: 1597774
Conc: 23.49 ug/ml